With the [illegible] Session's
[illegible] for [illegible] 16/6/83

CALCUTTA
1875
ZOOLOGICAL GARDENS

LIST

THE VERTEBRATED ANIMALS

NOW OR LATELY LIVING

IN THE GARDENS

OF THE

ZOOLOGICAL SOCIETY OF LONDON.

EIGHTH EDITION.

1883.

BOOK NO.
988

PRINTED FOR THE SOCIETY,
AND SOLD AT THEIR HOUSE IN HANOVER SQUARE.

LONDON:
MESSRS. LONGMANS, GREEN, READER, AND DYER,
PATERNOSTER ROW.

ZOOZ
Ae.na 162
dt. 18- 11-06
597
Z00

PRINTED BY TAYLOR AND FRANCIS,
RED LION COURT, FLEET STREET.

Ae.na - 162
18/11/06

S97
200

PREFACE TO THE EIGHTH EDITION.

The object of this List is to enable those interested in the living collection of the Zoological Society of London to ascertain what species of Vertebrated Animals have been represented in the Menagerie during the past twenty years. It is also of great use to enable the specimens exhibited from time to time to be labelled on a uniform system.

The first edition of the List was issued in 1862, and contained the names of all the animals that had been living in the Society's Gardens at any time during the previous year, with their habitats, and the dates and modes of their acquisition.

In the second edition, issued in 1863, the animals living in the Society's Gardens from the 1st of January to the end of May of that year were given in a similar form.

In the third edition, which was completed for press on the 1st of January, 1865, the names of all specimens received by the Society during 1864 were added to the List.

In the fourth and subsequent editions the names of all the vertebrated animals added to the Society's collection during the following years were inserted in their proper places.

In the present (eighth) edition of this Catalogue I have pursued exactly the same system, and have added the names

of all the animals that we have received up to the end of 1882, with the date and mode of acquisition of each specimen.

The result is a nearly complete catalogue of all the living Vertebrates received by the Society during the past twenty-two years. It is not, however, *quite* complete, as in the two first editions the references to some of the specimens which had been lost by death or departure were struck out. But commencing from January 1st, 1864, I believe that nearly every specimen received will be found to have been inserted in its proper place, although there may of course have been errors in the determination of the species.

For many years it has been my practice to bring before the scientific meetings of the Society short notices of the more important accessions to the Menagerie, with the object of calling attention to such as are of special interest. These notices are subsequently printed and published in the 'Proceedings' of the Scientific Meetings. Both our 'Proceedings' and 'Transactions' also contain frequent communications referring to specimens living, or that have previously lived, in the Society's Gardens. I thought that it would enhance the value of the List to add references to the 'Proceedings' and 'Transactions' in all these cases, so as to make a sort of index to numerous passages in our scientific publications that refer to specimens in the Society's collection.

When animals have been figured in our publications from specimens in the Gardens, a reference to the figure is likewise added.

The following Table gives the number of Species of each Class of Animals registered in the successive editions of this List, and thus to a certain extent indicates the progress of the Collection:—

	First Edition, 1862.	Second Edition, 1863.	Third Edition, 1865.	Fourth Edition, 1866.	Fifth Edition, 1872.	Sixth Edition, 1877.	Seventh Edition, 1879.	Eighth Edition, 1883.
Mammals ...	188	229	272	339	498	570	615	667
Birds	409	468	558	721	1044	1224	1329	1447
Reptiles	45	60	52	73	181	227	257	307
Batrachians .	17	24	23	25	35	39	41	48
Fishes.....	23	40	51	54	68	83	83	88
Total	682	821	956	1212	1826	2143	2325	2557

The woodcuts in this List have mostly already appeared in the Society's 'Proceedings.' Some of them, however, have been kindly lent to me for this work by the proprietors of 'Nature.'

P. L. S.

11 Hanover Square, W.,
July 18th, 1883.

LIST OF PREVIOUS EDITIONS.

1. List of Vertebrated Animals Living in the Gardens of the Zoological Society of London. 8vo. 1862. (pp. 100.)

2. List of Vertebrated Animals Living in the Gardens of the Zoological Society of London. (Second Edition.) 8vo 1863. (pp. 120.)

3. List of Vertebrated Animals Living in the Gardens of the Zoological Society of London. (Third Edition.) 8vo. 1865. (pp. 148.)

4. List of Vertebrated Animals Living in the Gardens of the Zoological Society of London. (Fourth Edition.) 8vo. 1866. (pp. 204.)

5. Revised List of the Vertebrated Animals now or lately Living in the Gardens of the Zoological Society of London. 8vo. 1872. (pp. 399)

5ª. Revised List of the Vertebrated Animals now or lately Living in the Gardens of the Zoological Society of London.—Supplement, containing Additions received in 1872, 1873, and 1874. 8vo. 1875. (pp. 54.)

6. Revised List of the Vertebrated Animals now or lately Living in the Gardens of the Zoological Society of London. (Sixth Edition.) 8vo. 1877. (pp. 519.)

7. List of the Vertebrated Animals now or lately Living in the Gardens of the Zoological Society of London. (Seventh Edition.) 8vo. 1879. (pp. 579.)

7ª. List of the Vertebrated Animals now or lately Living in the Gardens of the Zoological Society of London.—First Supplement, containing Additions received in 1879. 8vo. 1880. (pp. 71.)

CONTENTS.

MAMMALIA ..... Page 1

Page

Order I. QUADRUMANA 1
Simiidæ 1
Cercopithecidæ 3
Cebidæ 26
Hapalidæ 37
Order II. LEMURES 40
Lemuridæ 40
Chiromyidæ 48
Order III. CARNIVORA 48
Felidæ 48
Viverridæ 57
Protelidæ 66
Hyænidæ 66
Canidæ 67
Mustelidæ 76
Procyonidæ 82
Æluridæ 84
Ursidæ 85
Otariidæ 90
Trichechidæ 91
Phocidæ 91
Order IV. INSECTIVORA .. 93
Talpidæ 93
Erinaceidæ 93
Tupaiidæ 94
Order V. CHIROPTERA 94
Pteropodidæ 94
Vespertilionidæ 97
Emballonuridæ 98
Order VI. RODENTIA 98
Sciuridæ 98
Castoridæ 107
Myoxidæ 107
Muridæ 108
Spalacidæ 112
Dipodidæ 112
Octodontidæ 113
Hystricidæ 115
Chinchillidæ 117
Dasyproctidæ 118
Caviidæ 121
Leporidæ 122
Order VII. HYRACES 124
Hyracidæ 124
Order VIII. PROBOSCIDEA .. 124
Elephantidæ 124

MAMMALIA (*continued*).

	Page
Order IX. Ungulata	125
Rhinocerotidæ	125
Tapiridæ	128
Equidæ	130
Bovidæ	132
Giraffidæ	156
Cervidæ	158
Tragulidæ	176
Camelidæ	177
Hippopotamidæ	179
Phacochœridæ	179
Suidæ	181
Order X. Cetacea	185
Delphinidæ	185
Order XI. Sirenia	186
Manatidæ	186
Order XII. Edentata	186
Bradypodidæ	186
Dasypodidæ	187
Myrmecophagidæ	189
Manidæ	191
Orycteropodidæ	192
Order XIII. Marsupialia.	193
Didelphyidæ	193
Dasyuridæ	195
Peramelidæ	196
Phascolarctidæ	197
Phalangistidæ	197
Macropodidæ	200
Phascolomyidæ	207
Order XIV. Monotremata.	208
Echidnidæ	208

AVES 209

Order I. Passeres	209
Turdidæ	209
Cinclidæ	216
Panuridæ	216
Paridæ	217
Sittidæ	218
Motacillidæ	218
Pycnonotidæ	220
Crateropodidæ	222
Oriolidæ	224
Dicruridæ	224
Artamidæ	225
Laniidæ	225
Ampelidæ	226
Muscicapidæ	226
Hirundinidæ	226
Nectariniidæ	227
Meliphagidæ	227
Cœrebidæ	228
Tanagridæ	228
Ploceidæ	233
Fringillidæ	247
Icteridæ	265
Sturnidæ	270
Paradiseidæ	274
Corvidæ	275
Alaudidæ	286
Pittidæ	288
Tyrannidæ	288
Cotingidæ	289
Dendrocolaptidæ	290
Menuridæ	290

AVES (*continued*).

	Page
Order II. Picariæ	291
Cypselidæ	291
Caprimulgidæ	291
Picidæ	291
Iyngidæ	293
Coliidæ	293
Alcedinidæ	293
Bucerotidæ	294
Upupidæ	299
Momotidæ	299
Coraciidæ	299
Podargidæ	300
Steatornithidæ	300
Ramphastidæ	300
Capitonidæ	303
Cuculidæ	303
Musophagidæ	306
Order III. Psittaci	308
Cacatuidæ	308
Stringopidæ	316
Palæornithidæ	317
Psittacidæ	330
Order IV. Striges	354
Strigidæ	354
Asionidæ	355
Order V. Accipitres	365
Falconidæ	365
Serpentariidæ	391
Cathartidæ	392
Order VI. Steganopodes	394
Pelecanidæ	394
Fregatidæ	396
Phalacrocoracidæ	396
Plotidæ	398
Order VII. Herodiones	400
Ardeidæ	400
Ciconiidæ	405
Plataleidæ	409
Order VIII. Odontoglossæ	413
Phœnicopteridæ	413
Order IX. Palamedeæ	414
Palamedeidæ	414
Order X. Anseres	415
Anatidæ	415
Order XI. Columbæ	443
Carpophagidæ	443
Columbidæ	446
Order XII. Pterocletes	464
Pteroclidæ	464
Order XIII. Gallinæ	465
Tetraonidæ	465
Phasianidæ	466
Cracidæ	498
Megapodiidæ	505
Order XV. Hemipodii	506
Turnicidæ	506
Order XVI. Fulicariæ	507
Rallidæ	507
Order XVII. Alectorides	516
Otidæ	516
Psophiidæ	518
Cariamidæ	519
Gruidæ	519
Eurypygidæ	523
Aramidæ	523

AVES (*continued*).

	Page
Order XVIII. Limicolæ	524
Œdienemidæ	524
Charadriidæ	525
Chionididæ	528
Scolopacidæ	528
Order XIX. Gaviæ	533
Laridæ	533
Order XX. Tubinares	539
Procellariidæ	539
Order XXI. Pygopodes	540
Colymbidæ	540
Alcidæ	541
Order XXII. Impennes	542
Spheniscidæ	542
Order XXIII. Crypturi	545
Tinamidæ	545
Order XXIV. Apteryges	547
Apterygidæ	547
Order XXV. Casuarii	548
Casuariidæ	548
Order XXVI. Struthiones	551
Struthionidæ	551
Rheidæ	552

REPTILIA 555

Order Testudinata	555
Testudinidæ	555
Emydidæ	561
Chelydidæ	569
Trionychidæ	571
Chelonidæ	572
Order Crocodilia	574
Crocodilidæ	574
Order Sauria	577
Sphenodontidæ	577
Geccotidæ	577
Varanidæ	578
Helodermidæ	580
Teiidæ	580
Lacertidæ	581
Zonuridæ	583
Scincidæ	584
Agamidæ	588
Iguanidæ	590
Chamæleonidæ	593
Amphisbænidæ	595
Order Ophidia	596
Typhlopidæ	596
Boidæ	596
Tortricidæ	601
Calamariidæ	601
Colubridæ	602
Homalopsidæ	613
Psammophiidæ	613
Dendrophiidæ	614
Dryophiidæ	615
Dipsadidæ	615
Scytalidæ	616
Lycodontidæ	617
Elapidæ	617
Viperidæ	619
Crotalidæ	622

BATRACHIA ..... Page 625

Order Ecaudata ..... Page 625
Ranidæ 625
Cystignathidæ 626
Bufonidæ 626
Hylidæ 628
Pelobatidæ 630
Discoglossidæ 630

Order Caudata 631
Salamandridæ 631
Amphiumidæ 634
Proteidæ 635
Sirenidæ 635

PISCES 636

Subclass Teleostei 636
Gasterosteidæ 636
Percidæ 636
Triglidæ 637
Trachinidæ 637
Gobiidæ 637
Discoboli 638
Pediculati 638
Blenniidæ 638
Labyrinthici 639
Mugilidæ 639
Ophiocephalidæ 639
Gobiesocidæ 639
Labridæ 640
Gadidæ 640
Pleuronectidæ 641
Siluridæ 641
Salmonidæ 642
Galaxiidæ 642
Esocidæ 643
Cyprinidæ 643
Gymnotidæ 644
Murænidæ 645
Syngnathidæ 645
Subclass Dipnoi 646
Lepidosirenidæ 646
Subclass Ganoidei 646
Acipenseridæ 646
Subclass Chondropterygii .. 647
Scylliidæ 647
Spinacidæ 647
Subclass Leptostomata .. 647
Petromyzontidæ 647
Subclass Leptocardii 648
Branchiostomatidæ .. 648

LIST OF WOODCUTS.

Fig.		Page
1.	Cercopithecus pluto ..	11
2.	Macacus leoninus	19
3.	Head of Chrysothrix usta	27
4.	Brachyurus ouakari ..	36
5.	Head of Lemur macaco	41
6.	Head of Lemur nigerrimus	41
7.	Perodicticus potto ..	47
8.	Ælurus fulgens.....	85
9.	Head of Ursus piscator	87
10.	Otaria jubata	90
11.	Cynonycteris collaris ♀ and young.....	96
12.	Rhinoceros unicornis ♂	125
13.	Rhinoceros lasiotis ..	126
14.	Rhinoceros sumatrensis	127
15.	Rhinoceros bicornis ♂.	128
16.	Tapirus americanus ..	129
17.	Bibos frontalis	134
18.	Strepsiceros kudu....	136
19.	Oryx beatrix.....	138
20.	Head of Gazella granti	143
21.	Head of Alcelaphus tora	149
22.	Nemorhædus crispus..	151
23.	Head of Antilocapra americana.....	157
24.	Moschus moschiferus .	159
25.	Elaphodus michianus ♂	161
26.	Head of Cervus schomburgki	166
27.	Cervus alfredi ♂	168
28.	Pudua humilis ♂	175
29.	Head of Phacochœrus æthiopicus ♂ ad. ..	179
30.	Head of Phacochœrus africanus ♀ jr.....	180
31.	Potamochœrus penicillatus.....	183
32.	Manatus australis	186
33.	Myrmecophaga jubata.	190
34.	Manis tricuspis.....	191
35.	Orycteropus capensis .	192
36.	Orycteropus æthiopicus	193
37.	Phascolarctus cinereus	197
38.	Head of Macropus erubescens.....	201
39.	Heteralocha gouldi ..	284
40.	Head of Bycanistes subcylindricus	297
41.	Rhytidoceros plicatus	298
42.	Head of Cacatua sanguinea	311
43.	Head of Cacatua ducorpsi	312
44.	Head of Cacatua gymnopis	313
45.	Stringops habroptilus .	317
46.	Speotyto cunicularia..	363
47.	Cathartes californianus	393
48.	Phalacrocorax carbo ..	397
49.	Plotus anhinga.....	399

Fig.		Page
50.	Head of Ibis æthiopica	410
51.	Head of Ibis bernieri	410
52.	Male and female Magellanic Geese, bred between Bernicla dispar ♂ and Bernicla magellanica ♀	421
53.	Numida vulturina	497
54.	Megacephalon maleo	506
55.	Tribonyx mortieri	514
56.	Head of Himantopus nigricollis	529
57.	Head of Himantopus brasiliensis	529
58.	Spheniscus humboldti	544
59.	Head of Rhea americana	552
60.	Head of Rhea macrorhyncha	553
61.	Head of Rhea darwinii	554

ZOOL. Acc. no. 162
11-06

LIST OF ANIMALS.

Class MAMMALIA.

Order I. QUADRUMANA.

Family SIMIIDÆ.

Genus ANTHROPOPITHECUS*.

1. *Anthropopithecus troglodytes* (Gm.). Chimpanzee.
Hab. West Africa.

a–z. See former editions.
a^1. Male. Deposited, Feb. 13, 1878.
b^1. Female. Deposited, Feb. 13, 1878.
c^1. Male. Deposited, Feb. 17, 1878.
d^1, e^1. Deposited, May 23, 1878.
f^1. Deposited, June 12, 1878.
g^1. Female. Deposited, Jan. 24, 1882.
h^1. Female. Purchased, April 15, 1882.

Genus SIMIA.

2. *Simia satyrus,* Linn. Ourang-outang.
Hab. Sumatra and Borneo.

a. Female. Purchased, May 7, 1864.
b. Male; *c.* Female. Purchased, Sept. 4, 1866.
d. Deposited, March 29, 1867.
e, f. Presented by Colonel Benson and Mr. Vyapoory, June 19, 1868.
g, h. Females. Deposited, Jan. 26, 1874.
i, j. Males. Presented by Dr. R. Sim, F.Z.S., March 13, 1878.
k. Female. Received in exchange, July 27, 1878.

* *Cf.* Peters, Monatsb. Ak. Berl. 1876, p. 470.

Genus Hylobates.

3. *Hylobates hoolock* (Harlan). Hoolock Gibbon.

Hab. Assam.

a. Presented by A. Grote, Esq., F.Z.S., Aug. 14, 1868. See P. Z. S. 1868, p. 526. Specimen figured, P. Z. S. 1870, pl. v.
b. Male. Presented by J. Scrymgeour, Esq., May 9, 1877.
c. Female. Deposited, Feb. 13, 1880.

4. *Hylobates lar* (Linn.). White-handed Gibbon.

Hab. Malay peninsula.

a. Male; from Mergui. *b*. Female; from Tenasserim. Presented by G. S. Rodon, Esq., Nov. 17, 1869. See P. Z. S. 1869, p. 603. Specimen *a* is figured, P. Z. S. 1870, pl. v. p. 86.
c. Female. Presented by Lieut.-Col. Anson, May 16, 1872. From Malacca.
d. Male. Deposited, Nov. 22, 1872.
e. Female. Deposited, Jan. 1, 1873.
f. Male. Purchased, July 25, 1873.
g. Male. Presented by Sir Harry Ord, C.B., F.Z.S., Aug. 14, 1873.
h. Male; *i*. Female. Presented by Sir Harry Ord, C.B., F.Z.S., Dec. 4, 1873.
j. Female. Presented by W. H. Newman, Esq., Jan. 7, 1878. From the Forests of Laos, N. Siam.
k. Deposited, Feb. 13, 1880.

5. *Hylobates leucogenys*, Ogilby. White-cheeked Gibbon.

Hab. Siam.

a. Presented by W. H. Newman, Esq., H.B.M. Consul at Bangkok, June 2, 1877. See P. Z. S. 1877, p. 679, pl. LXX.

6. *Hylobates leuciscus* (Schreb.). Silvery Gibbon.

Hab. Java.

a. Female. Purchased, July 20, 1871.
b. Purchased, April 18, 1882.

7. *Hylobates variegatus* (Geoffr.). Ungko Gibbon.

Hab. Sumatra.

a. Female. Deposited, May 4, 1871.
b. Female. Purchased, Nov. 11, 1873.
c. Deposited, Jan. 26, 1874.

Family CERCOPITHECIDÆ.

Genus Semnopithecus.

8. *Semnopithecus entellus* (Dufresne). Entellus Monkey.

Hab. India.

a. Presented by Miss M. L. Gordon, July 23, 1864.
b. Presented by Capt. H. T. Forbes, Roy. Art., June 26, 1865.
c. Purchased, March 28, 1866.
d. Purchased, May 1, 1866.
e. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 6, 1867.
f. Male. Purchased, April 20, 1869.
g. Male. Purchased, June 22, 1869.
h. Purchased, April 14, 1870.
i. Female. Received in exchange, March 31, 1871.
j. Female. Purchased, June 9, 1873.
k. Purchased, April 25, 1876.
l. Presented by E. Penn, Esq., Oct. 3, 1876.
m. Received in exchange, April 5, 1877.
n. Presented by J. Mills, Esq., R.H.A., Jan. 23, 1879.
o. Female. Received in exchange, April 12, 1879.
p. Female. Deposited, March 2, 1881.
q, *r*. Males; *s*. Female. Purchased, April 21, 1881.

9. *Semnopithecus mitratus*, Eschsch. Mitred Monkey.

Hab. Java.

a. Male. Received in exchange, March 12, 1879.

10. *Semnopithecus obscurus*, Martin. Dusky Monkey.

Hab. Malacca.

a. Purchased, Jan. 26, 1874. See P. Z. S. 1874, p. 110.
b. Purchased, Oct. 10, 1874.

11. *Semnopithecus leucoprymnus* (Otto). Purple-faced Monkey.

Hab. Ceylon.

a. Purchased, Nov. 14, 1864.
b. Purchased, June 22, 1868.
c. Female. Purchased, May 4, 1871.
d. Female. Purchased, Aug. 24, 1871.
e. Male. Purchased, June 21, 1873.

f. Presented by A. J. Keason, Esq., May 15, 1876.
g. Purchased, Aug. 26, 1877.
h. Presented by J. B. Knocker, Esq., Sept. 7, 1877.
i. Purchased, Sept. 20, 1878.
j, *k*. Purchased, May 30, 1880.
l. Male. Presented by William Collingwood, Sept. 27, 1880.
m. Male. Presented by Lieut. W. V. Anson, R.N., June 30, 1881.

12. *Semnopithecus maurus* (Schreb.). Moor Monkey.

Hab. Java.

a. Received, July 30, 1864.
b. Received in exchange, Feb. 8, 1866.
c, *d*. Presented by Capt. D. Nutsford, March 11, 1871.
e. Female. Purchased, June 18, 1872. From Malacca
f. Female. Purchased, Aug. 20, 1872.
g. Female. Purchased, June 12, 1876.
h. Male. Purchased, June 15, 1877.

Genus Colobus.

13. *Colobus polycomus* (Schreb.). King Colobus.

Hab. Sierra Leone.

a. Purchased, May 16, 1873.

14. *Colobus ursinus* (Ogilby). Ursine Colobus.

Hab. West Africa.

a. Purchased, April 23, 1864.
b. Purchased, Aug. 5, 1867.
c. Purchased, May 17, 1868.
d. Female. Deposited, May 13, 1869.
e. Purchased, April 14, 1870.

15. *Colobus vellerosus* (Is. Geoffr.). White-thighed Colobus.

Hab. West Africa.

a. Purchased, March 28, 1873.
b. Female. Purchased, Aug. 8, 1875.
c. On approval. Aug. 21, 1875.
d. Female. Presented by Dr. W. H. Hart, May 27, 1879.

Genus CERCOPITHECUS.

16. *Cercopithecus talapoin* (Erxl.). Talapoin Monkey.

Hab. West Africa.

a. Presented by Lieut. W. B. Bridges, R.N., Nov. 28, 1866. From the Congo river.
b. Presented by the Rev. Dan. Greatorex, March 29, 1867.
c. Presented by John Gould, Esq., F.Z.S., April 13, 1869.
d. Female. Purchased, April 14, 1870.
e, f. Females. Purchased, Feb. 13, 1871.
g. Male. Presented by C. B. Maseyk, Esq., Aug. 20, 1872.
h. Male. Purchased, March 6, 1873.
i. Male. Purchased, June 21, 1873.
j. Purchased, July 13, 1876.
k. Purchased, June 24, 1881.
l. Female. Purchased, March 29, 1882.

17. *Cercopithecus cynosurus* (Scop.). Malbrouck Monkey.

Hab. West Africa.

a. Purchased, May 3, 1865.
b. Purchased, May 13, 1865.
c. Presented by W. W. Vine, Esq., R.N., May 24, 1866.
d, e, f. Purchased, Aug. 5, 1867.
g. Purchased, June 10, 1868.
h. Presented by D. Thompson, Esq., Dec. 31, 1868.
i. Purchased, Dec. 17, 1870.
j. Male. Presented by H. A. M. de Lichtabbell, Esq., July 21, 1874.
k. Male. Presented by H. A. M. de Lichtabbell, Esq., Sept. 6, 1874.
l. Deposited, Oct. 13, 1874.
m. Received in exchange, July 8, 1875.
n. Female. Presented by C. S. N. Newman, Esq., Nov. 11, 1875.
o. Female. Presented by Dr. Stirling, June 20, 1876.
p. Female. Presented by L. C. Brown, Esq., Jan. 17, 1877.
q. Presented by Mrs. Escott, July 18, 1877.
r. Presented by Edward Wright, Esq., July 6, 1878.
s. Female. Presented by Miss Agnes Barker, Aug. 15, 1879.
t. Male. Purchased, Sept. 23, 1879.
u. Female, Deposited, Nov. 7, 1879.
v. Male. Presented by the Rev. J. L. Sabunjie, Dec. 17, 1879.
w. Presented by Lady Dorothy Nevill, March 6, 1880.
x. Female. Presented by Mrs. Ladell, March 17, 1880.
y. Deposited, May 26, 1880.

z. Presented by E. A. Evans, Esq., Nov. 9, 1880.
*a*¹. Male. Presented by W. Behrens, Esq., Nov. 17, 1880.
*b*¹. Presented by J. E. Saunders, Esq., Dec. 9, 1880.
*c*¹. Female. Presented by R. Chauncy, Esq., Jan. 25, 1881.
*d*¹. Male. Presented by H. Aylesbury, Esq., June 11, 1881.
*e*¹, *f*¹. Presented by H. P. Sherlock, Esq., Sept. 3, 1881.
*g*¹. Presented by Mrs. Paterson, Sept. 16, 1881.
*h*¹. Presented by Mr. J. Pope, Oct. 19, 1881.
*i*¹. Female. Presented by C. A. Rose, Esq., Dec. 21, 1881.
*j*¹. Deposited, Jan. 1, 1882.
*k*¹. Male. Presented by R. A. St. Leger, Esq., Feb. 10, 1882.
*l*¹. Presented by Robert Mills, Esq., April 13, 1882.
*m*¹. Presented by Mrs. Cumberleye, July 25, 1882.
*n*¹. Deposited, Oct. 26, 1882.

18. *Cercopithecus lalandii*, Is. Geoffr. Vervet Monkey.

Hab. South Africa.

a–*e*². See former editions.
*f*². Male. Presented by O. Billinghurst, Esq., May 8, 1876.
*g*². Deposited, Oct. 26, 1876.
*h*². Female. Presented by F. Nash, Esq., Dec. 16, 1876.
*i*². Male; *j*². Female. Presented by F. G. Butler, Esq., Jan. 25, 1877.
*k*². Deposited, Sept. 5, 1877.
*l*². Deposited, Oct. 2, 1877.
*m*². Presented by J. H. Taylor, Esq., Nov. 27, 1877.
*n*². Presented by J. Bennet, Esq., March 23, 1878.
*o*². Presented by G. W. Twining, Esq., May 3, 1878.
*p*². Presented by W. T. Millar, Esq., Aug. 25, 1879.
*q*². Presented by E. Meyerstein, Esq., Sept. 25, 1879.
*r*². Presented by Sir Arthur Scott, Bart., Oct. 4, 1879.
*s*². Male. Deposited, Nov. 4, 1879.
*t*². Male. Presented by L. Samuel, Esq., April 7, 1880.
*u*². Male. Presented by Frank Simpson, Esq., May 27, 1880.
*v*². Female. Deposited, Sept. 9, 1880.
*w*². Male. Presented by Mrs. Brassey, Oct. 11, 1881.
*y*². Male. Presented by R. M. Edger, Esq., Nov. 25, 1881.
*z*². Presented by Mr. F. W. Gourlay, April 15, 1882.
*a*³. Presented by H. T. Hardcastle, Esq., Oct. 18, 1882.
*b*³. Male. Presented by G. H. Jones, Esq., Oct. 27, 1882.

19. *Cercopithecus griseo-viridis*, Desm. Grivet Monkey.

Hab. North-east Africa.

a. Purchased, Feb. 27, 1864.
b. Deposited, Jan. 9, 1865.
c. Presented by His Royal Highness the Prince of Wales, F.Z.S. Feb. 24, 1865.

d. Deposited, Oct. 18, 1865.
e. Presented by E. G. Brietzeke, Esq., Oct. 10, 1868.
f. Female. Presented by Capt. J. Cracknell, March 30, 1869.
g. Male. Presented by Mrs. Vaughan, June 12, 1871.
h. Male. Deposited, Dec. 4, 1871.
i, *j*. Males. Presented by Dr. Horner, Dec. 21, 1872.
k. Females. Presented by J. Daws Bray, Esq., Jan. 17, 1873.
l. Male. Presented by Mrs. Contearn, Dec. 31, 1873.
m. Female. Presented by T. T. Sich, Esq., Oct. 21, 1876.
n. Male. Deposited, Nov. 23, 1876.
o. Female. Presented by J. W. Richardson, Esq., March 14, 1877.
p. Male. Presented by J. Harvey, Esq., July 30, 1877.
q. Female. Presented by W. D. James, Esq., Sept. 18, 1877.
r. Male. Presented by R. Dudgeon, Esq., Oct. 5, 1877.
s. Female. Presented by Madame Patey, Jan. 19, 1878.
t. Presented by E. H. Lockley, Esq., Feb. 14, 1878.
u. Presented by W. B. Greenfield, Esq., April 8, 1879.
v. Male. Presented by R. M. Courage, Esq., July 1, 1879.
w. Female. Presented by H. E. Laver, Esq., March 11, 1880.
x. Male. Presented by W. C. Gordon, Esq., March 20, 1880.
y Female. Presented by Capt. Barrow, Nov. 7, 1881.
z. Presented by Lionel Hart, Esq., Aug. 23, 1881.

20. *Cercopithecus callitrichus*, Is. Geoffr. Green Monkey.

Hab. West Africa.

a–z^1. See former editions.
a^2. Presented by James Bennet, Esq., March 23, 1878.
b^2. Male. Presented by G. Milward, Esq., April 13, 1878.
c^2. Female. Presented by Mrs. C. Yeomans, June 30, 1878.
d^2. Male. Presented by H. Hands, Esq., Oct. 31, 1878.
e^2. Female. Presented by Miss G. E. Marryatt, Nov. 15, 1878.
f^2. Presented by A. G. Lytton Squires, Esq., Dec. 4, 1878.
g^2. Female. Presented by J. Williams, Esq., Dec. 14, 1878.
h^2. Female. Presented by Mr. Carroll, Jan. 10, 1879.
i^2. Male. Presented by J. Douglas Murray, Esq., Feb. 21, 1879.
j^2. Female. Presented by Miss E. A. B. Payton, March 4, 1879.
k^2. Male. Presented by J. N. T. Marthege, Esq., March 28, 1879.
l^2. Male. Presented by C. F. S. Day, Esq., Aug. 15, 1879.
m^2. Male. Presented by F. Peake, Esq., F.Z.S., July 22, 1880.
n^2. Presented by Mr. A. Haynes, Oct. 31, 1880.
o^2. Female; p^2. Purchased, June 24, 1881.
q^2. Presented by Mr. G. Aldridge, Oct. 25, 1881.

r^2. Deposited, Dec. 12, 1881.
s^2. Female; t^2. Young. Received in exchange, May 1, 1882.
u^2. Female. Presented by Mrs. Gretton, Nov. 21, 1882.

21. *Cercopithecus rufo-viridis*, Is. Geoffr. Mozambique Monkey.

Hab. Mozambique.

a. Presented by Commander Bedingfield, R.N., June 14, 1859. From the Zambesi. See P. Z. S. 1860, p. 420. Mus. Brit.
b. Presented by G. Billing, Esq., June 1, 1860.

22. *Cercopithecus patas* (Schr.). Patas Monkey.

Hab. West Africa.

a. Presented by G. E. Stanley, Esq., Aug. 1, 1863.
b–d. Purchased, Dec. 27, 1864.
e. Purchased, Aug. 11, 1866.
f. Purchased, Aug. 7, 1868.
g. Presented by Clement P. Penny, Esq., Sept. 28, 1869.
h. Female. Deposited, Nov. 8, 1870.
i. Female. Presented by E. Hoad, Esq., July 14, 1873.
j. Female. Presented by A. E. Oakes, Esq., Dec. 22, 1873.
k. Male. Purchased, July 11, 1874.
l. Male. Presented by Dr. R. F. Mayne, Nov. 3, 1874. See P. Z. S. 1874, p. 664.
m. Female. Purchased, Jan. 12, 1875.
n. Male. Purchased, April 14, 1875.
o. Female. Deposited, May 6, 1875.
p. Female. Presented by J. W. Feather, Esq., Dec. 5, 1875.
q. Female. Presented by Mr. E. Poulson, June 21, 1877.
r. Female. Deposited, Dec. 14, 1877.
s. Presented by W. H. Wylde, Esq., Aug. 13, 1878.
t. Purchased, Oct. 16, 1878.
u. Female. Presented by Dr. Horlock, Nov. 19, 1880.
v. Purchased, June 17, 1881.

23. *Cercopithecus pyrrhonotus*, Hempr. et Ehr. Nisnas Monkey.

Hab. Nubia.

a. Female. Presented by Col. the Hon. P. Fielding, June 16, 1871. See P. Z. S. 1871, p. 623.
b. Female. Deposited, March 31, 1875.
c. Male. Presented by B. C. Simpson, Esq., March 22, 1877.
d. Female. Presented by W. D. James, Esq., Sept. 18, 1877.
e. Purchased, Nov. 9, 1878.
f. Male. Presented by Mrs. F. Dixon, Sept. 29, 1882. From Somali Land, East Africa.

24. *Cercopithecus albigularis*, Sykes. Sykes's Monkey.

Hab. East Africa.

a. Received in exchange, Dec. 15, 1864.
b. Purchased, Jan. 12, 1865.
c. Purchased, Aug. 22, 1865.
d. Deposited, May 22, 1866.
e, *f*. Purchased, Sept. 4, 1868.
g. Female. Purchased, Aug. 1, 1871.
h. Female. Deposited, April 15, 1872.
i. Male. Purchased, June 18, 1872.
j. Male. Presented by F. R. H. Lambert, Esq., July 30, 1872.
k. Female. Deposited, Feb. 11, 1875.
l. Presented by J. B. Tunnard, Esq., Aug. 23, 1875.
m. Male. Presented by R. Payne, Esq., Dec. 11, 1876.
n. Male. Presented by Capt. Benson, Sept. 4, 1878.
o. Female. Presented by Mrs. R. Wynne Roberts, Feb. 3, 1880.
p. Female. Presented by Miss Mabel Beale, Feb. 4, 1880.
q. Male. Presented by E. S. Savage, Esq., March 20, 1880.
r. Female. Presented by the Officers of the Royal Yacht 'Osborne,' Oct. 27, 1880.
s. Female. Deposited, July 13, 1881.
t. Female. Presented by H. W. M. Shewell, Esq., Lieut. R.A., Aug. 3, 1881.
u. Female. Purchased, Nov. 9, 1881.
v. Male. Presented by H. Gunning, Esq., Feb. 2, 1882.
w. Male. Presented by Ballantine Dykes, Esq., June 8, 1882.
x. Female. Presented by Capt. F. W. Schwedler, Oct. 3, 1882.

25. *Cercopithecus mona* (Schreb.). Mona Monkey.

Hab. West Africa.

a. Purchased, April 5, 1862.
b. Received in exchange, March 9, 1865.
c, *d*. Purchased, March 6, 1867.
e. Purchased, June 24, 1867.
f. Purchased, June 27, 1867.
g. Purchased, March 10, 1868.
h. Purchased, May 8, 1868.
i. Female. Purchased, March 31, 1871.
j, *k*. Males; *l*, *m*. Females. Purchased, Dec. 29, 1871.
n, *o*. Females. Purchased, April 7, 1874.
p. Female. Deposited, Nov. 12, 1875.
q. Male. Presented by the Rev. W. N. Ripley, Oct. 2, 1878.
r. Female. Presented by Miss Sandford, March 22, 1879.
s. Female. Deposited, Nov. 7, 1879.
t. Female. Presented by J. G. Hamilton, Esq., May 31, 1880.

u. Male. Presented by W. Macmillan Scott, Esq., Feb. 22, 1881.
v. Deposited, Dec. 15, 1881.

26. *Cercopithecus diana* (Linn.). Diana Monkey.

Hab. West Africa.

a, *b*. Purchased, June 14, 1864.
c. Purchased, Aug. 30, 1865.
d. Purchased, May 18, 1866.
e. Purchased, July 18, 1866.
f. Purchased, Aug. 5, 1867.
g. Male. Purchased, May 8, 1869.
h. Female. Purchased, Aug. 22, 1871.
i. Male. Presented by H. Worrall, Esq., May 2, 1872.
j. Male. Purchased, June 10, 1873.
k. Female. Purchased, March 15, 1875.
l. Female. Presented by Walter Mayhew, Esq., Dec. 7, 1877.
m. Presented by P. Spink, Esq., Dec. 13, 1877.
n. Female. Received in exchange, May 8, 1879.
o, *p*. Female. Presented by F. J. Crocker, Esq., Aug. 14, 1878.
q. Purchased, June 24, 1881.
r. Presented by Louis Wyatt, Esq., Aug. 19, 1881.
s. Male. Purchased, March 29, 1882.
t. Male. Presented by Messrs. L. and G. Boljohn, June 27, 1882.
u. Presented by the Rev. C. Harris, Aug. 21, 1882.

27. *Cercopithecus erxlebeni*, Dahlb. et Puch. Erxleben's Monkey.

Hab. West Africa.

a. Purchased, Dec. 17, 1870. See P. Z. S. 1871, p. 36.
b. Female. Presented by J. J. Monteiro, Esq., C.M.Z.S., June 26, 1873. From the river Congo.
c. Female. Purchased, Aug. 5, 1881.
d. Purchased, Sept. 5, 1882.

28. *Cercopithecus erythrogaster*, Gray. Red-bellied Monkey.

Hab. West Africa.

a. Purchased, March 16, 1866. Specimen described and figured, P. Z. S. 1866, p. 168, pl. xvi. See also notes by Dr. Murie, P. Z. S. 1866, p. 380.
b. Purchased, May 8, 1869. See P. Z. S. 1869, p. 430.

29. *Cercopithecus campbelli,* Waterh. Campbell's Monkey.

Hab. West Coast of Africa.

a. Female. Presented by Mrs. E. Ivey, June 15, 1872.
b. Purchased, Dec. 15, 1874. See P. Z. S. 1875, p. 1.
c. Male. Presented by Capt. Damm, ship 'Cupido,' May 10, 1875.
d. Male. Presented by Miss A. J. Brown, Oct. 9, 1875.
e. Deposited, Nov. 12, 1875.
f. Presented by the Rev. C. Harris, Aug. 21, 1882.

30. *Cercopithecus pluto,* Gray. Pluto Monkey. (Fig. 1.)

Hab. West Africa.

a. Male. Purchased, Aug. 3, 1870. See P. Z. S. 1870, p. 670.
b. Purchased, Dec. 17, 1870. See P. Z. S. 1871, p. 36.
c. Purchased, June 29, 1871.

Fig. 1.

Cercopithecus pluto. (P. Z. S. 1848, p. 57.)

d. Female. Purchased, Aug. 12, 1871.
e. Male. Purchased, Jan. 24, 1872.

f. Male. Purchased, June 25, 1872.
g. Male. Received in exchange, July 2, 1872.
h. Female. Purchased, March 6, 1873.
i. Male. Purchased, May 10, 1873.
j, *k*. Females. Purchased, Aug. 17, 1881.
l. Female. Purchased, Nov. 9, 1881.
m. Male; *n*. Female; *o*. Young. Purchased, Feb. 15, 1882.

31. *Cercopithecus cephus* (Linn.). Moustache Monkey.

Hab. West Africa.

a. Purchased, Oct. 21, 1862.
b. Purchased, Aug. 30, 1865.
c, *d*. Purchased, Aug. 11, 1866.
e. Purchased, March 6, 1867.
f. Purchased, Aug. 5, 1867.
g. Presented by J. J. Monteiro, Esq., C.M.Z.S., Sept. 21, 1867.
h–*k*. Received in exchange, July 3, 1868.
l. Presented by Dr. Dyer, Nov. 16, 1868.
m, *n*. Received in exchange, July 2, 1869.
o. Male. Presented by Major-General Gambier, July 19, 1870.
p. Male. Presented by Mr. F. Barnett, Nov. 8, 1870.
q. Female. Purchased, Aug. 22, 1871.
r. Received in exchange, Dec. 21, 1871.
s. Female. Purchased, March 5, 1872.
t. Female. Purchased, March 6, 1872.
u. Female. Purchased, Feb. 7, 1873.
v, *w*. Females. Purchased, June 10, 1873.
x. Female. Presented by J. J. Monteiro, Esq., F.Z.S., June 26, 1873. From Cabinda, West Africa.
y. Female. Purchased, Feb. 10, 1874.
z. Female. Received, July 16, 1874.
a^1. Male. Presented by E. F. Domville, Esq., Lieut. R.N., Aug. 10, 1877.
b^1, c^1. Purchased, Nov. 6, 1879.
d^1, e^1. Female. Presented by Charles Atkins, Esq., Nov. 2, 1880.
f^1–h^1. Female. Purchased, June 24, 1881.
i^1. Male. Presented by F. G. S. Laye, Esq., Nov. 14, 1881.
j^1. Deposited, Aug. 10, 1882.
k^1. Presented by Mrs. Heath, Sept. 13, 1882.

32. *Cercopithecus nictitans* (Linn.). Hocheur Monkey.

Hab. West Africa.

a. Purchased, Jan. 17, 1865.
b. Purchased, April 8, 1871.
c. Purchased, July 26, 1871.
d. Male. Purchased, April 13, 1872.

e. Female. Purchased, May 16, 1873.
f. Female. Purchased, April 6, 1874.
g. Female. Purchased, Sept. 23, 1874.
h. Purchased, May 30, 1880.
i. Purchased, Nov. 4, 1880.

33. *Cercopithecus petaurista* (Schreb.). Lesser White-nosed Monkey.

Hab. West Africa.

a. Deposited, Oct. 21, 1864.
b. Deposited, June 13, 1866.
c. Purchased, July 18, 1866.
d. Purchased, Aug. 11, 1866.
e. Deposited, Dec. 16, 1867.
f. Received in exchange, June 24, 1868.
g. Male. Purchased, Feb. 13, 1871.
h. Male. Presented by John Gordon, Esq., May 14, 1875.
i. Presented by F. Ward, Esq., March 27, 1876.
j. Male; *k.* Female. Presented by Mr. Miles, July 21, 1876.
l. Presented by Mrs. Cleaver, June 4, 1877.
m. Male. Presented by R. F. Clothier, Esq., July 15, 1879.
n. Female. Purchased, May 3, 1881.
o. Male. Purchased, Aug. 16, 1881.
p. Male. Deposited, April 21, 1882.
q. Female. Deposited, May 22, 1882.
r. Purchased, May 31, 1882.
s. Deposited, Aug. 3, 1882.
t. Male. Deposited, Dec. 13, 1882.

34. *Cercopithecus ludio,* Gray. Ludio Monkey.

Hab. West Africa.

a. Purchased, May 26, 1868.
b. Female. Deposited, Aug. 7, 1871.
c. Female. Purchased, Jan. 24, 1872.
d. Female. Purchased, June 27, 1872.
e. Female. Presented by J. G. Hamilton, Esq., May 31, 1880.
f. Female. Presented by Capt. Barrow, Nov. 7, 1880.
g. Female. Purchased, April 28, 1881.
h. Male. Purchased, April 15, 1882.

Genus CERCOCEBUS.

35. *Cercocebus collaris* (Gray). White-collared Mangabey.

Hab. West Africa.

a, b. Received in exchange, Aug. 16, 1864.
c. Presented by A. F. Ridgway, Esq., Dec. 3, 1864.

d. Purchased, Dec. 13, 1866.
e. Presented by Capt. James Erskine, R.N., Feb. 6, 1867.
f. Purchased, Aug. 5, 1867.
g. Deposited, Dec. 7, 1867.
h. Purchased, Jan. 27, 1868.
i. Presented by the Rev. Dan. Greatorex, Jan. 28, 1868.
j, *k*. Presented by Dr. Leared, Dec. 19, 1868.
l. Female. Presented by Col. Addison, April 14, 1869.
m. Male. Purchased, Feb. 3, 1871.
n. Male. Purchased, June 10, 1873.
o. Male. Presented by Capt. Barrow, Nov. 7, 1880.
p. Purchased, June 24, 1881.
q. Male. Presented by James Jameson, Esq., Aug. 17, 1881.

36. *Cercocebus fuliginosus*, Geoffr. Sooty Mangabey.

Hab. West Africa.

a. Presented by — Addison, Esq., April 13, 1864.
b, *c*. Purchased, Aug. 30, 1865.
d. Deposited, Nov. 24, 1865.
e. Deposited, July 23, 1866.
f. Female. Purchased, Sept. 7, 1869.
g. Male. Purchased, May 3, 1870.
h. Male. Purchased, June 6, 1870.
i. Presented by General Osborne, Sept. 30, 1870.
j. Male. Presented by E. Atkinson, Esq., July 14, 1871.
k. Male. Purchased, Jan. 17, 1874.
l. Female. Presented by Mr. Martin, July 22, 1874.
m. Male. Purchased, Jan. 12, 1875.
n. Male. Presented by Lieut. V. L. Cameron, April 4, 1876.
o. Male. Deposited, May 17, 1877.
p. Female. Presented by E. Sellars, Esq., Nov. 3, 1877.
q. Male. Purchased, Oct. 14, 1881.
r. Male. Presented by Lady Stafford, Nov. 9, 1882.

37. *Cercocebus æthiops* (Linn.). White-crowned Mangabey.

Hab. West Africa.

a. Purchased, July 31, 1862.
b. Presented by F. van Zeller, Esq., June 15, 1870.
c. Female. Presented by W. G. Petchett, Esq., March 5, 1875.

38. *Cercocebus albigena* (Gray). Grey-cheeked Mangebey.

Hab. West Africa.

a. Purchased, Sept. 12, 1865. See notice by Dr. Murie, P. Z. S. 1865, p. 740.
b. Purchased, Aug. 22, 1866.

c. Presented by Capt. James Erskine, R.N., Feb. 16, 1867.
d. Female. Purchased, May 26, 1869.
e. Female. Purchased, July 30, 1869.
f. Female. Purchased, Aug. 12, 1871.
g. Female. Purchased, Jan. 24, 1872.
h. Male. Received in exchange, Oct. 10, 1872.
i. Male. Presented by the late H. Ansell, Esq., May 27, 1875.
j. Female. Presented by Robert Surrey, Esq., May 20, 1879.
k. Male. Presented by Capt. Thomas, May 11, 1880.
l. Female. Presented by the Earl of Lonsdale, F.Z.S., May 28, 1880.
m. Purchased, June 24, 1881.

Genus Macacus.

39. *Macacus sinicus* (Linn.). Bonnet-Monkey.

Hab. Continental India.

a–z^4. See former editions.
a^5. Male. Presented by H. Willatt, Esq., May 25, 1878.
b^5. Female. Presented by A. C. Forbes, Esq., June 27, 1878.
c^5. Male. Presented by Capt. Clarke, Aug. 26, 1878.
d^5. Presented by F. Carter, Esq., Sept. 25, 1878.
e^5. Female. Deposited, Oct. 5, 1878.
f^5. Male. Presented by Mr. F. Hinde, Nov. 12, 1878.
g^5. Male. Presented by Geo. Eggar, Esq., March 18, 1879.
h^5. Male. Presented by Mr. E. Brett, May 1, 1879.
i^5. Female. Presented by Mrs. J. Raves, Sept. 4, 1879.
j^5. Female. Presented by Mrs. Bonamy Dobree, Oct. 18, 1879.
k^5. Presented by S. E. Phillips, Esq., Oct. 20, 1879.
l^5. Male. Presented by J. E. Medley, Esq., Oct. 23, 1879.
m^5. Female. Presented by H. L. Ruegg, Esq., Nov. 14, 1879.
n^5. Male. Presented by the Rev. E. C. Ince, Dec. 12, 1879.
o^5. Presented by R. M. Drury, Esq., Dec. 17, 1879.
p^5. Presented by J. R. Cullen, Esq., March 24, 1880.
q^5, r^5. Deposited, July 30, 1880.
s^5. Male. Presented by C. Kerry Nicholls, Esq., Sept. 1, 1880.
t^5. Male. Deposited, Oct. 11, 1880.
u^5. Female. Presented by William Underwood Harvey, Esq., Nov. 3, 1880.
v^5. Female. Presented by Mr. M. Nicholson, Nov. 13, 1880.
w^5. Female. Presented by A. W. Okes-Voysey, Esq., March 12, 1881.
x^5. Deposited, Aug. 27, 1881.
y^5. Presented by J. Thompson, Esq., Sept. 19, 1881.
z^5. Presented by Mr. C. Green, Sept. 20, 1881.
a^6. Deposited, Oct. 10, 1881.
b^6. Female. Deposited, Oct. 11, 1881.

c^6. Female. Presented by the Rev. R. H. Manley, Nov. 18, 1881.
d^6. Female. Presented by Mr. Kessels, Jan. 14, 1882.
e^6. Female. Presented by Mrs. Nicholson, March 20, 1882.
f^6. Female. Presented by H. Worth, Esq., March 25, 1882.
g^6. Female. Presented by F. W. Blackiston, Esq., April 6, 1882.
h^6. Presented by T. W. Fremlin, Esq., April 17, 1882.
i^6. Female. Presented by H. B. Hamer, May 11, 1882.
j^6. Male. Presented by Master G. H. Clark, June 17, 1882.
k^6. Female. Presented by Mrs. Morris, July 1, 1882.
l^6. Male. Presented by A. S. Gissing, Esq., Nov. 16, 1882.
m^6. Presented by W. Nash, Esq., Nov. 30, 1882.
n^6. Female. Presented by W. Percy Laing, Esq., Dec. 9, 1882.
o^6. Male; p^6. Female. Presented by N. Cotton, Esq., Dec. 21, 1882.

40. *Macacus pileatus* (Shaw). Toque Monkey.

Hab. Ceylon.

a. Presented by Capt. Kelsall, R.E., July 31, 1862.
b. Deposited, Aug. 24, 1863.
c. Presented by Miss Maria Laura Ronald, Dec. 13, 1865.
d. Presented by Mrs. John Williams, Oct. 19, 1866.
e. Purchased, June 5, 1868.
f. Male. Presented by Mr. A. S. Redrup, May 14, 1872.
g. Male. Presented by the Sergeants of the First Battalion Scots Fusileers, July 31, 1873.
h. Male. Purchased, Oct. 4, 1873.
i. Presented by Mrs. Thomas, Sept. 3, 1874.
j. Female. Presented by A. Ferris, Esq., May 12, 1875.
k. Male. Deposited, April 25, 1877.
l. Male. Presented by Master R. C. Heyworth, May 8, 1878.
m. Presented by Mrs. Tranchell, Oct. 29, 1878.
n. Presented by H. P. Brenan, Esq., R.N., June 4, 1880.
o. Male. Presented by Mrs. Evans, Jan. 23, 1882.

41. *Macacus cynomolgus* (Linn.). Macaque Monkey.

Hab. India.

a–z^6. See former editions.
a^7. Presented by Mr. F. Beck, Nov. 19, 1878.
b^7. Female. Presented by Dr. Whately, R.N., Nov. 26, 1878.
c^7. Male. Deposited, Dec. 20, 1878.
d^7. Female. Presented by Mr. W. Trent, Jan. 9, 1879.
e^7. Female. Presented by D. D'Orpen, Esq., Jan. 14, 1879.
f^7. Male. Presented by E. E. Barclay, Esq., Jan. 27, 1879.

g^7. Female. Presented by Mrs. Eardley Holt, Jan. 30, 1879.
h^7. Male. Presented by C. A. Thomson, Esq., May 5, 1879.
i^7. Female. Presented by F. V. Goddard, Esq., May 5, 1879.
j^7. Female. Presented by P. Leman, Esq., May 10, 1879.
k^7. Male. Presented by Mr. G. T. Close, June 19, 1879.
l^7. Presented by Miss E. Catlin, June 20, 1879.
m^7. Male. Presented by Mrs. James Raves, Sept. 4, 1879.
n^7. Female. Presented by W. Leckie, Esq., Oct. 7, 1879.
o^7. Presented by T. Hobbs, Esq., Oct. 14, 1879.
p^7. Male. Presented by Mrs. Franklin, Oct. 21, 1879.
q^7. Male. Deposited, Nov. 25, 1879.
r^7. Female. Presented by Mrs. L. C. Piggott, Dec. 30, 1879.
s^7. Male. Presented by J. Snowdon Henry, Esq., F.Z.S., Feb. 14, 1880.
t^7, u^7. Hybrids between this species and *M. erythræus*. Presented by J. Snowdon Henry, Esq., F.Z.S., Feb. 14, 1880.
v^7. Presented by Mrs. Macaulay, Feb. 21, 1880.
w^7. Female. Deposited, March 1, 1880.
x^7. Male. Presented by Mrs. S. M. Young, March 3, 1880.
y^7. Male. Presented by Mr. G. Kirby, April 1, 1880.
z^7. Deposited, May 6, 1880.
a^8. Male. Presented by F. H. Adey, Esq., June 12, 1880.
b^8. Male. Presented by Mr. J. Anson, July 26, 1880.
c^8. Male. Presented by H. G. Wainwright, Esq., Aug. 19, 1880.
d^8. Male. Presented by Cecil Peele, Esq., Aug. 19, 1880.
e^8. Male. Presented by George G. Turner, Esq., Aug. 26, 1880.
f^8. Male. Presented by Major Gape, Sept. 20, 1880.
g^8. Female. Presented by H. J. Thimbleby, Esq., Sept. 28, 1880.
h^8. Male. Presented by W. B. Tustin, Esq., Oct. 13, 1880.
i^8. Presented by F. W. Manley, Esq., Oct. 24, 1880.
j^8. Presented by M. M. Winchester, Esq., Nov. 6, 1880.
k^8. Female. Presented by George Comyns, Esq., Jan. 29, 1881.
l^8. Male. Presented by A. Dawling, Esq., Jan. 5, 1881.
m^8. Male. Deposited, March 17, 1881.
n^8. Male. Presented by R. J. Short, Esq., April 5, 1881.
o^8. Male. Presented by Mr. W. Nugent, June 2, 1881.
p^8. Male. Presented by Mr. H. Dummett, Aug. 11, 1881.
q^8. Female. Presented by Mr. R. Edge, Aug. 17, 1881.
r^8. Female. Presented by the Rev. George Cuffe, Aug. 22, 1881.
s^8. Presented by James W. Duncan, Esq., Aug. 30, 1881.
t^8. Male. Presented by H. Cox, Esq., Sept. 18, 1881.
u^8. Presented by Mr. W. Thomson, Sept. 21, 1881.
v^8. Female. Presented by G. E. Jarvis, Esq., Oct. 11, 1881.
w^8. Female. Presented by G. R. J. Glennie, Esq., Oct. 18, 1881.

x^8. Male; y^8. Female. Deposited, Jan. 13, 1882.
z^8. Male. Presented by Mrs. Richardson, March 5, 1882.
a^9. Female. Presented by Mrs. Hill, March 16, 1882.
b^9. Female. Presented by E. W. Hills, Esq., April 14, 1882.
c^9. Female. Presented by Mr. F. Forman, May 16, 1882.
d^9. Hybrid between this species and *Macacus erythræus*. Born in the Menagerie, July 13, 1882.
e^9. Male. Deposited, July 14, 1882.
f^9. Female. Presented by Lady Parkyns, July 20, 1882.
g^9. Presented by F. Logie Pirie, Esq., Aug. 7, 1882.
h^9. Male. Presented by Mrs. Crawford, Aug. 31, 1882.
i^9. Male; j^9. Female. Presented by F. J. Newton, Esq., Sept. 15, 1882.
k^9. Male. Presented by Mrs. Paris, Sept. 26, 1882.
l^9. Male; m^9. Female. Presented by L. Bennett, Esq., Sept. 28, 1882.
n^9, o^9. Females. Presented by A. Cornet, Esq., Oct. 10, 1882.
p^9. Presented by Mrs. Snell, Nov. 6, 1882.
q^9. Presented by J. Knight, Esq., Nov. 9, 1882.
r^9. Male. Presented by Lady Sibyl Tollemache, Dec. 16, 1882.

42. *Macacus nemestrinus* (Linn.). Pig-tailed Monkey.
Hab. Java.

a–*z*. See former editions.
a^1. Female. Presented by E. M. Clissold, Esq., May 2, 1879.
b^1. Female. Presented by Capt. A. W. Shean, May 10, 1879.
c^1. Presented by Mrs. Walter Crane, Oct. 2, 1879.
d^1. Male. Deposited, Feb. 21, 1880.
e^1. Male. Presented by J. M. Donovan, Esq., May 12, 1880. From Sumatra.
f^1. Male. Presented by Mr. W. C. Lawes, May 31, 1880.
g^1. Male. Presented by R. M. Staveley, June 2, 1882.
h^1. Male. Presented by W. Mason, Esq., Sept. 9, 1882.
i^1. Male. Deposited, Nov. 8, 1882.

43. *Macacus sancti-johannis* (Swinhoe). St. John's Monkey.
Hab. North Lena Island, Hong-Kong, China.

a. Purchased, Jan. 14, 1867. Original specimen received from Mr. Swinhoe, and described by him in P. Z. S. 1866, p. 556.
b. Presented by T. J. Fawcett, Esq., Oct. 29, 1867.

44. *Macacus leoninus* (Blyth). Leonine Monkey. (Fig. 2.)
Hab. Arracan.

a. Female. Presented by Capt. R. A. Brown, R.N., July 8,

1869. Specimen named by Mr. Bartlett *M. andamanensis*, Land and Water, July 24, 1868. See P. Z. S. 1869, p. 467, and 1870, p. 663.

Fig. 2.

Macacus leoninus. (P. Z. S. 1869, p. 467.)

b. Male. Purchased, June 14, 1870. Specimen figured, P. Z. S. 1870, pl. xxxv. p. 664.
c. Female. Presented by F. Barbellion, Esq., Sept. 2, 1876.
d. Male. Deposited, Sept. 28, 1877.
e. Male. Deposited, Sept. 20, 1878.
f. Male. Received in exchange, June 14, 1880.

45. *Macacus rhesus* (Aud.). Rhesus Monkey.

Hab. Continental India.

a–y^3. See former editions.
z^3. Female. Presented by F. C. Grosvenor, Esq., Jan. 17, 1880.
a^4. Received in exchange, May 5, 1880.
b^4. Presented by W. Connell, Esq., June 14, 1880.
c^4. Male. Presented by G. L. Amlot, Esq., June 17, 1880.
d^4. Male. Presented by F. Felix, Esq., June 30, 1880.
e^4. Female. Presented by Mrs. C. Salvin, July 14, 1880.
f^4. Female. Presented by J. E. Kincaid, Esq., Aug. 14, 1880.
g^4. Female. Presented by the Rev. J. A. Saunders, B.A., Oct. 27, 1880.
h^4. Male. Presented by Miss Tilbury, Nov. 2, 1880.
i^4. Born in the Gardens, June 6, 1881.
j^4 Presented by H. Kerr, Esq., June 7, 1881.
k^4. Born in the Menagerie, June 13, 1881.
l^4. Female. Presented by F. Smyth, Esq., Oct. 3, 1881.
m^4. Female. Deposited, Dec. 21, 1881.
n^4. Female. Presented by Mr. William Trent, Dec. 29, 1881.
o^4. Male. Deposited, Feb. 20, 1882.
p^4. Presented by Mrs. Lamprey, April 27, 1882.
q^4. Female. Presented by Capt. E. B. Stevens, R.M., June 1, 1882.
r^4. Female. Presented by Mrs. H. C. Dawson, Sept. 9, 1882.
s^4. Male. Deposited, Oct. 24, 1882.
t^4. Male. Presented by G. V. Sawyer, Esq., Dec. 12, 1882.

46. *Macacus lasiotus*, Gray. Chinese Rhesus.

Hab. Interior of China.

a. Presented by Miss C. A. Winckworth, Jan. 15, 1868. From Szechuen. Specimen with tail removed, as described and figured by Dr. Gray, P. Z. S. 1868, p. 60, pl. vi. See Sclater, P. Z. S. 1871, p. 221.
b. Male. Presented by Messrs. B. Morris and A. H. Brown, Jan. 24, 1880.
c. Male. Deposited, Oct. 21, 1881.

47. *Macacus tcheliensis*, A. Milne-Edwards. Tcheli Monkey.

Hab. Northern China.

a. Male; *b*. Female. Presented by Dr. Bushell, Aug. 17, 1880. See P. Z. S. 1880, p. 537.

Acc. no. 16
18-11-

48. *Macacus cyclopis*, Swinhoe. Round-faced Monkey.

Hab. Island of Formosa.

a. Male; *b*. Female. Presented by Robert Swinhoe, Esq., F.Z.S., H.B.M.'s Vice-Consul, Formosa, Sept. 4, 1862. See Swinhoe, P. Z. S. 1862, p. 350, and 1870, p. 615; also Sclater, P. Z. S. 1864, p. 710.

49. *Macacus pelops*, Hodgs. Cashmere Monkey.

Hab. Himalayas.

a. Female. Presented by the Rev. T. P. Methuen, Aug. 29, 1869. Died Dec. 17, 1870.
b. Male. Presented by Rear-Admiral Davies, May 16, 1873.

50. *Macacus assamensis*, McClelland. Assamese Monkey.

Hab. Bhootan.

a. Deposited, Nov. 9, 1868. From Bhootan. See P. Z. S. 1868, p. 566. Died March 21, 1869. Specimen described by Dr. Gray, Cat. Monkeys, p. 128, as *Macacus problematicus*. See Sclater, P. Z. S. 1871, p. 222.

51. *Macacus rheso-similis*, Sclater. Rhesus-like Monkey.

Hab. East Indies.

a. Male. Purchased, Feb. 15, 1872. See P. Z. S. 1872, p. 495, pl. xxv., and P. Z. S. 1875, p. 418.

52. *Macacus silenus* (Linn.). Wanderoo Monkey.

Hab. Malabar coast of India.

a. Presented by Capt. Pocklington, 18th Regt., Sept. 2, 1863.
b. Presented by — Hellendaal, Esq., Dec. 23, 1865.
c, *d*. Presented by Col. Denison, May 3, 1866.
e. Presented by Gen. Sir Henry G. A. Taylor, F.Z.S., March 26, 1867.
f. Male. Presented by Capt. A. A. Davidson, Sept. 6, 1869.
g. Presented by J. W. Busteed, Esq., Nov. 17, 1870.
h. Male; *i*. Female. Purchased, Jan. 26, 1874.
j. Male. Presented by Lieut. Vipan, July 21, 1874.
k. Female. Deposited, Nov. 14, 1878.

53. *Macacus melanotus* (Ogilby). Black-backed Ape.

Hab. Borneo.

a. Purchased, June 3, 1864. See P. Z. S. 1875, p. 418, and 1876, p. 425.

54. *Macacus speciosus*, F. Cuv. Japanese Ape.

Hab. Japan.

a. Female. Presented by Abel A. J. Gower, Esq., April 2, 1874. See P. Z. S. 1875, p. 418, pl. XLVII.

55. *Macacus maurus* (F. Cuv.). Moor Macaque.

Hab. East Indies.

a. Purchased, August, 1860. See P. Z. S. 1861, p. 420.
b. Purchased, Feb. 21, 1866. Specimen described and figured by Dr. Gray as *M. inornatus*, P. Z. S. 1866, p. 292, pl. XIX. See Sclater, P. Z. S. 1871, p. 222.
c. Purchased, Jan. 1, 1871. See P. Z. S. 1871, p. 223.
d, *e*. Purchased, April 19, 1880.

56. *Macacus arctoides*, F. Cuv. et Geoffr. Brown Monkey.

Hab. Burmah.

a Male. Presented by Mr. Oscar Fraser, Feb. 14, 1872. Specimen figured, P. Z. S. 1872, p. 203, pl. XII., as *M. brunneus*.
b. Female. Presented by Lieut. Burne, Feb. 14, 1872. See P. Z. S. 1872, p. 494.
c. Female. Purchased, Feb. 14, 1872. See P. Z. S. 1872, p. 494, and 1874, p. 652.
d. Male. Presented by F. G. F. Hesketh, Esq., March 2, 1876. From Siam. See P. Z. S. 1876, p. 332.
e Male. Deposited, April 16, 1877.
f. Male Presented by W. H. Newman, Esq., Jan. 7, 1878. From the Forests of Laos, N. Siam.

57. *Macacus rufescens*, Anderson. Reddish Macaque.

Hab. East Indies.

a. Male. Purchased, Feb. 14, 1872. See P. Z. S. 1872, p. 495, pl. XXIV.
b. Female. Purchased, Jan. 20, 1873. See P. Z. S. 1873, p. 194.

58. *Macacus ocreatus* (Ogilby). Ashy-black Macaque.

Hab. East Indies.

a. Purchased, —1858. Specimen described and figured, P. Z. S. 1860, p. 420, pl. LXXXII.
b. Purchased, May 31, 1870. See P. Z. S. 1870, p. 383.
c, *d*. Purchased, Jan. 1, 1871.

e. Presented by Lieut. A. E. Puzey, Esq., Oct. 10, 1868.
f. Presented by Comm. W. G. Aldrich, R.N., Jan. 22, 1869.
g. Male. Presented by H. Duncan, Esq., Feb. 15, 1870.
h. Presented by Ch. Booth, Esq., April 24, 1870.
i. Male. Presented by the Non-commissioned Officers and Sappers of the 11th Company of Royal Engineers, Sept. 13, 1870. From Abyssinia.
j. Male. Presented by Capt. T. A. Hunter, Dec. 27, 1871.
k. Male. Presented by Miss Pandon, Nov. 25, 1873.
l. Presented by Mrs. M. A. Moore, Nov. 15, 1875.
m. Female. Presented by G. J. Atkins, Esq., April 8, 1876.
n. Female. Purchased, March 15, 1877.
o. Female. Presented by Dr. A. P. Woodforde, April 8, 1878.
p. Male; *q*. Female. Presented by C. Wood, Esq., Nov. 8, 1878.
r. Male. Presented by the Messrs. James, June 14, 1882.

63. *Cynocephalus porcarius* (Bodd.). Chacma Baboon.

Hab. South Africa.

a. Male. Purchased, April 22, 1861.
b. Deposited, Dec. 1, 1864.
c. Presented by A. G. Smith, Esq., May 8, 1865.
d. Presented by Major Lenon, 67th Regt., Dec. 22, 1866.
e. Presented by J. Gurney Hawes, Esq., Feb. 11, 1867.
f. Presented by Thomas Lancaster, Esq., May 10, 1867.
g. Deposited, May 26, 1867.
h. Deposited, July 25, 1867.
i. Presented by J. P. Spring, Esq., 5th Fusileers, Nov. 9, 1867.
j. Presented by Lieut. Booth, 5th Fusileers, Nov. 9, 1867.
k. Male. Presented by Alex. Sinclair, Esq., Nov. 17, 1869.
l. Presented by W. F. Harold, Esq., Nov. 29, 1870.
m. Presented by Joshua Duke, Esq., July 25, 1871.
n. Male. Presented by H. Hand, Esq., July 29, 1872.
o. Male. Presented by J. D. Lloyd, Esq., Oct. 16, 1874.
p. Presented by H. S. Wright, Esq., Oct. 11, 1876.
q, *r*. Males. Presented by Capt. W. L. Coke, April 10, 1878.
s. Deposited, Aug. 18, 1879.
t. Deposited, Sept. 18, 1879.
u. Male. Deposited, Oct. 7, 1879.
v. Presented by James S. Jameson, Esq., May 19, 1881.
w. Presented by Mrs. Findlay, May 25, 1881.
x. Male. Presented by Mrs. Robert Ross Robertson, June 10, 1881.
y. Presented by Thornburgh Cropper, Esq., June 15, 1881.
z. Deposited, July 1, 1881.
a^1. Female. Presented by W. H. L. Long, Esq., Sept. 30, 1881.
b^1. Female. Presented by Capt. Wyld, Dec. 16, 1881.

c^1. Male. Presented by F. Battersley, Esq., Feb. 10, 1882.
d^1. Female. Presented by H. Banfield, Esq., Sept. 13, 1882.
e^1. Male. Presented by Major Wood, R.A., Nov. 2, 1882.
f^1. Female. Presented by J. W. Browne, Esq., Dec. 11, 1882.

64. *Cynocephalus anubis*, F. Cuv. Anubis Baboon.

Hab. West Africa.

a. Male. Purchased, Nov. 16, 1860. See P. Z. S. 1860, p. 421.
b. Presented by the Crystal-Palace Co., July 6, 1865.
c. Female. Presented by F. Vanzeller, Esq., May 5, 1868.
d. Male. Presented by M. Olivier, Oct. 3, 1870.
e. Female. Presented by A. E. Oakes, Esq., Dec. 22, 1872.
f. Male. Presented by Mr. R. N. B. Walter, March 2, 1875.
g. Male. Received in exchange, July 26, 1876.
h. Male. Presented by H. Ward, Esq., Nov. 1, 1877.
i. Male. Deposited, Oct. 4, 1878.
j. Male. Presented by Capt. Barrow, Nov. 7, 1880.

65. *Cynocephalus babouin*, Desm. Yellow Baboon.

Hab. West Africa.

a. Purchased, April 18, 1864.
b. Received, March 8, 1865.
c. Male; *d*. Female. Purchased, Aug. 23, 1869.
e. Deposited, Oct. 25, 1869.
f. Female. Presented by J. B. Tunnard, Esq., Aug. 23, 1875.
g. Male. Purchased, Dec. 22, 1875.
h. Male; *i*. Female. Presented by St. V. L. Cameron, April 4, 1876.
j. Male. Presented by H. E. Walters, Esq., June 23, 1877.
k. Male. Presented by G. A. Shaw, Esq., Dec. 13, 1878.
l. Deposited, Sept. 18, 1879.
m. Female. Presented by Cecil B. Hankey, Esq., Nov. 20, 1879.
n. Female. Purchased, June 22, 1882.
o. Female. Presented by A. Collison, Esq., June 22, 1882.
p. Female. Purchased, Sept. 2, 1882.

66. *Cynocephalus sphinx* (Linn.). Guinea Baboon.

Hab. West Africa.

a. Deposited, Sept. 30, 1862.
b Purchased, Jan. 17, 1865.
c. Deposited, Oct. 31, 1865.
d. Presented by Mrs. Wilson, Nov. 25, 1867.
e. Presented by Dr. Hessel, July 30, 1868.

f. Presented by W. H. Roberts, Esq., Oct. 19, 1868.
g. Male. Presented by Mr. Hart, Jan. 4, 1870.
h. Female. Presented by P. D. Hadow, Esq., June 29, 1870.
i. Presented by Mrs. Smethurst, Aug. 3, 1870.
j, *k*. Males. Presented by W. Burrows, Esq., May 13, 1871.
l. Male; *m*. Female. Purchased, Jan. 12, 1872.
n. Male. Presented by T. Pauwitz, Esq., April 27, 1872.
o. Presented by P. Lambery, Esq., Aug. 19, 1879.
p. Presented by F. Naylor, Esq., Sept. 12, 1879.
q. Female. Received in exchange, July 26, 1881.
r, *s*. Females. Presented by Lionel Hart, Esq., Aug. 23, 1881.

67. *Cynocephalus mormon* (Linn.). Mandrill.

Hab. West Africa.

a. Purchased, Feb. 25, 1868.
b. Male. Presented by St. V. L. Cameron, April 4, 1876.
c. Female. Presented by F. Lovell, Esq., Sept. 5, 1877.
d, *e*. Presented by H. Garrett, Esq., June 8, 1878.
f. Female, hybrid between this species ♀ and *Macacus cynomolgus* ♂. Born in the Menagerie, Oct. 13, 1878.

68. *Cynocephalus leucophæus*, F. Cuv. Drill.

Hab. West Africa.

a, *b*. Purchased, Jan. 17, 1865.
c. Purchased, Feb. 25, 1868.
d. Male. Purchased, Jan. 6, 1874.
e. Female. Purchased, April 21, 1880.

Family CEBIDÆ.

Genus Chrysothrix.

69. *Chrysothrix sciurea* (Linn.). Squirrel Monkey.

Hab. Guiana.

a. Purchased, March 15, 1864.
b. Presented by Lieut. C. Candall, R.N., Nov. 30, 1864.
c. Purchased, Aug. 27, 1864.
d. Purchased, June 3, 1865.
e, *f*. Presented by the Prince de Joinville, June 5, 1865.
g, *h*. Purchased, July 15, 1865.
i. Purchased, Sept. 1, 1866.
j. Deposited, Nov. 7, 1866.
k. Presented by F. Foorome, Esq., Nov. 26, 1867.

l. Purchased, April 27, 1868.
m. Male. Purchased, April 16, 1869.
n. Female. Presented by F. G. H. Price, Esq., Oct. 13, 1869.
o. Presented by C. W. Newall, Esq., June 16, 1870.
p. Female. Purchased, April 4, 1871.
q. Male. Deposited, Aug. 25, 1871.
r. Male. Deposited, Aug. 19, 1872.
s. Female. Presented by Catterson Smith, Esq., Dec. 15, 1872.
t. Presented by Mrs. Paget, Dec. 10, 1873.
u. Male; *v*. Female. Purchased, May 19, 1874.
w. Male; *x*. Female. Purchased, Feb. 18, 1875.
y. Male. Purchased, Aug. 3, 1875.
z. Female. Deposited, July 23, 1877.
a^1. Purchased, Nov. 26, 1877.
b^1. Presented by E. Calthrop, Esq., Oct. 15, 1878.
c^1, d^1. Males. Purchased, May 17, 1879.
e^1, f^1. Purchased, May 3, 1881.
g^1. Male. Purchased, July 2, 1881.
h^1, i^1. Presented by F. N. Apthorp, Esq., Dec. 12, 1881.
j^1, k^1. Males. Purchased, April 18, 1882.
l^1. Male. Deposited, Sept. 14, 1882.
m^1. Presented by Mr. M. Escaré, Dec. 16, 1882.

Fig. 3.

Head of *Chrysothrix usta*. (P. Z. S. 1872, p. 689.)

70. *Chrysothrix ærstedi*, Reinh. Red-backed Squirrel Monkey.
Hab. Central America.

a. Purchased, April 29, 1873. From Veragua. See P. Z. S. 1873, p. 434.

b. Female. Presented by W. F. Kelly, Esq., Sept. 5, 1874. From Guatemala. See P. Z. S. 1874, p. 495.
c, *d*. Females. Purchased, Nov. 13, 1877. Chiriqui.

71. *Chrysothrix usta* (Is. Geoffr.). Naked-eared Squirrel Monkey. (Fig. 3, p. 27.)

Hab. Brazil.

a. Male. Deposited, July 4, 1871. See P. Z. S. 1872, p. 688.

Genus CEBUS.

72. *Cebus fatuellus* (Linn.). Brown Capuchin.

Hab. Guiana.

a–*z*. See former editions.
a^1. Female. Purchased, Feb. 27, 1872.
b^1. Male. Purchased, May 25, 1873.
c^1. Female. Presented by Lord Louth, F.Z.S., Sept. 22, 1873.
d^1. Deposited, May 22, 1874.
e^1. Presented by Chas. Wilson, Jun., Esq., June 1, 1875.
f^1. Male. Deposited, Dec. 5, 1876.
g^1. Deposited, April 16, 1877.
h^1. Presented by Mrs. Cameron, July 30, 1877.
i^1. Presented by A. Warmington, Esq., June 25, 1878.
j^1. Male. Presented by C. A. Craven, Esq., May 22, 1880.
k^1. Purchased, June 19, 1880.
l^1, m^1. Males; n^1, o^1. Females. Purchased, Aug. 4, 1880.
p^1. Male. Presented by S. E. Scrutton, Esq., Aug. 17, 1880.

73. *Cebus lunatus* (F. Cuv.). White-checked Capuchin.

Hab. Brazil.

a. Purchased, 1861. Specimen described and figured by Dr. Gray as *Cebus leucogenys*, P. Z. S. 1865, p. 824, pl. XLV. See Sclater, P. Z. S. 1871, p. 227.
b. Female. Purchased, Aug. 13, 1872.
c. Male. Purchased, March 5, 1873.
d. Male. Deposited, Sept. 17, 1873.
e. Male. Deposited, June 22, 1874.
f. Female. Presented by P. W. Bennett, Esq., F.Z.S., April 30, 1875.
g. Male. Presented by Dr. Lynn, March 16, 1876.
h. Presented by the Hon. E. Ellis, July 20, 1877.
i. Presented by J. Ikin, Esq., Jan. 29, 1878.
j. Male. Presented by Adrian Hope, Esq., Oct. 4, 1879.
k. Male. Presented by H. C. Marckmann de Lichtabbel, Esq., Oct. 3, 1880.

74. *Cebus azaræ*, Rengg. Azara's Capuchin.
Hab. Brazil.

a. Male. Purchased, Aug. 7, 1880.

75. *Cebus capucinus*, Geoffr. Weeper Capuchin.
Hab. Brazil.

a–z. See former editions.
a^1. Female. Presented by Miss L. E. Beard, May 31, 1872.
b^1. Male. Presented by S. Sulyarri, June 26, 1872.
c^1. Female. Presented by the Lady Kingston, Aug. 27, 1872.
d^1. Male. Deposited, Jan. 15, 1873.
e^1. Female. Purchased, May 6, 1873.
f^1. Female. Purchased, Aug. 29, 1873.
g^1. Male. Deposited, Sept. 12, 1874.
h^1. Male; i^1. Female. Deposited, Nov. 3, 1874.
j^1. Deposited, Sept. 10, 1875.
k^1. Presented by A. Hettner, Esq., Jan. 5, 1876.
l^1. Male. Presented by Major F. R. Peaver, April 22, 1876.
m^1. Female. Deposited, May 18, 1876.
n^1. Presented by Mrs. Standish, May 17, 1877.
o^1, p^1. Purchased, Nov. 26, 1877.
q^1. Deposited, Aug. 7, 1878.
r^1. Presented by W. Fridrick, Esq., Jan. 29, 1879.
s^1. Male. Presented by Capt. R. Bond, July 28, 1879.
t^1. Female. Presented by A. Sargent, Esq., Oct. 28, 1879.
u^1. Male. Deposited, March 30, 1880.
v^1. Purchased, June 19, 1880.
w^1. Male. Purchased, Sept. 13, 1880.
x^1–c^2. Purchased, April 9, 1881.
d^2. Presented by J. S. Chappelow, Esq., July 7, 1881.
e^2. Purchased, Aug. 22, 1882.
f^2. Purchased, Sept. 5, 1882.
g^2. Presented by A. J. M'Ewan, Esq., Dec. 15, 1882.

76. *Cebus albifrons*, Geoffr. White-fronted Capuchin Monkey.
Hab. South America.

a. Purchased, Jan. 17, 1865.
b. Purchased, Sept. 13, 1865.
c. Deposited, Feb. 26, 1866.
d. Purchased, July 20, 1867.
e. Deposited, July 25, 1867.
f, *g*. Purchased, Jan. 30, 1868.
h. Female. Deposited, Dec. 4, 1869.
i. Male. Purchased, Dec. 13, 1869.
j. Male. Purchased, Aug. 20, 1872.

k. Male. Purchased, July 30, 1873.
l. Male. Presented by T. R. Pickthorn, Esq., June 20, 1874.
m. Female. Presented by Mrs. Carpenter, Dec. 12, 1874.
n. Female. Deposited, Feb. 2, 1875.
o. Female. Purchased, July 26, 1875.
p. Male. Purchased, April 29, 1876.
q. Male. Presented by H. Warren, Esq., Aug. 4, 1876.
r. Male. Presented by the Rev. A. Roe, Sept. 2, 1876.
s. Presented by Mr. Shipman, Aug. 27, 1877.
t. Purchased, Sept. 29, 1877.
u. Female. Presented by Dayrell Davies, Esq., May 25, 1878.
v. Presented by Major H. L. Gleig, Sept. 14, 1879.
w. Presented by C. Drake Sewell, Esq., March 18, 1881.
x. Received in exchange, July 27, 1882.

77. *Cebus hypoleucus* (Humb.). White-throated Capuchin.

Hab. Central America.

a–z. See former editions.
a^1. Male; *b*^{1}. Female. Purchased, March 2, 1875.
c^1. Purchased, Oct. 30, 1875.
d^1. Purchased, April 29, 1876.
e^1. Purchased, May 31, 1876.
f^1. Presented by L. E. Jonas, Esq., June 10, 1876.
g^1. Male; *h*^{1}. Female. Purchased, July 20, 1876.
i^1. Female. Presented by the Rev. J. Roe, Sept. 2, 1876.
j^1. Female. Deposited, Nov. 30, 1876.
k^1. Presented by G. Nurse, Esq., March 22, 1877.
l^1. Purchased, May 16, 1877.
m^1, *n*^{1}. Presented by James Backhouse, Esq., Jan. 21, 1879.
o^1. Male. Presented by Miss Baker, June 3, 1880.

78. *Cebus monachus*, F. Cuv. Smooth-headed Capuchin.

Hab. South-east Brazil.

a. Deposited, Feb. 26, 1868. See notice, P. Z. S. 1868, p. 261.
b, *c*. Females. Purchased, Aug. 20, 1872.
d. Male. Purchased, June 12, 1873.
e. Purchased, Jan. 18, 1875.
f. Male; *g*. Female. Purchased, May 21, 1875.
h. Deposited, Oct. 26, 1875.
i. Female. Deposited, Oct. 17, 1877.
j. Male. Deposited, Oct. 24, 1881.

Genus Ateles.

79. *Ateles paniscus* (Linn.). Red-faced Spider Monkey.

Hab. Guiana.

a. Purchased, May 20, 1865.
b. Received, July 13, 1866.
c. Male. Presented by D. M'Gibbon, Esq., Sept. 20, 1871. From Demerara.
d. Purchased, Nov. 30, 1881.

80. *Ateles ater*, F. Cuv. Black-faced Spider Monkey.

Hab. Eastern Peru.

a–z. See former editions.
a^1. Presented by Capt. King, S.S. 'Dee,' Jan. 24, 1876.
b^1. Female. Purchased, May 1, 1876.
c^1. Female. Purchased, May 31, 1876.
d^1. Female. Purchased, June 8, 1876.
e^1. Female. Purchased, June 14, 1876.
f^1, g^1. Females. Purchased, Sept. 13, 1876.
h^1, i^1, j^1. Purchased, Aug. 30, 1877. U.S. Columbia.
k^1. Purchased, Feb. 15, 1878.
l^1. Deposited, March 25, 1878.
m^1, n^1. Purchased, May 2, 1878.
o^1. Presented by Capt. J. Moir, June 10, 1878.
p^1. Male; q^1. Female. Purchased, July 3, 1878.
r^1. Presented by W. C. Henny, Esq., Sept. 29, 1878.
s^1. Male; t^1. Female. Presented by Mr. A. Gonzalez Carago, Dec. 3, 1878.
u^1. Presented by the Earl Brownlow, F.Z.S., Jan. 15, 1879.
v^1. Received in exchange, March 12, 1879.
w^1. Male. Presented by Capt. H. King, May 2, 1879.
x^1. Deposited, June 30, 1879.
y^1. Presented by Capt. H. King, Sept. 8, 1879.
z^1. Male; a^2. Female. Purchased, Sept. 24, 1880.
b^2. Presented by Mr. E. H. Dance, May 2, 1881.
c^2. Purchased, Sept. 13, 1881.
d^2. Presented by Capt. T. W. Graves, Sept. 29, 1882.

81. *Ateles rufiventris*, Sclater. Red-bellied Spider Monkey.

Hab. Atrato river.

a. Female. Purchased, April 11, 1871. Specimen described and figured, P. Z. S. 1872, p. 688, pl. LVII.

82. *Ateles grisescens*, Gray. Grizzled Spider Monkey.

Hab. South America.

a. Purchased, Oct. 29, 1864. Specimen described by Dr. Gray, P. Z. S. 1865, p. 732. Mus. Brit.
b. Male. Purchased, Oct. 12, 1869. See P. Z. S. 1871, p. 223.
c. Purchased, June 26, 1871. From Cartagena.

83. *Ateles cucullatus*, Gray. Hooded Spider Monkey.

Hab. South America.

a. Purchased, June 30, 1865. Specimen described by Dr. Gray, P. Z. S. 1865, p. 733, and figured by Sclater, P. Z.S. 1871, p. 223, pl. XIV. Mus. Brit. See also notes by Dr. Murie, P. Z. S. 1865, p. 739.

84. *Ateles marginatus*, Geoffr. Chuva Spider Monkey.

Hab. Lower Amazon.

a. Purchased, Oct. 24, 1864.
b. Purchased, May 20, 1865.
c. Purchased, May 5, 1868.
d. Purchased, April 6, 1871.

85. *Ateles hybridus*, Geoffr. Brown Spider Monkey.

Hab. U. S. of Columbia.

a. Purchased, Feb. 25, 1868.
b. Purchased, May 21, 1869.

86. *Ateles geoffroyi** (Kuhl). Black-handed Spider Monkey.

Hab. Central America.

a–z. See former editions.
a^1. Deposited, Nov. 29, 1874.
b^1. Presented by H. Campbell, Esq., Jan. 4, 1875. See P. Z. S. 1875, p. 419, pl. XLIX. fig. 1.
c^1. Female. Presented by Capt. A. M. Drummond, F.Z.S., April 22, 1875.
d^1. Presented by H. W. Oakes, Esq., Nov. 17, 1875.
e^1. Male. Deposited, July 20, 1876.
f^1, g^1. Females. Purchased, Nov. 13, 1877. Chiriqui.

---

* The specimens referred to *A. belzebuth*, Geoffr., in former editions were probably forms of this variable species.

h[1]. Received in exchange, March 12, 1879.
i[1]. Presented by D. R. Comyn, Esq., April 24, 1879.
j[1]. Female. Presented by Capt. Woolward, Aug. 13, 1880.

87. *Ateles variegatus*, Wagner. Variegated Spider Monkey.

Hab. Upper Amazons and Rio Negro.

a. Female. Presented by the Hon. A. H. Gordon, C.M.Z.S., July 14, 1870. From the Upper Caura river, Venezuela. Died Aug. 18, 1870. Specimen described as *A. bartletti* ♀, by Dr. Gray, Ann. N. H. ser. 4. vol. vi. p. 428. See also P. Z. S. 1870, p. 668, and 1871, p. 225.
b. Female. Purchased, May 3, 1872. See P. Z. S. 1872, p. 728.
c. Female. Deposited, July 7, 1874.

Genus Lagothrix.

88. *Lagothrix humboldti*, Geoffr. Humboldt's Lagothrix.

Hab. Upper Amazon.

a, *b*. Purchased, Oct. 2, 1863. Specimen figured, P. Z. S. 1863, p. 374, pl. xxxi.
c. Purchased, Sept. 19, 1867.
d. Purchased, June 8, 1876.
e. Received in exchange, May 28, 1877.
f, *g*. Purchased, April 26, 1881.
h. Purchased, July 26, 1882.

Genus Nyctipithecus.

89. *Nyctipithecus trivirgatus* (Humb.). Three-banded Douroucouli.

Hab. Guiana.

a. Purchased, Nov. 30, 1867.
b. Deposited, Dec. 21, 1867.
c. Purchased, July 28, 1870. From Cartagena.
d. Purchased, Jan. 11, 1881.

90. *Nyctipithecus vociferans*, Spix. Feline Douroucouli.

Hab. Southern Brazil.

a. Purchased, May 29, 1857.
b. Presented by F. Le Breton, Esq., May 12, 1864.

c. Purchased, June 19, 1865.
d. Purchased, Feb. 22, 1868.
e. Purchased, Aug. 4, 1869.
f. Female. Purchased, March 1, 1870.
g. Female. Purchased, June 12, 1871.
h. Male. Purchased, Jan. 2, 1872.
i. Female. Purchased, May 7, 1872.
j. Male; *k*. Female. Received in exchange, July 29, 1872.
l. Male. Purchased, Dec. 1, 1872. From U. S. Columbia.
m. Female. Purchased, Dec. 28, 1872.
n. Female. Presented by G. Hollis, Esq., Feb. 5, 1874.
o, *p*. Females. Deposited, Feb. 15, 1875.
q. Male. Deposited, June 28, 1875.
r. Male; *s*. Female. Purchased, Feb. 15, 1877.
t. Purchased, March 31, 1877.
u. Male. Purchased, Dec. 31, 1878.
v. Presented by the Rt. Hon. Hugh Childers, M.P., Jan. 31, 1880.
w. Purchased, March 31, 1880.

91. *Nyctipithecus rufipes*, Sclater. Red-footed Douroucouli.
Hab. Nicaragua.

a. Female. Purchased, June 12, 1871. Specimen described and figured, P. Z. S. 1872, p. 3, pl. 1.

Genus Callithrix.

92. *Callithrix moloch*, Spix. Moloch Teetee.
Hab. Brazil.

a. Female. Purchased, Nov. 24, 1882.

93. *Callithrix nigrifrons*, Spix. Black-fronted Teetee.
Hab. Brazil.

a. Purchased, July 14, 1882.

94. *Callithrix brunnea*, Wagner. Brown Teetee.
Hab. Amazons.

a. Purchased, Jan. 11, 1881. See P. Z. S. 1881, p. 258.

Genus Pithecia.

95. *Pithecia leucocephala* (Audeb.). White-headed Saki.

Hab. Guiana.

a. Male. Presented by W. H. Barton, Esq., R.M.S. 'Wye,' May 15, 1866. From the interior of Demerara. See P. Z. S. 1866, p. 305, and Sclater, P. Z. S. 1871, p. 227. Died June 26, 1866. Mus. Brit.
b. Male. Purchased, Aug. 13, 1873. From Demerara Falls. See P. Z. S. 1873, p. 683.

96. *Pithecia monachus* (Geoffr.). Humboldt's Saki.

Hab. Amazons.

a. Female. Purchased, Oct. 14, 1862. Died Oct. 24, 1862. Specimen figured and described by Prof. Flower, P. Z. S. 1862, pl. xxxvii. p. 326.
b. Purchased, Nov. 2, 1874. See P. Z. S. 1874, p. 664.
c. Male. Purchased, May 20, 1877.

97. *Pithecia chiropotes* (Humb.). Red-backed Saki.

Hab. Guiana.

a. Purchased, Nov. 18, 1865.
b. Purchased, Oct. 15, 1866. See P. Z. S. 1866, p. 418, and Sclater, P. Z. S. 1871, p. 228.
c. Male. Purchased, Dec. 14, 1877. From Trinidad.

98. *Pithecia satanas* (Hoffm.). Black Saki.

Hab. Lower Amazons.

a. Purchased, March 8, 1864. Specimen figured, P. Z. S. 1864, pl. xli., as *P. satanas* (?). Mus. Brit.
b. Purchased, April 30, 1868. See P. Z. S. 1871, p. 228. Mus. Brit. Upon these specimens *Chiropotes ater*, Gray (Cat. Monkeys, p. 61), was founded.
c. Female. Purchased, Feb. 3, 1871.
d, *e*. Males. Purchased, May 9, 1874.
f. Purchased, June 11, 1878.
g. On approval, Aug. 22, 1878.
h. Purchased, April 7, 1880.
i. Purchased, Oct. 21, 1880.

99. *Pithecia albinasa*, Geoffr. et Dev. White-nosed Saki.

Hab. Amazons.

a. Female. Purchased, Jan. 11, 1881. See P. Z. S. 1881, p. 258, pl. xxix.

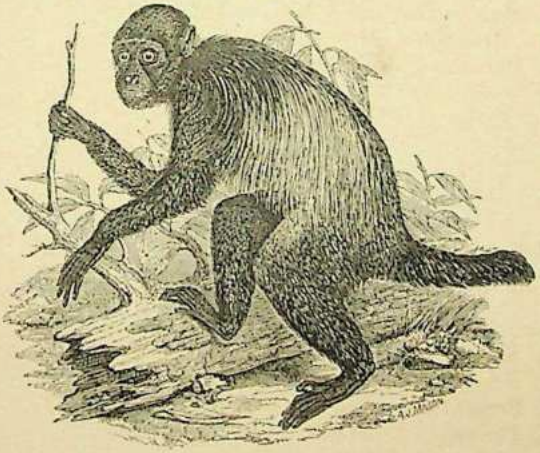
Genus Brachyurus.

100. *Brachyurus ouakari* (Spix). Spix's Ouakari. (Fig. 4.)

Hab. Rio Negro.

a. Female. Deposited by Lewis Joel, Esq., C.M.Z.S., Dec. 16, 1869. See notes, P. Z. S. 1870, p. 1.

Fig. 4.



Brachyurus ouakari. (P. Z. S. 1849, p. 9.)

101. *Brachyurus rubicundus* (Geoffr. et Dev.). Red-faced Ouakari.

Hab. Upper Amazons.

a. Purchased, May 24, 1879. See P. Z. S. 1879, p. 551, and 1880, p. 627, pl. LXI.
b. Deposited, April 11, 1881.
c. Female. Purchased, Sept. 5, 1882.

Genus Mycetes.

102. *Mycetes seniculus* (Linn.). Red Howler.

Hab. New Granada.

a, *b*. Purchased, Aug. 28, 1863. From the Dekke river, near Cartagena. See P. Z. S. 1863, p. 374; and description of the brain by Prof. Flower, P. Z. S. 1864, p. 335.
c, *d*. Purchased, June 12, 1864. From the Dekke river, near Cartagena, Columbia. See notice in 'Illustr. London News,' Sept. 19, 1863.

e. Purchased, June 27, 1866.
f. Purchased, May 27, 1867.
g. Purchased, Aug. 7, 1872.
h. Purchased, June 17, 1875.
i. Deposited, July 14, 1877.

103. *Mycetes fuscus*, Kuhl. Brown Howler.
Hab. Brazil.

a. Male. Purchased, Nov. 8, 1872.
b, *c*. Deposited, May 1, 1876.
d. Purchased, July 20, 1876.

Family HAPALIDÆ.

Genus Hapale.

104. *Hapale jacchus* (Linn.). Common Marmoset.
Hab. South-east Brazil.

a–z^1. See former editions.
a^2. Males; b^2, c^2. Females. Purchased, May 21, 1875.
d^2. Presented by Mrs. Puente, Aug. 26, 1875.
e^2. Presented by Master Goodliffe, Jan. 17, 1876.
f^2. Presented by Mrs. Cleaver, April 1, 1876.
g^2. Deposited, Feb. 10, 1877.
h^2. Purchased, June 26, 1876.
i^2, j^2. Presented by Mrs. Clayton, Oct. 27, 1877.
k^2–n^2. Deposited, Jan. 10, 1878.
o^2, p^2. Presented by R. Donaldson, Esq., March 14, 1878.
q^2. Female. Presented by E. Clayton, Esq., June 29, 1878.
r^2. Deposited, Aug. 27, 1878.
s^2. Purchased, Oct. 24, 1878.
t^2. Presented by Mrs. Currey, Jan. 10, 1879.
u^2. Presented by Madame Sparagnapane, March 8, 1880.
v^2. Male. Presented by T. Douglas Murray, Esq., F.Z.S., July 1, 1880.
w^2. Deposited, April 6, 1881.
x^2. Presented by C. Stewart, Esq., May 24, 1881.
y^2, z^2. Presented by the Lord W. Gascoyne Cecil, July 31, 1881.
a^3. Males; b^3. Females. Deposited, Aug. 11, 1881.
c^3. Deposited, Aug. 27, 1881.
d^3. Presented by J. N. Palmer, Esq., Sept. 28, 1881.
e^3, f^3. Presented by G. Jacobs, Esq., March 28, 1882.
g^3. Presented by Mrs. Wingfield, June 10, 1882.
h^3. Presented by G. W. Drabble, Esq., July 10, 1882.
i^3. Presented by Miss Katie Thomason, Oct. 16, 1882.

105. *Hapale penicillata* (Geoffr.). Black-eared Marmoset.
Hab. South-east Brazil.

a–z. See former editions.
a[1]. Presented by G. Newton, Esq., June 13, 1876.
b[1]. Presented by Miss Woelwarth, Sept. 15, 1876.
c[1]. Presented by the Rev. S. R. Wilkinson, Sept. 27, 1876.
d[1]. Deposited, Jan. 18, 1877.
e[1]. Deposited, March 19, 1877.
f[1]. Purchased, June 26, 1877.
g[1], *h*[1]. Presented by Miss Quain, Nov. 24, 1877.
i[1]. Presented by W. M. St. Aubyn, Esq., May 6, 1878.
j[1], *k*[1]. Presented by the Countess of Cottenham, Dec. 4, 1878.
l[1]. Purchased, June 14, 1879.
m[1]. Presented by G. Mantell, Esq., June 7, 1880.
n[1]. Deposited, July 5, 1881.
o[1]. Presented by J. Morison, Esq., F.Z.S., Dec. 30, 1880.
p[1]. Presented by C. Stewart, Esq., May 24, 1881.
q[1]. Presented by Mrs. Alsop, Aug. 11, 1881.
r[1]. Presented by Mrs. George Willins, Dec. 1, 1881.
s[1]. Presented by Mrs. Davidson, April 4, 1882.
t[1]. Presented by Miss Tilleard, Dec. 26, 1882.

106. *Hapale chrysoleucos*, Wagner. Silky Marmoset.
Hab. Rio Madeira, Brazil.

a Purchased, March 21, 1868. Specimen described and figured by Dr. Gray, P. Z. S. 1868, p. 256, pl. xxiv., as *Mico sericeus*. Noticed by Sclater, P. Z. S. 1868, p. 262, as *Hapale argentata*, and subsequently, P. Z. S. 1869, p. 594, as *H. chrysoleucos*. See also P. Z. S. 1871, p. 229.

107. *Hapale melanura* (Geoffr.). Black-tailed Marmoset.
Hab. South America.

a. Male. Purchased, Nov. 9, 1874. See P. Z. S. 1875, p. 419, pl. L.

108. *Hapale pygmæa* (Spix). Pygmy Marmoset.
Hab. Upper Amazons.

a. Male. Purchased, April 27, 1877. From Pebas. See P. Z. S. 1877, p. 418.

Genus Midas.

109. *Midas rufimanus*, Geoffr. Red-handed Tamarin.
Hab. Surinam.

a. Received, July 13, 1866.
b. Purchased, Aug. 4, 1880.

c, d. Presented by John Pesque, Esq., June 22, 1881.
e. Presented by Mr. Keiser, July 13, 1881.
f. Purchased, May 2, 1882.

110. *Midas ursulus* (Hoffm.). Negro Tamarin.

Hab. Guiana.

a. Presented by Comm. C. A. J. Aysham, R.N., Aug. 4, 1864.
b. Purchased, Sept. 1, 1866.
c. Purchased, July 8, 1868.
d. Presented by W. Thomson, Esq., March 7, 1874.
e, f. Purchased, April 6, 1874. From Rio de Janeiro.
g. Male. Purchased, May 9, 1874.
h. Purchased, June 14, 1879.
i–l. Purchased, May 3, 1881.
m. Purchased, May 30, 1882.

111. *Midas œdipus* (Linn.). Pinche Monkey.

Hab. New Granada.

a. Purchased, June 15, 1864.
b. Presented by T. A. de Mosquese, Esq., Aug. 2, 1864.
c, d. Purchased, June 11, 1866.
e. Deposited, Aug. 14, 1867.
f, g. Presented by W. Levi, Esq., Aug. 29, 1867.
h, i. Purchased, July 22, 1868.
j, k. Deposited, Aug. 1, 1870.
l. Received in exchange, Aug. 1, 1870.
m. Male. Purchased, April 29, 1872. From Cartagena.
n, o. Females. Purchased, Aug. 10, 1872.
p. Presented by W. Stride, Esq., Oct. 23, 1874.
q. Female. Purchased, April 26, 1876.
r. Received in exchange, May 18, 1877.
s. Presented by E. Clayton, Esq., June 29, 1878.
t. Male. Presented by Mrs. Henry Denman Macaulay, May 20, 1880.

112. *Midas geoffroii,* Puch. Geoffroy's Marmoset.

Hab. Panama.

a. Female. Purchased, April 11, 1871. From Panama. See P. Z. S. 1871, p. 478, pl. xxxviii.
b, c. Presented by Miss Miller, Sept. 2, 1871.
d. Male. Purchased, Sept. 12, 1871. From Darien.
e, f. Males. Purchased, Aug. 10, 1872.
g. Deposited, Oct. 9, 1874.
h. Purchased, July 22, 1879.

113. *Midas rosalia* (Linn.). Silky Marmoset.

Hab. South-east Brazil.

a. Deposited, Aug. 15, 1866.
b. Presented by Colin A. Campbell, Esq., May 25, 1867.
c. Purchased, June 29, 1868.
d. Female. Purchased, Aug. 7, 1871.
e. Male; *f*. Female. Purchased, July 18, 1872. From Cabo Trio, Mexico.
g. Male; *h*. Female. Purchased, Sept. 8, 1872.
i. Purchased, Oct. 3, 1873.
j. Male; *k*. Female. Purchased, April 19, 1875.
l, *m*. Purchased, April 17, 1876.
n. Male. Purchased, May 26, 1876.
o–*r*. Purchased, July 20, 1876.
s. Male; *t*. Female. Presented by Master F. A. Brassey, Oct. 2, 1876.
u. Male; *v*, *w*. Females. Purchased, Jan. 23, 1877.
x. Male; *y*, *z*, *a*^{1}. Females. Presented by the Hon. E. H. Ellis, F.Z.S., July 20, 1877.
b^1, *c*^{1}. Presented by Mrs. Hector, May 26, 1879.
d^1. Male. Deposited, Sept. 22, 1879.
e^1, *f*^{1}. Purchased, June 5, 1880.

114. *Midas chrysomelas* (Kuhl). Golden-headed Marmoset.

Hab. South-east Brazil.

a. Purchased, May 14, 1869. See P. Z. S. 1869, p. 407.
b Male. Purchased, July 15, 1878.

Order II. LEMURES.

Family LEMURIDÆ.

Subfamily LEMURINÆ.

Genus LEMUR.

115. *Lemur varius*, Geoffr. Ruffed Lemur.

Hab. Madagascar.

a. Presented by John Fleming, Esq., Jan. 19, 1864.
b. Female. Purchased, July 18, 1865. Died July 17, 1869.

116. *Lemur macaco* (Linn.). Black Lemur. (Fig. 5.)

Hab. Madagascar.

a. Female. Purchased, May 3, 1861. The original of *Lemur leucomystax*, Bartl., described and figured, P. Z. S. 1862, p. 347, pl. XLI. See Sclater, P. Z. S. 1866, p. 1, and 1871, p. 229.
b. Male. Purchased, Nov. 10, 1864.
c. Female. Purchased, Jan. 7, 1865. Mus. Brit.
d. Male. Purchased, Mar. 6, 1867. See P. Z. S. 1871, p. 230.
e. Female. Presented by Lieut. F. Babington Peile, Oct. 1, 1875.
f. Female. Presented by Capt. Burke, S.S. 'Arcot,' Dec. 22, 1875.
g. Male. Presented by Dugald Gilchrist, Esq., Jan. 21, 1876.
h. Male. Purchased, Nov. 25, 1878.
i. Male. Purchased, Jan. 26, 1880.
j. Male; *k*. Female. Presented by the Rev. G. S. Badger, D.C.L., F.Z.S., Feb. 6, 1880.
l. Male; *m*. Female. Purchased, Feb. 2, 1881.
n, *o*. Males; *p*. Female. Purchased, Aug. 1, 1882.
q. Females. Presented by the I Company, 3rd Battalion, King's Royal Rifles, Dec. 8, 1882.

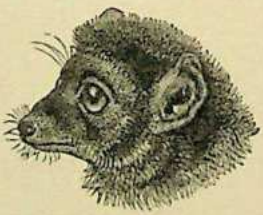
117. *Lemur nigerrimus*, Scl. Very Black Lemur. (Fig. 6.)

Hab. Madagascar.

a. Male. Purchased, Nov. 25, 1878, as *Lemur macaco*. See P. Z. S. 1880, p. 451.

Fig. 5.

Fig. 6.



Heads of *Lemur macaco* and *Lemur nigerrimus*.

118. *Lemur mongoz* (Linn.). Mongoose Lemur.

Hab. Madagascar.

a. Female. Purchased, May 29, 1857. Died June 25, 1867. Mus. Brit.
b. Male. Purchased, April 24, 1863.

c. Presented by F. Le Breton, Esq., F.Z.S., May 12, 1864.
d. Male. Born in the Menagerie, April 28, 1865. Died Aug. 26, 1868.
e. Male. Purchased, March 6, 1867. Died Sept. 15, 1867. Mus. Brit.
f. Female. Purchased, March 6, 1867. Died Jan. 16, 1868. Mus. Brit.
g, *h*. Males; *i*, *j*. Females. Purchased, July 17, 1867. See Sclater, P. Z. S. 1871, p. 230, pl. xvi.
k. Female. Deposited, April 6, 1870.
l. Born in the Menagerie, May 7, 1871. See P. Z. S. 1871, p. 545.
m. Born in the Menagerie, June 11, 1872.
n. Male; *o*. Female. Purchased, Jan. 12, 1874.
p. Purchased, July 21, 1876.
q. Male. Purchased, April 18, 1882.

119. *Lemur brunneus*, v. d. Hoeven. Black-headed Lemur.

Hab. Madagascar.

a. Female. Purchased, July 23, 1870. See Sclater, P. Z. S. 1871, p. 231.
b. Purchased, Feb. 2, 1881.
c. Male. Presented by the I Company, 3rd Battalion, King's Royal Rifles, Dec. 8, 1882.

120. *Lemur albifrons*, Geoffr. White-fronted Lemur.

Hab. Madagascar.

a. Male. Purchased, March 12, 1863. Died April 30, 1867. Mus. Brit.
b. Male. Purchased, July 29, 1870.
c. Female. Purchased, July 29, 1870.
d. Female. Purchased, Feb. 14, 1872.
e. Female. Purchased, Sept. 26, 1872.
f, *g*. Born in the Gardens, May 2, 1875.
h. Female. Deposited, Dec. 21, 1875.
i. Male. Purchased, Aug. 1, 1882.

121. *Lemur flavifrons*, Gray. Yellow-fronted Lemur.

Hab. Madagascar.

a. Female. Purchased, May 11, 1867. Type described and figured as *Prosimia flavifrons* by Dr. Gray, P. Z. S. 1867, p. 596, pl. xxxi. Died Sept. 30, 1867. Mus. Brit.
b. Female. Presented by Major R. Lloyd, June 12, 1868. See Sclater, P. Z. S. 1871, p. 232.

122. *Lemur rufifrons.* Red-fronted Lemur.

Hab. Madagascar.

a. Male. Purchased, Feb. 21, 1871.
b, *c.* Males. Purchased, Aug. 26, 1873.
d. Purchased, Nov. 9, 1878.
e. Male. Received in exchange, Aug. 4, 1879.
f. Male. Presented by W. C. Gordon, Esq., Feb. 11, 1880.
g. Male. Purchased, March 14, 1880.
h. Presented by Capt. Romer, Feb. 1, 1881.
i. Purchased, Nov. 11, 1881.
j. Male. Purchased, Feb. 9, 1882.
k. Male. Purchased, April 18, 1882.
l. Male. Purchased, Aug. 1, 1882.

123. *Lemur mayottensis,* Schlegel. Mayotte Lemur.

Hab. Mayotte Island.

a. Male. Purchased, Dec. 9, 1878. See P. Z. S. 1879, p. 2.

124. *Lemur catta,* Linn. Ring-tailed Lemur.

Hab. Madagascar.

a. Presented by Lieut. R. R. Cock, Oct. 13, 1862.
b, *c.* Males. Purchased, Aug. 26, 1873.
d. Male; *e.* Female. Purchased, Jan. 18, 1877.
f. Male; *g.* Female. Presented by G. A. Shaw, Esq., Dec. 13, 1878.
h. Male. Deposited, Dec. 13, 1878.
i. Male. Presented by Thomas G. Mann, Esq., Feb. 11, 1879.
j. Male; *k.* Female. Presented by Hugh McCubbin, Esq., July 15, 1879.
l. Female. Presented by F. E. Colenso, Esq., Dec. 12, 1879.
m. Male. Purchased, April 18, 1880.
n. Female. Presented by C. A. Craven, Esq., May 22, 1880.
o. Male. Purchased, June 1, 1880.
p. Purchased, Feb. 14, 1881.
q. Presented by E. O. Brookfield, Esq., Aug. 15, 1881.
r. Presented by Capt. M. P. Webster, Feb. 1, 1882.
s. Male. Presented by Dr. J. Lea, M.R.C.S., April 6, 1882.

Genus Hapalemur.

125. *Hapalemur simus*, Gray. Broad-nosed Lemur.
Hab. Madagascar.

a. Purchased, July 29, 1870. See P. Z. S. 1870, p. 669. Specimen described and figured by Dr. Gray, P. Z. S. 1870, p. 828, pl. LXX., as *Hapalemur* (*Prolemur*) *simus*. Mus. Brit.
b. Purchased, Dec. 13, 1878. See P. Z. S. 1879, p. 2.

Genus Chirogaleus.

126. *Chirogaleus milii*. Brown Mouse-Lemur.
Hab. Madagascar.

a. Purchased, Dec. 13, 1878. See P. Z. S. 1879, p. 2.

127. *Chirogaleus coquereli* (Pollen). Coquerel's Mouse-Lemur.
Hab. Madagascar.

a–h. Deposited, Nov. 13, 1882.

Genus Microcebus.

128. *Microcebus smithi*, Gray. Smith's Dwarf Lemur.
Hab. Madagascar.

a–i. Purchased, Dec. 13, 1878. See P. Z. S. 1879, p. 2.

Genus Galago.

129. *Galago crassicaudata* (Geoffr.). Grand Galago.
Hab. East Africa.

a. Presented by Dr. Waghorn, July 26, 1864. See P. Z. S. 1864, p. 711. From the Zambesi.
b. Purchased, June 22, 1865.
c. Purchased, Feb. 12, 1866.
d. Purchased, Nov. 27, 1868.
e. Purchased, Jan. 26, 1871.
f, g. Purchased, Feb. 22, 1879.
h. Presented by Mr. W. Jenkins, June 30, 1879.

130. *Galago monteiri,* Bartlett. Monteiro's Galago.

Hab. Angola.

a. Male. Purchased, May 5, 1871. See P. Z. S. 1871, p. 544.
b. Deposited, Oct. 20, 1874.
c. Presented by Lieut. V. L. Cameron, April 4, 1875.

131. *Galago garnetti* (Ogilby). Garnett's Galago.

Hab. Eastern Africa.

a. Purchased, Nov. 20, 1863. See P. Z. S. 1864, p. 711.
b. Presented by Francis Chalmers, Esq., Sept. 23, 1865.
c. Purchased, June 17, 1868.
d. Male. Purchased, Aug. 23, 1869.
e. Male. Purchased, April 15, 1871.
f. Male. Purchased, May 5, 1871.
g. Female. Purchased, Sept. 26, 1872.
h. Male. Presented by Sir Bartle Frere, June 21, 1873.
i. Male. Presented by Capt. G. Butehart, Sept. 10, 1873.
j. Male. Presented by R. H. Cusack, Esq., May 6, 1874.
k. Purchased, Feb. 12, 1879.
l. Presented by F. W. Barff, Esq., June 21, 1879.
m. Purchased, Oct. 24, 1879.
n. Presented by A. Chirnside, Esq., April 6, 1880.

132. *Galago alleni,* Waterh. Allen's Galago.

Hab. Fernando Po.

a. Presented by William Henry Ashmall, Esq., C.M.Z.S., June 30, 1869. Specimen figured P. Z. S. 1863, pl. xxxii. p. 375.
b. Purchased, Feb. 24, 1880.
c. Purchased, May 9, 1882.

133. *Galago maholi,* A. Smith. Maholi Galago.

Hab. South Africa.

a, b. Deposited, May 26, 1866.
c. Female. Presented by Lieut. A. J. Hepper, R.E., Feb. 24, 1870.
d. Presented by Dr. Aldridge, Aug. 30, 1870.
e. Received in exchange, Aug. 11, 1871.
f. Presented by C. E. Thompson, Esq., July 7, 1875.
g. Male. Presented by R. A. Zeederberg, Esq., May 13, 1876.
h. Deposited, Oct. 18, 1882.

134. *Galago demidoffi*, Fischer. Demidoff's Galago.
Hab. West Africa.

a. Purchased, June 30, 1862. See P. Z. S. 1862, p. 321.

Subfamily Lorisinæ.

Genus Nycticebus.

135. *Nycticebus tardigradus* (Linn.). Slow Loris.
Hab. Malay countries, Sumatra and Borneo.

a. Presented by Dr. Thomas Coghlan, July 8, 1863. From Southern China. See P. Z. S. 1863, p. 375.
b. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
c. Presented by John R. Forrester, Esq., May 9, 1867.
d. Presented by A. Grote, Esq., C.M.Z.S., Aug. 6, 1867.
e. Presented by Dr. John Anderson, C.M.Z.S., Aug. 6, 1867.
f. Purchased, March 16, 1868.
g, *h*. Females. Presented by Dr. Dodds, July 29, 1872.
i. Female. Presented by Capt. Ahlfors, Sept. 30, 1872.
j. Female. Presented by S. W. Trevor, Esq., Jan. 9, 1873.
k. Male; *l*. Female. Presented by Sir Harry Ord, Aug. 14, 1873.
m. Purchased, July 14, 1874.
n. Male; *o*. Female. Received in exchange, March 6, 1875.
p. Presented by W. H. Pattison, Esq., July 13, 1877.
q. Received in exchange, Aug. 13, 1877.
r. Purchased, Nov. 19, 1878.
s. Received in exchange, May 9, 1878.
t. Male. Presented by T. Hance, Esq., Aug. 1, 1878.
u, *v*. Purchased, Aug. 27, 1879.
x. Purchased, Dec. 1, 1879.
y. Received in exchange, June 14, 1880.

136. *Nycticebus javanicus* (Geoffr.). Javan Loris.
Hab. Java.

a. Purchased, May 3, 1861. See memoir by Prof. Flower on the brain of this species, P. Z. S. 1862, p. 103, and Trans. Zool. Soc. v. p. 103.

Genus Loris.

137. *Loris gracilis*, Geoffr. Slender Loris.
Hab. Ceylon.

a. Female. Purchased, July 30, 1869.
b. Male. Deposited, April 20, 1872.
c. Male. Purchased, April 24, 1875.

Family CHIROMYIDÆ.

Genus Chiromys.

139. *Chiromys madagascariensis* (Gm.). The Aye-aye.

Hab. Madagascar.

a. Female. Presented by Edward Mellish, Esq., Aug. 12, 1862. See Bartlett, P. Z. S. 1862, p. 222.

Order III CARNIVORA.

Family FELIDÆ.

Genus Felis.

a. *Species Orbis antiqui.*

140. *Felis leo,* Linn. Lion.

Hab. Africa and South-western Asia.

a–z. See former editions.
a^1. Female. Presented by J. D. Massey, Esq., April 30, 1878. From Travancore.
b^1. Female. Presented by W. H. Wylde, Esq., Aug. 13, 1878.
c^1–*e*^{1}. Young. Deposited, May 14, 1880.
f^1. Male; *g*^{1}. Female. Born in the Menagerie, July 16, 1880.
h^1, *i*^{1}. Females. Received in exchange, April 22, 1881.

141. *Felis tigris,* Linn. Tiger.

Hab. Eastern Asia.

a–z. See former editions.
a^1. Presented by the Earl of Northbrook, Oct. 1, 1875.
b^1, *c*^{1}. Females. Presented by Dr. Marchant Jones, June 20, 1876. Amoy, China.
d^1. Male; *e*^{1}. Female. Presented by H.R.H. The Prince of Wales, K.G., July 24, 1876.
f^1, *g*^{1}. Males. Presented by Rear-Admiral Rowley Lambert, C.B., May 15, 1877. From Johore.

d, *e*. Presented by Leith Bonhôte, Esq., Feb. 5, 1879.
f–*h*. Presented by Lord Lilford, F.Z.S., June 10, 1880.
i. Male. Presented by Mrs. A. H. Jamrach, June 22, 1882.
j. Male; *k*. Female. Presented by Dr. H. W. Lentaigne, Dec. 18, 1882.

Genus Perodicticus.

138. *Perodicticus potto* (Gm.). Bosman's Potto. (Fig. 7.)

Hab. West Africa.

a. Male. Purchased, Sept. 4, 1869. See P. Z. S. 1869, p. 469.
b. Female. Purchased, Jan. 24, 1870. See P. Z. S. 1870, p. 86.
c. Purchased, March 31, 1871.
d. Male. Purchased, Aug. 10, 1871.
e. Female. Presented by A. Swanzy, Esq., Aug. 23, 1871.
f. Male. Received in exchange, July 29, 1872.
g. Male. Purchased, April 22, 1873.
h. Male. Presented by the Rev. A. W. Petre, Oct. 28, 1873.
i. Purchased, Oct. 14, 1879.
j. Purchased, Oct. 28, 1879.

Fig. 7.

Perodicticus potto. (P. Z. S. 1869, p. 469.)

ZOOLOGICAL GARDENS
1875.
CALCUTTA

Family CHIROMYIDÆ.

Genus Chiromys.

139. *Chiromys madagascariensis* (Gm.). The Aye-aye.
Hab. Madagascar.

a. Female. Presented by Edward Mellish, Esq., Aug. 12, 1862. See Bartlett, P. Z. S. 1862, p. 222.

Order III CARNIVORA.

Family FELIDÆ.

Genus Felis.

a. *Species Orbis antiqui.*

140. *Felis leo,* Linn. Lion.
Hab. Africa and South-western Asia.

a–*z*. See former editions.
a^1. Female. Presented by J. D. Massey, Esq., April 30, 1878. From Travancore.
b^1. Female. Presented by W. H. Wylde, Esq., Aug. 13, 1878.
c^1–e^1. Young. Deposited, May 14, 1880.
f^1. Male; g^1. Female. Born in the Menagerie, July 16, 1880.
h^1, i^1. Females. Received in exchange, April 22, 1881.

141. *Felis tigris,* Linn. Tiger.
Hab. Eastern Asia.

a–*z*. See former editions.
a^1. Presented by the Earl of Northbrook, Oct. 1, 1875.
b^1, c^1. Females. Presented by Dr. Marchant Jones, June 20, 1876. Amoy, China.
d^1. Male; e^1. Female. Presented by H.R.H. The Prince of Wales, K.G., July 24, 1876.
f^1, g^1. Males. Presented by Rear-Admiral Rowley Lambert, C.B., May 15, 1877. From Johore.

h^1–j^1. Born in the Menagerie, Oct. 28, 1877. 1 born dead, 2 eaten.
k^1. Female. Presented by A. Forbes Angus, Esq., Nov. 9, 1877.
l^1, m^1. Born in the Menagerie, Feb. 22, 1878.
n^1. Female. Presented by H.E. the Right Hon. Lord Lytton, G.C.B., C.M.S.I., Sept. 4, 1879.
o^1. Male. Born in the Gardens, March 21, 1881.
p^1. Female. Presented by Col. Owen Williams, M.P., F.Z.S., Oct. 31, 1881. From Assam.
q^1. Male. Presented by G. Brown, Esq., April 28, 1882.
r^1. Male. Received in exchange from the Zoological Gardens of Calcutta, Sept. 12, 1882.

142. *Felis pardus*, Linn. Leopard.

Hab. Southern Asia and Africa.

a–z^1. See former editions.
a^2. Presented by H.E. the Right Hon. Lord Lytton, G.C.B., C.M.S.I., Sept. 4, 1879.
b^2–d^2. On approval, Feb. 18, 1880. Black varieties.
e^2. Male. Presented by His Grace the Duke of Buckingham and Chandos, March 2, 1881.
f^2, g^2. Males. Presented by Eustace L. Burnside, Esq., Oct. 1, 1881.
h^2, i^2. Presented by Lieut.-Col. J. S. Armitage, F.Z.S., Oct. 11, 1881.
j^2. Male; k^2. Female (black variety). Purchased, July 8, 1882.
l^2. Male. Purchased, Sept. 4, 1882.
m^2. Male: n^2. Female. Deposited, Dec. 7, 1882.
o^2. Male. Presented by Capt. A. Park, Royal Irish Regiment, Dec. 22, 1882. From the Murree Hills, Punjaub.

143. *Felis macrocelis*, Temm. Clouded Tiger.

Hab. Assam.

a. Male. Purchased, May 16, 1854.
b. Male. Purchased, March 12, 1862.
c. Male. Purchased, Jan. 25, 1875.

144. *Felis serval*, Schreb. Serval.

Hab. Africa.

a. Purchased, Dec. 9, 1853. From South Africa.
b. Purchased, Nov. 12, 1864. From West Africa.
c. Presented by Lieut. J. Plumbridge, 3rd W.I. Regt., April 24, 1865.

d. Presented by Mrs. Duncan Campbell, Jan. 5, 1867.
e. Presented by C. T. Chown, Esq., Sept. 23, 1868.
f. Male; *g*. Female. Presented by J. J. Monteiro, Esq., C.M.Z.S., Sept. 27, 1869.
h. Female. Presented by C. D. O'Connor, Esq., March 19, 1872.
i. Purchased, April 13, 1875.
j, *k*. Deposited, Oct. 13, 1875.
l. Purchased, Feb. 12, 1880.
m. Purchased, Feb. 23, 1880.
n. Presented by Capt. Barrow, Jan. 19, 1881.

145. *Felis servalina*, Ogilby. Servaline Cat.

Hab. West Africa.

a. Presented by Spencer Shield, Esq., Sept. 11, 1874. From Kinsembo, near Ambriz, Congo, West coast of Africa. See P. Z. S. 1874, p. 495, pl. LXIII.
b. Presented by Lieut. V. L. Cameron, April 4, 1876.
c. Purchased, Aug. 5, 1880.

146. *Felis viverrina*, Benn. Viverrine Cat.

Hab. India.

a. Purchased, Feb. 6, 1867.
b. Female. Presented by G. W. D. A. Smith, Esq., Aug. 16, 1870.
c. Presented by Major C. R. Oxley, April 8, 1881.

147. *Felis javanensis*, Desm. Javan Cat.

Hab. Eastern Asia.

a. Presented by Lieut. H. Hand, R.N., Jan. 16, 1864.
b. Purchased, Feb. 10, 1866. From Formosa. See notice by Swinhoe, P. Z. S. 1870, p. 629.

148. *Felis bengalensis*, Desm. Bengalese Cat.

Hab. India.

a, *b*. Presented by Major J. Pearce, Feb. 15, 1869.
c. Presented by Charles J. Sturt, Esq., Oct. 1, 1869.
d. Presented by Adm. Sir H. Keppel, K.C.B., April 13, 1870. From Siam.
e. Purchased, April 18, 1870.
f. Deposited, May 28, 1873. From Arracan.
g. Presented by Capt. W. Reynolds, Oct. 19, 1874.
h. Purchased, Nov. 2, 1874.
i. Male; *j*. Female. Presented by Lt. W. A. Cuthell, 92nd Highlanders, Dec. 15, 1875.

149. *Felis marmorata*, Martin. Marbled Cat.

Hab. Assam.

a. Male. Purchased, Dec. 14, 1882.

150. *Felis moormensis*, Hodgs. Golden Cat.

Hab. Sumatra.

a. Received in exchange, June 19, 1867. Specimen figured P. Z. S. 1867, p. 816, pl. xxxvi., as *Felis aurata*.
b. Purchased, July 1, 1868. See *Felis aurata*, P. Z. S. 1868, p. 647.
c. Purchased, Feb. 15, 1872.

151. *Felis planiceps*, Vig. & Horsf. Red Tiger Cat.

Hab. Malacca.

a. Purchased, Dec. 14, 1872. See *Felis aurata*, P. Z. S. 1873, p. 1.

152. *Felis rubiginosa*, Geoffr. Rusty-spotted Cat.

Hab. Ceylon.

a. Presented by Charles E. Pole Carew, Esq., Sept. 14, 1881.

153. *Felis chrysothrix*, Temm. Red Tiger Cat.

Hab. Gold Coast, West Africa.

a. Female. Presented by C. S. Salmon, Esq., Feb. 11, 1873. See P. Z. S. 1873, p. 311, pl. xxvii.
b. Purchased, May 2, 1882.

154. *Felis catus*, Linn. Wild Cat.

Hab. Europe.

a. Presented by the Earl of Seafield, F.Z.S., May 7, 1864. From Scotland.
b. Presented by Miss Johnstone Douglas, Nov. 24, 1864.
c. Presented by Capt. the Hon. H. T. Fraser, Feb. 6, 1869. From Inverness.
d. Male; *e*. Female. Hybrids between this species and the domestic Cat. Presented by S. E. B. Pusey, Esq., F.Z.S., July 22, 1869.
f. Female. Purchased, Aug. 2, 1869. From Hungary.
g. Male. Hybrid between this species and *Felis domestica*. Presented by S. E. B. Pusey, Esq., F.Z.S., Jan. 6, 1871. From Scotland.
h. Deposited, May 18, 1871.

i. Male. Deposited, Aug. 22, 1871.
j. Female. Presented by H. F. Fraser, Esq., March 3, 1872.
k. Male; *l*, *m*. Females. Presented by the Earl of Seafield, Sept. 25, 1872.
n. Presented by Sir Thomas Biddell, Nov. 26, 1873.
o. Male; *p*. Female. Received in exchange, Aug. 30, 1877.
q, *r*. Born in the Menagerie, May 25, 1878.
s, *t*. Presented by J. C. Forster, Esq., March 5, 1880. From Andalusia.

155. *Felis chaus*, Güld. Egyptian Cat.

Hab. North Africa.

a. Purchased, Nov. 11, 1862.
b. Female. Purchased, Feb. 25, 1871.
c–e. Presented by Capt. J. J. Bradshaw, May 3, 1873. From Scinde valley, Cashmere.
f. Purchased, Nov. 2, 1874. From Burmah.
g, *h*. Presented by W. Renney, Esq., June 16, 1877.
i. Presented by Lieuts. Fisher and Farquhar and Mr. Basset, H.M.S. 'Bacchante,' Aug. 19, 1882.

156. *Felis caffra*, Desm. Caffer Cat.

Hab. Africa and Western Asia.

a, *b*. Presented by H.R.H. the Prince of Wales, Jan. 12, 1863. From Syria.
c, *d*. Young. Presented by Lord Ruthven, April 11, 1868. From the Abyssinian coast of the Red Sea.
e. Presented by R. Southey, Esq., Oct. 31, 1879.
f. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., March 20, 1880. From the Cape Colony.

157. *Felis lynx*, Linn. Northern Lynx.

Hab. Northern Europe.

a. Purchased, Feb. 16, 1869.
b. Purchased, May 29, 1873.
c. Male; *d*. Female. Presented by Major Chadwick, Aug. 5, 1878. Omitted in last edition.
e. Presented by the Count Constantin Branicki, Nov. 22, 1882 From the Carpathian Mountains.

158. *Felis isabellina*, Blyth. Isabelline Lynx.

Hab. Tibet.

a. Presented by Capt. Baldock, R.N., Nov. 23, 1882. From Baltistan. See P. Z. S. 1882, p. 720.

159. *Felis pardina,* Oken. Spanish Lynx.

Hab. Spain.

a. Deposited, April 10, 1867.

160. *Felis caracal,* Gueld. Caracal.

Hab. South Asia and Africa.

a. Deposited, Oct. 21, 1865.
b. Purchased, April 27, 1867.
c. Presented by N. C. Smith, Esq., Dec. 28, 1867.
d. Purchased, March 21, 1870.
e. Presented by Kirby Green, Esq., Aug. 3, 1870.
f. Male. Presented by A. C. Gaye, Esq., Jan. 1, 1873.
g. Presented by Dr. Holub, Sept. 18, 1879.

b. *Species Orbis novi.*

161. *Felis concolor,* Linn. Puma*.

Hab. America.

a. Male; *b.* Female. Presented by W. D. Christie, Esq., F.Z.S., Jan. 14, 1857. From Buenos Ayres.
c. Female. Red variety. Presented by the late W. D. Stewart, Esq., July 6, 1869. From Demerara.
d. Male. Presented by Capt. Dow, F.Z.S., Aug. 29, 1869. From Honduras.
e. Male; *f.* Female. Presented by Constantine Richards, Esq., April 3, 1872. From Oaxaca, Mexico.
g. Female. Purchased, March 1, 1873. From Cartagena.
h. Male. Deposited, June 28, 1873.
i. Purchased, Dec. 16, 1873.
j. Female. Presented by W. D. Powles, Esq., Aug. 14, 1874.
k. Female. Purchased, June 13, 1876.
l. Female. Presented by Miss Brassey, Oct. 31, 1876.
m. Male. Presented by Comm. Stanhope Grove, R.N., March 19, 1877.
n. Male. Purchased, May 14, 1879.
o. Male. Presented by Lord Lilford, F.Z.S., June 30, 1879.
p. Presented by Capt. J. Jellicoe, May, 29, 1882.

---

* For a notice of the breeding of this species in the Society's Gardens, see Bartlett, P. Z. S. 1861, p. 141, pl. xxii.

162. *Felis yaguarundi,* Desm. Yaguarundi Cat.
Hab. Central and Southern America.

a. Presented by Capt. G. E. Bird, March 24, 1869. From Panama. See P. Z. S. 1869, p. 276.
b. Female. Purchased, Aug. 8, 1874.
c. Purchased, Jan. 30, 1878.
d. Purchased, Feb. 14, 1881.

163. *Felis eyra,* Desm. Eyra Cat.
Hab. South America.

a. Purchased, July 6, 1860.
b. Purchased, Dec. 28, 1872. From Maranham. See P. Z. S. 1873, p. 2.
c. Purchased, July 7, 1874.
d. Female. Purchased, April 12, 1880.
e. Male. Purchased, Oct. 25, 1882.

164. *Felis onca,* Linn. Jaguar.
Hab. America.

a. Female. From Mazatlan. Presented by Miss Mary Knight, Nov. 28, 1857. Specimen described and figured by Dr. Gray, P. Z. S. 1857, p. 278, pl. LVIII., under the name *Felis hernandesii.* Mus. Brit. See also, for notice of the breeding of this animal, P. Z. S. 1861, p. 141.
b. Male. From the Argentine Republic. Presented by W. D. Christie, Esq., F.Z.S., March 16, 1858.
c. Born in the Menagerie, Sept. 23, 1864.
d. Male. Presented by A. de Marriette, Esq., Nov. 1, 1871.
e. Male. Presented by I. H. Murchison, Esq., July 16, 1873.
f, g. Received in exchange, Nov. 18, 1873.
h, i. Purchased, Aug. 5, 1875.
j. Presented by Major Wood, May 10, 1878.
k. Male. Purchased, Jan. 22, 1880.
l. Purchased, June 11, 1880.
m. Presented by Lord Lilford, F.Z.S., July 3, 1880.
n. Male. Presented by Lady Florence Dixie, Nov. 3, 1880. From Corrientes.

165. *Felis pardalis,* Linn. Ocelot.
Hab. America.

a–z. See former editions.
a^1. Male. Purchased, April 9, 1875.
b^1. Purchased, April 19, 1875.
c^1. Female. Purchased, May 15, 1875.

d^1. Female. Presented by H. Kirtley, Esq., Sept. 27, 1875.
e^1. Purchased, Dec. 16, 1875.
f^1. Presented by A. Summer, Esq., May 30, 1876.
g^1. Purchased, June 8, 1876.
h^1. Male. Purchased, June 24, 1876.
i^1. Female. Presented by Mr. Zurcher, July 18, 1876.
j^1. Purchased, July 20, 1876.
k^1. Deposited, Oct. 10, 1876.
l^1. Presented by H. Fielding, Esq., Oct. 28, 1876.
m^1. Female. Purchased, Jan. 16, 1877.
n^1. Purchased, Jan. 30, 1877.
o^1. Presented by George Ransom, Esq., Dec. 1, 1877.
p^1. Female. Presented by H. B. Whitmarsh, Esq., March 2, 1878.
q^1. Presented by Capt. J. Moir, Esq., June 10, 1878.
r^1. Purchased, July 29, 1878.
s^1. Purchased, December 9, 1878.
t^1. Presented by B. H. Jones, Esq., May 1, 1879.
u^1. Presented by P. Leckie, Esq., May 6, 1879.
v^1. Purchased, July 15, 1879.
w^1. Male. Purchased, Dec. 31, 1879.
x^1. Presented by G. Whitmore Christie, Esq., Jan. 27, 1880.
y^1. Presented by Stephenson Clarke, Esq., April 30, 1880.
z^1. Presented by C. A. Craven, Esq., May 22, 1880.
a^2. Purchased, June 17, 1880.
b^2. Presented by C. B. Robinson, Esq., July 9, 1880.
c^2. Presented by A. L. Schütte, Esq., July 30, 1880.
d^2. Presented by Dr. A. Stradling, C.M.Z.S., Jan. 4, 1881.
e^2. Presented by Lieut. C. E. F. C. Graham, R.N., Jan. 28, 1881.
f^2. Male. Presented by P. Leckie, Esq., June 8, 1881.

166. *Felis geoffroii*, D'Orb. et Gerv. Geoffroy's Cat.

Hab. Paraguay and La Plata.

a. Male. Purchased, Oct. 10, 1870. See notice, P. Z. S. 1870, p. 796. Mus. Brit.
b. Purchased, April 21, 1874.
c. Presented by Ronald Bridgett, Esq., May 30, 1878.
d, *e*. Deposited by Lord Lilford, Nov. 21, 1879.

167. *Felis tigrina*, Erxl. Tigrine Cat.

Hab. South America.

a. Presented by Lieut. W. Duncan Stewart, May 29, 1868. From Demerara.
b. Male. Presented by Arthur Nugent West, Esq., Nov. 1, 1871.
c. Deposited, March 15, 1881.
d. Purchased, April 5, 1882.

168. *Felis passerum*, Desm. Pampas Cat.

Hab. La Plata and Chili.

a. Purchased, Oct. 19, 1868. See P. Z. S. 1868, p. 530.
b, *c*. Purchased, Oct. 4, 1871. See P. Z. S. 1871, p. 700. From Chili.

169. *Felis canadensis*, Geoffr. Canadian Lynx.

Hab. North America.

a. Presented by H. D. Sheffield, Esq., Oct. 21, 1868.
b. Male. Purchased, April 1, 1870.
c. Presented by R. Carrington, Esq., F.Z.S., May 31, 1871.

170. *Felis rufa*, Güld. Bay Lynx.

Hab. North America.

a. Purchased, June 26, 1868.
b. Male. Purchased, April 15, 1871. From Mexico. See P. Z. S. 1871, p. 479.
c. Presented by Otho N. Shaw, Esq., Jan. 15, 1877.

Genus Cynælurus.

171. *Cynæturus jubatus* (Schreb.). Cheetah.

Hab. Africa and South-west Asia.

a. Male. Purchased, Nov. 19, 1858. From South Africa.
b. Female. Presented by H.R.H. the Prince of Wales, K.G., F.Z.S., July 5, 1862. From Nazareth, Syria.
c. Purchased, Dec. 22, 1866.
d. Presented by E. T. Rogers, Esq., C.M.Z.S., H.B.M. Acting Consul at Beyrout, Syria, Feb. 3, 1868. From Syria.
e. Young. Purchased, April 11, 1868. From the Abyssinian coast of the Red Sea.
f. Female. Received in exchange, Jan. 14, 1874.
g, *h*. Females. Presented by T. L. M. Cartwright, Esq., F.Z.S., July 1, 1876. From Nubia.
i. Female. Purchased, May 24, 1879.
j. Presented by James S. Jameson, Esq., May 19, 1881.

172. *Cynælurus laneus* (Scl.). Woolly Cheetah.

Hab. South Africa.

a. Male. Purchased, May 29, 1877. See P. Z. S. 1877, p. 532, pl. lv.

Family VIVERRIDÆ.

Genus Viverra.

173. *Viverra civetta* (Schreb.). African Civet Cat.

Hab. Africa.

a. Presented by the late King of Portugal, F.Z.S., Nov. 15, 1855.
b. Presented by Edmund Gabriel, Esq., H.B.M.'s Commissioner at Loando, Angola, Aug. 22, 1860.
c, *d*. Presented by John Fleming, Esq., May 9, 1866.
e. Male. Purchased, March 27, 1871. From Quiah, West Africa. Specimen noticed and figured, P. Z. S. 1871, p. 299, pl. xxix.
f. Purchased, Oct. 6, 1871. From Lagos.
g. Male. Presented by J. A. Skertchley, Esq., May 27, 1872. From Dahomey.
h. Presented by Lionel Hart, Esq., April 18, 1873.
i. Presented by the Hon. Lady Cust, Oct. 8, 1873.
j. Presented by W. B. Ramsey, Esq., May 6, 1874.
k. Presented by the Earl of Harrington, March 23, 1875.
l. Presented by Lieut. V. L. Cameron, April 4, 1876. From Angola.
m, *n*. Presented by M. B. Salmon, Esq., June 20, 1879.
o. Presented by P. Lemberg, Esq., April 5, 1880.

174. *Viverra tangalunga*, Gray. Sumatran Civet.

Hab. Sumatra.

a. Purchased, Jan. 13, 1869.
b. Purchased, Feb. 15, 1872.
c. Presented by Mr. W. Jamrach, June 16, 1874.
d. Presented by W. B. Pryer, Esq., Dec. 15, 1880.

Genus Viverricula.

175. *Viverricula malaccensis* (Gm.). Indian Civet.

Hab. India.

a. Purchased, May 29, 1861.
b. Purchased, April 15, 1862.
c. Presented by F. W. Robinson, Esq., 60th Rifles, Sept. 19, 1863. From the Mysore jungle, Madras Presidency.
d. Purchased, Jan. 4, 1867.
e. Presented by A. Morgan, Esq., May 4, 1867.

176. *Viverricula schlegeli*, Pollen. Schlegel's Civet.

Hab. Comoro Islands.

a. Presented by C. E. Bewsher, Esq., Oct. 28, 1872. From Johanna, Comoro Islands. See P. Z. S. 1872, p. 861.

Genus GENETTA.

177. *Genetta vulgaris* (Less.). Common Genet.

Hab. South Europe.

a. Male. Hybrid between this species and male *Genetta tigrina*. Born in the Menagerie, Oct. 5, 1859.
b. Female. Purchased, 1861.
c. Presented by T. Aldersey, Esq., Oct. 4, 1864. From Cape-coast.
d. Presented by A. Pike, Esq., June 4, 1868.
e. Deposited, Dec. 6, 1869.
f. Male. Presented by Capt. W. B. Drinan, July 25, 1870.
g, *h*. Presented by J. P. Gassiot, Esq., Jun., F.Z.S., July 24, 1871. From the Province of Traz os Montes, Portugal.
i. Deposited, Sept. 7, 1877.
j. Presented by P. V. Carlette, Esq., Oct. 23, 1877. From Tripoli.
k, *l*. Presented by G. H. Thunder, Esq., R.N., June 26, 1880.
m. Presented by the Rev. F. P. Voules, March 24, 1881.

178. *Genetta senegalensis* (Fischer). Pale Genet.

Hab. West Africa.

a. Presented by J. J. Monteiro, Esq., Oct. 4, 1863.
b, *c*. Presented by William Vare, Esq., Oct. 4, 1864.
d. Deposited, May 23, 1865. From the Gambia.
e, *f*. Presented by C. B. Mosse, Esq., C.M.Z.S., July 4, 1872.

179. *Genetta tigrina* (Schreb.). Blotched Genet.

Hab. South Africa.

a. Female. Living in the Gardens, 1859.
b. Male. Purchased, Aug. 2, 1871.
c. Presented by A. B. Worthington, Esq., June 6, 1873.
d–*f*. Born in the Menagerie, July 29, 1874.
g. Born in the Menagerie, Aug. 19, 1875.
h. Deposited, March 17, 1882.

180. *Genetta pardina*, Geoffr. Pardine Genet.

Hab. West Africa.

a. Purchased, April 15, 1882.

Genus Nandinia.

181. *Nandinia binotata*, Gray. Two-spotted Paradoxure.

Hab. West Africa.

a. Purchased, March 8, 1861.
b. Presented by George Tidcombe, Esq., R.N., Aug. 22, 1864.
c. Presented by C. B. Mosse, Esq., Oct. 16, 1869. From the Gold Coast.
d. Purchased, Aug. 2, 1870.
e. Presented by C. D. O'Connor, Esq., Oct. 9, 1871.
f. Presented by Capt. E. J. Howes, May 9, 1878.
g. Presented by A. W. Forbes, Esq., March 29, 1881.
h. Presented by W. H. Hart, Esq., C.M.Z.S., May 27, 1881.
i. Presented by A. W. Blyth, Esq., April 20, 1882.
j. Born in the Menagerie, July 19, 1882.

Genus Hemigalea.

182. *Hemigalea hardwickii* (Gray). Hardwicke's Hemigale.

Hab. Borneo.

a. Purchased, Oct. 13, 1881. See P. Z. S. 1881, p. 819.
b. Purchased, July 8, 1882.

Genus Paradoxurus.

183. *Paradoxurus typus*, F. Cuv. Common Paradoxure.

Hab. India.

a. Presented by E. Lowry, Esq., Sept. 3, 1860.
b. Presented by W. Wiggins, Esq., Feb. 16, 1865.
c. Presented by W. T. Fraser, Esq., C.M.Z.S., April 25, 1868. From Java.
d. Deposited, Dec. 17, 1869.
e, *f*. Presented by P. C. Lovett, Esq., July 2, 1870.
g, *h*. Received in exchange, Jan. 6, 1871.
i. Purchased, June 23, 1871.
j. Female. Purchased, April 28, 1872.
k. Female. Presented by J. S. Harper, Esq., Jan. 30, 1873.
l. Presented by A. F. Adey, Esq., Aug. 18, 1873.
m. Presented by C. Maurer, Esq., Nov. 2, 1873.
n. Presented by G. R. Colbeck, Esq., May 13, 1874.
o. Presented by O. Unwin, Esq., Oct. 17, 1874.
p. Presented by Capt. Reynolds, Oct. 19, 1874.
q. Presented by D. D. Abbott, Esq., Jan. 25, 1875.
r. Male. Presented by Mr. Jones, May 20, 1875.
s. Presented by Colonel A. C. M'Master, April 12, 1876.
t. Presented by Dr. J. B. Wilson, Dec. 16, 1876.

u. Deposited, Feb. 17, 1877.
v. Deposited, Sept. 6, 1877.
w. Presented by E. E. Sass, Esq., Aug. 14, 1878.
x, *y*. Presented by G. K. Lloyd, Esq., June 11, 1879.
z. Presented by Lieut.-Col. Sturt, C.M.Z.S., July 15, 1880.
a^1. Presented by C. W. C. Fletcher, Esq., April 5, 1881.
b^1. Presented by H. Druce, Esq., May 24, 1881.
c^1. Presented by F. E. Spellerburg, Esq., May 8, 1882.
d^1. Presented by Sir Louis S. Jackson, F.Z.S., Oct. 11, 1882.
e^1. Born in the Menagerie, Oct. 19, 1882.

184. *Paradoxurus musanga* (Raffl.). Musanga Paradoxure.

Hab. Indian archipelago.

a. Presented by J. Duplex, Esq., Dec. 10, 1859.
b. Presented by G. Wakeman, Esq., July 28, 1865. From Java.
c. Presented by Mrs. Spencer, Aug. 3, 1865.
d. Presented by R. R. Liddell, Esq., March 29, 1867.
e. Male. Presented by P. E. Warburton, Esq., R.N., March 6, 1871. From Timor.

185. *Paradoxurus trivirgatus*, Gray. Three-striped Paradoxure.

Hab. India.

a. Presented by Capt. Dalrymple, March 11, 1878.
b. Received in exchange, May 10, 1881.
c. Presented by R. H. Sterndale, Esq., May 31, 1882.

186. *Paradoxurus zeylanicus* (Pallas). Golden Paradoxure.

Hab. Ceylon.

a. Purchased, Aug. 6, 1860.

187. *Paradoxurus tytleri*, Blyth. Tytler's Paradoxure.

Hab. Andaman Islands.

a. Presented by A. Grote, Esq., C.M.Z.S., May 20, 1865. See P. Z. S. 1865, p. 466.
b. Presented by J. S. Campbell, Esq., July 24, 1873.

188. *Paradoxurus larvatus* (Gray). Masked Paradoxure.

Hab. China.

a. Purchased, March 29, 1867. From Formosa (*Swinhoe*).
b. Purchased, Aug. 19, 1867. From China.
c, *d*. Born in the Menagerie, April 30, 1869.
e. Purchased, Jan. 17, 1873.

u. Deposited, Feb. 17, 1877.
v. Deposited, Sept. 6, 1877.
w. Presented by E. E. Sass, Esq., Aug. 14, 1878.
x, *y*. Presented by G. K. Lloyd, Esq., June 11, 1879.
z. Presented by Lieut.-Col. Sturt, C.M.Z.S., July 15, 1880.
a^1. Presented by C. W. C. Fletcher, Esq., April 5, 1881.
b^1. Presented by H. Druce, Esq., May 24, 1881.
c^1. Presented by F. E. Spellerburg, Esq., May 8, 1882.
d^1. Presented by Sir Louis S. Jackson, F.Z.S., Oct. 11, 1882.
e^1. Born in the Menagerie, Oct. 19, 1882.

184. *Paradoxurus musanga* (Raffl.). Musanga Paradoxure.

Hab. Indian archipelago.

a. Presented by J. Duplex, Esq., Dec. 10, 1859.
b. Presented by G. Wakeman, Esq., July 28, 1865. From Java.
c. Presented by Mrs. Spencer, Aug. 3, 1865.
d. Presented by R. R. Liddell, Esq., March 29, 1867.
e. Male. Presented by P. E. Warburton, Esq., R.N., March 6, 1871. From Timor.

185. *Paradoxurus trivirgatus*, Gray. Three-striped Paradoxure.

Hab. India.

a. Presented by Capt. Dalrymple, March 11, 1878.
b. Received in exchange, May 10, 1881.
c. Presented by R. H. Sterndale, Esq., May 31, 1882.

186. *Paradoxurus zeylanicus* (Pallas). Golden Paradoxure.

Hab. Ceylon.

a. Purchased, Aug. 6, 1860.

187. *Paradoxurus tytleri*, Blyth. Tytler's Paradoxure.

Hab. Andaman Islands.

a. Presented by A. Grote, Esq., C.M.Z.S., May 20, 1865. See P. Z. S. 1865, p. 466.
b. Presented by J. S. Campbell, Esq., July 24, 1873.

188. *Paradoxurus larvatus* (Gray). Masked Paradoxure.

Hab. China.

a. Purchased, March 29, 1867. From Formosa (*Swinhoe*).
b. Purchased, Aug. 19, 1867. From China.
c, *d*. Born in the Menagerie, April 30, 1869.
e. Purchased, Jan. 17, 1873.

f. Purchased, May 10, 1877.
g, *h*. Hybrids between this species and *Paradoxurus leucomystax*. Bred in the Gardens, July 2, 1881.
i. Hybrid between this species and *Paradoxurus leucomystax*. Born in the Gardens, April 29, 1882.

189. *Paradoxurus grayi*, Benn. et Hodgs. Gray's Paradoxure.

Hab. India.

a. Presented by Dr. Skipton, April 22, 1876.

190. *Paradoxurus leucomystax*, Gray. White-whiskered Paradoxure.

Hab. East India.

a. Purchased, Oct. 12, 1877.
b. Presented by G. Wilson, Esq., Dec. 27, 1878.
c. Presented by Mr. Carl Bock, June 10, 1879.

191. *Paradoxurus stigmaticus*, Temm. Marked Paradoxure.

Hab. Borneo.

a. Purchased, May 26, 1880. From Bandjermasin district, Southern Borneo.

192. *Paradoxurus philippensis*, Temm. Philippine Paradoxure.

Hab. Philippine Islands.

a. Presented by J. Stone, Esq., F.Z.S., June 25, 1875.
b. Received in exchange, March 28, 1878.
c. Female. Purchased, May 26, 1880.

193. *Paradoxurus prehensilis* (Desm.). Prehensile Paradoxure.

Hab. British Burmah.

a. Presented by W. H. Pattison, Esq., July 18, 1877. See P. Z. S. 1877, p. 681.

Genus Arctictis.

194. *Arctictis binturong* (Raffl.). Binturong.

Hab. Malacca.

a. Male. Presented by Mrs. Samuel Rawson, Oct. 24, 1855. See Zool. Sk. ser. 2, pl. x.
b. Deposited, Oct. 18, 1865.
c. Purchased, Aug. 7, 1872. *Cf.* Garrod, P. Z. S. 1873, p. 196.

d. Presented by Sir Harry Ord, C.B., Aug. 14, 1873. (Grey variety, *A. albifrons*, F. Cuv.) From Borneo. See P. Z. S. 1875, p. 565.
e. Presented by Capt. A. R. Ord, Oct. 19, 1875. From Malacca. See P. Z. S. 1875, p. 565. *Cf.* Garrod, P. Z. S. 1878, p. 142.
f. Purchased, Oct. 7, 1882.

Genus Galidia.

195. *Galidia elegans,* Is. Geoffr. Elegant Galidia.
Hab. Madagascar.

a. Purchased, Dec. 14, 1867.

Genus Herpestes.

196. *Herpestes ichneumon* (Linn.). Egyptian Ichneumon.
Hab. North Africa and Spanish Peninsula.

a, *b*. Presented by Lord Ruthven, June 4, 1868.
c. Male. Presented by R. P. Carrington, Esq., F.Z.S., Oct. 27, 1870.
d. Presented by Major Howard Irby, June 24, 1871. From Spain.
e. Received in exchange, March 21, 1878.
f, *g*. Presented by J. C. Forster, Esq., F.Z.S., March 19, 1880. From Andalusia.
h. Presented by Mrs. E. Hooker, Dec. 10, 1880.
i, *j*. Presented by Fleetwood Sandeman, Esq., F.Z.S., Feb. 3, 1881. From Spain.

197. *Herpestes pulverulentus,* Wagner. Dusty Ichneumon.
Hab. South Africa.

a. Purchased, Aug. 30, 1862.
b. Presented by Dr. A. Jennens, April 30, 1876.

198. *Herpestes griseus* (Desm.). Grey Ichneumon.
Hab. India.

a–*z*. See fifth edition.
a^1, b^1. Males. Purchased, May 3, 1871.
c^1. Presented by W. Hearsey, Esq., June 7, 1871.
d^1. Presented by G. B. Richardson, Esq., Nov. 6, 1871.
e^1. Male. Presented by Major H. L. Grove, Nov. 28, 1871.
f^1. Male; g^1. Female. Presented by Percy W. Charrington, Esq., April 8, 1872.

h^1. Male. Presented by J. H. Roberts, Esq., April 26, 1872.
i^1. Female. Presented by W. Henderson, Esq., Oct. 17, 1872.
j^1. Male. Presented by J. Chamberlain, Esq., Nov. 1, 1872.
k^1. Female. Presented by Mr. F. Hayley, Feb. 11, 1873.
l^1. Female. Presented by Mr. W. Simpson, June 4, 1873.
m^1. Female. Presented by W. Walker, Esq., June 24, 1873.
n^1. Female. Presented by G. S. Daintry, Esq., Aug. 1, 1873.
o^1. Presented by Mr. H. Humphrey, May 4, 1874.
p^1. Male. Presented by Capt. Hallett, Sept. 14, 1874.
q^1. Female. Deposited, Sept. 16, 1874.
r^1. Male. Deposited, Nov. 27, 1874.
s^1. Male. Presented by Miss R. Barter, Feb. 26, 1875.
t^1. Male. Presented by H. M. Grellier, Esq., April 22, 1875.
u^1. Male. Presented by J. E. Thomas, Esq., May 31, 1875.
v^1. Presented by J. F. Wisden, Esq., July 31, 1875.
w^1. Female. Presented by J. Jennings, Esq., Nov. 9, 1875.
x^1. Deposited, Dec. 21, 1875.
y^1. Presented by H. Churchill, Esq., Jan. 28, 1876.
z^1. Presented by H. Worth, Esq., May 2, 1876.
a^2. Male. Presented by G. J. Hendry, Esq., Sept. 18, 1876.
b^2. Female. Presented by Dr. Lynn, May 25, 1877.
c^2. Female. Presented by Mrs. H. J. Mello, Oct. 30, 1877.
d^2. Presented by J. B. Jameson, Esq., Dec. 19, 1878.
e^2. Presented by B. Baverstock, Esq., Jan. 27, 1879.
f^2. Male. Presented by Arthur Tower, Esq., July 7, 1881.
g^2. Presented by Mrs. C. Hassell, July 11, 1881.
h^2. Presented by C. R. Smith, Esq., July 14, 1881.
i^2. Presented by Sir Patrick Colquhoun, F.Z.S., Aug. 9, 1881.
j^2, k^2. Deposited, March 20, 1882.
l^2. Deposited, Aug. 1, 1882.
m^2. Presented by Mrs. Freeman, Sept. 8, 1882.
n^2. Presented by W. L. Brodie, Esq., Dec. 29, 1882.

199. *Herpestes malaccensis*, F. Cuv. Bengalese Ichneumon.

Hab. Bengal.

a. Male. Presented by W. Ingram, Esq., June 17, 1869.
b. Presented by Capt. C. Rooke, Nov. 28, 1870.

200. *Herpestes smithi*, Gray. Ruddy Ichneumon.

Hab. India.

a. Presented by H.R.H. The Duke of Edinburgh, July 4, 1868.
b. Presented by H. B. Rust, Esq., Feb. 21, 1873.
c. Male. Presented by W. R. Best, Esq., Oct. 14, 1875.
d. Presented by C. J. Maude, Esq., March 23, 1876.
e. Presented by Miss Bidder, Aug. 11, 1876.
f. Presented by A. R. Lewis, Esq., May 7, 1880.

201. *Herpestes nepalensis*, Hodgs. Spotted Ichneumon.

Hab. Nepal, Assam, and Malacca.

a. Male; *b*. Female. Purchased, Aug. 7, 1860.
c. Presented by Capt. Salvin, Nov. 30, 1864.
d. Presented by C. Emery, Esq., May 18, 1869.
e. Purchased, May 25, 1870.
f. Purchased, Feb. 2, 1871. From Bengal.
g. Male. Presented by W. H. Scratton, Esq., F.Z.S., May 26, 1871.
h. Presented by L. B. Lewis, Esq., Nov. 21, 1875.
i. Presented by Mrs. Fleuss, Nov. 28, 1877.
j, *k*. Presented by Mr. J. M'Intosh, April 16, 1878.
l. Presented by Mrs. Payne, July 4, 1878.
m. Presented by W. Payne, Esq., Aug. 22, 1878.
n. Presented by Miss H. Boteler, March 16, 1879.
o. Presented by the Hon. L. S. Jackson, Aug. 13, 1880.
p. Received in exchange, Nov. 26, 1881.

202. *Herpestes fasciatus*, Desm. Banded Ichneumon.

Hab. West Africa.

a. Purchased, April 11, 1864.
b. Presented by Spencer Chapman, Esq., Nov. 7, 1864. From South Africa.
c. Presented by Mrs. Keep, Feb. 16, 1867.
d. Presented by G. W. Craggs, Esq., April 1, 1868.
e. Male. Purchased, June 1, 1871.
f. Presented by J. J. Monteiro, Esq., F.Z.S., June 26, 1873. From Ambriz, West Africa.
g. Presented by the Lady Sheffield, July 11, 1874.
h. Presented by Lieut. V. L. Cameron, April 4, 1876. Angola.
i, *j*. Presented by W. N. Bakewell, Esq., Nov. 10, 1876.
k. Presented by the Earl of Bective, May 25, 1877.
l. Presented by Dr. G. S. Badger, July 11, 1878.
m. Male. Presented by the Rev. H. T. B. Lawrence, Sept. 6, 1878.
n. Female. Deposited, Sept. 9, 1878.
o. Purchased, Oct. 24, 1879.
p. Presented by H. L. Cocksedge, Esq., Nov. 15, 1879.
q. Presented by Mr. A. Ferris, April 6, 1880.
r. Presented by H. Hall, Esq., June 29, 1880.
s. Born in the Gardens, April 12, 1881.
t. Presented by W. Cubitt, Esq., Sept. 20, 1881.

203. *Herpestes galera* (Erxl.). Marsh-Ichneumon.

Hab. South Africa.

a. Purchased, Aug. 14, 1862.

b. Purchased, May 27, 1865.
c. Male. Purchased, March 21, 1870.
d. Purchased, May 31, 1870.
e. Purchased, June 1, 1870.
f, *g*. Born in the Menagerie, June 13, 1872.
h. Presented by the late H. Ansell, May 27, 1875.
i. Presented by A. Chirnside, Esq., April 6, 1880.
j. Presented by Ernest Wells, Esq., Dec. 30, 1881.
k. Purchased, Sept. 8, 1882.

Genus Cynictis.

204. *Cynictis penicillata*, F. Cuv. Levaillant's Cynictis.

Hab. South Africa.

a. Purchased, Jan. 11, 1871. Died, Dec. 12, 1871.
b. Deposited, Oct. 13, 1875, and subsequently presented, by Viscount Mandeville, Jan. 5, 1876. See P. Z. S. 1876, p. 265.
c. Male. Purchased, May 11, 1882.
d. Deposited, July 13, 1882.

Genus Crossarchus.

205. *Crossarchus obscurus*, F. Cuv. Kusimanse.

Hab. West Africa.

a. Female. Purchased, July 8, 1869. See P. Z. S. 1869, p. 468.
b. Female. Purchased, Feb. 13, 1871.
c. Female. Purchased, March 31, 1871.
d. Male. Purchased, March 6, 1872.
e. Purchased, Dec. 28, 1881.

ZOOLOGICAL GARDENS
1875.
CUTTA

Genus Suricata.

206. *Suricata tetradactyla* (Schreb.). Suricate.

Hab. South Africa.

a. Purchased, Feb. 8, 1866.
b. Presented by the Lord Bishop of Graham's Town, May 13, 1866.
c. Presented by D. P. Blaine, Esq., Nov. 4, 1867.
d. Female. Presented by Mrs. Reid, March 14, 1872.
e. Male. Presented by T. van Zeller, Esq., March 14, 1872.
f. Female. Deposited, Nov. 20, 1872.
g. Female. Presented by A. Benyon, Esq., May 17, 1873.

h. Presented by J. Lloyd, Esq., Feb. 7, 1874.
i. Male; *j*. Female. Deposited, Aug. 16, 1874.
k, *l*. Presented by F. Ward, Esq., July 13, 1875.
m. Male; *n*. Female. Presented by J. Thorburn, Esq., March 18, 1876.
o. Received in exchange, June 22, 1876.
p. Deposited, Feb. 23, 1877.
q. Presented by J. Forbes Nixon, Esq., April 28, 1877.
r. Presented by P. Howard, Esq., April 18, 1878.

Family PROTELIDÆ.

Genus PROTELES.

207. *Proteles cristatus* (Sparrm.). The Aard-Wolf.

Hab. South Africa.

a. Purchased, Oct. 26, 1868. See P. Z. S. 1868, p. 530.
b. Purchased, May 20, 1869. See P. Z. S. 1869, p. 407.
c. Male. Purchased, May 20, 1869. See P. Z. S. 1869, p. 407. Specimen figured and its anatomy described by Prof. Flower, P. Z. S. 1869, p. 474, pl. xxxvi.
d. Purchased, Oct. 6, 1869.

Family HYÆNIDÆ.

Genus HYÆNA.

208. *Hyæna crocuta* (Erxl.). Spotted Hyæna.

Hab. South Africa.

a. Male. Presented by Edmund Gabriel, Esq., H.B.M.'s Commissioner at Loando, Angola, Aug. 22, 1860.
b. Received, June 13, 1865.
c. Purchased, Oct. 20, 1865.
d, *e*. Presented by José Manuel de Freitas Branco, Esq., May 21, 1867.
f, *g*. Born in the Menagerie, July 14, 1868.
h. Male. Born in the Menagerie, Jan. 4, 1869.
i, *j*. Born in the Menagerie, May 27, 1869.
k. Born in the Menagerie, April 7, 1870.
l, *m*. Born in the Menagerie, July 14, 1871.
n, *o*. Born in the Menagerie, April 14, 1872.
p, *q*. Born in the Menagerie, Jan. 7, 1873.
r. Born in the Menagerie, Oct. 25, 1873.
s, *t*. Males. Purchased, May 30, 1880.

209. *Hyæna brunnea*, Thunb. Brown Hyæna.

Hab. South Africa.

a. Female. Purchased, March 3, 1853. Died Aug. 13, 1866. See Murie, Trans. Zool. Soc. vii. p. 503.
b. Purchased, Feb. 7, 1870. See P. Z. S. 1870, p. 125.
c. Purchased, May 30, 1879.

210. *Hyæna striata*, Zimm. Striped Hyæna.

Hab. South Asia and North Africa.

a. Female. Presented by Edward Murray Cookesley, Esq. 22nd Regiment, May 27, 1862.
b. Presented by Dr. Waghorn, Dec. 29, 1870. From Arabia.
c. Female. Presented by Commander W. H. Parker, R.N., April 4, 1872.
d. Male; *e*. Female. Purchased, July 11, 1876.
f. Presented by T. Barber, Esq., Sept. 22, 1876.
g, *h*. Born in the Menagerie, July 14, 1877.
i. Presented by Captain F. Cotton, Jan. 3, 1878. From Arabia.
j. Purchased, July 12, 1879.
k, *l*. Presented by Capt. the Hon. F. G. Hay and — Wylde, Esq., March 26, 1880.
m, *n*. Presented by N. H. Beyts, Esq., June 3, 1882.

Family CANIDÆ.

Genus Lycaon.

211. *Lycaon pictus* (Temm.). Cape Hunting Dog

Hab. South Africa.

a. Male. Purchased, March 15, 1871. See P. Z. S. 1871, p. 298.
b. Male. Presented by C. Ernest Pope, Esq., April 19, 1880.

Genus Icticyon.

212. *Icticyon venaticus* (Lund.). Bush-Dog.

Hab. South America.

a. Presented by J. Ernest Tinné, Esq., Aug. 20, 1879. See P. Z. S. 1879, p. 664.

Genus Canis.

213. *Canis familiaris*, Linn. Domestic Dog.

a, *b*. Esquimaux Dogs. Presented by Capt. Allen Young, R.N., Nov. 6, 1876.
c, *d*. Rampoor Hounds. Presented by H.R.H. The Prince of Wales, K.G., July 12, 1877.
e. Japanese Wild (?) Dog. Presented by H. Pryer, Esq., Jan. 1, 1878. See P. Z. S. 1878, pp. 116 & 788.

a. *Species Palæarcticæ.*

214. *Canis lupus*, Linn. Common Wolf.

Hab. Europe.

a. Male. Born in the Menagerie, May 19, 1859.
b. Female. Presented by Capt. Fitzgerald, F.Z.S., Aug. 4, 1871.
c–f. Born in the Menagerie, May 13, 1863.
g. Male. Presented by the Prince de Joinville, Dec. 10, 1863.
h. Male. Presented by H. W. F. Bolckow, Esq., May 4, 1867.
i–m. Born in the Menagerie, May 14, 1868.
n. Male. Deposited, May 31, 1870. From Southern Spain.
o. Hybrid between this species and *Canis familiaris*. Presented by H.R.H. The Prince of Wales, Jan. 26, 1872.
p. Female. Presented by C. G. Danford, Esq., Oct. 16, 1874. From Transylvania.
q, *r*. Presented by C. Bell, Esq., Sept. 24, 1875.
s. Female. Presented by Viscount Hill, June 5, 1876.
t. Female. Presented by J. A. Parlet, Esq., April 6, 1877.

215. *Canis hodophylax*, Temm. & Schl. Japanese Wolf.

Hab. Japan.

a. Female. Presented by H. Heywood Jones, Esq., F.Z.S., June 26, 1878. See P. Z. S. 1878, p. 788.

216. *Canis niger*, Sclater. Black Wolf.

Hab. Tibet.

a, *b*. Presented by Lieut. A. A. Kinloch and Lieut. J. Biddulph, Aug. 6, 1867. See *Canis laniger*, P. Z. S. 1867, p. 820, and P. Z. S. 1874, p. 654, pl. LXXVIII.
c, *d*. Born in the Menagerie, April 23, 1869.
e–g. Born in the Menagerie, April 14, 1870.

h–k. Born in the Menagerie, April 18, 1871.
l–n. Born in the Menagerie, April 8, 1872.
o, *p*. Born in the Menagerie, April 8, 1873.

217. *Canis vulpes*, Linn. Common Fox.

Hab. British Islands.

a. Presented by John Billing, Esq., Aug. 7, 1866.
b. Presented by H. S. T. Wrench, Esq., Jan. 29, 1868.
c–e. Males; *f*. Female. Presented by H.R.H. The Prince of Wales, F.Z.S., July 9, 1869.
g. Female. Presented by Ingram Chapman, Esq., July 22, 1870.
h. Male. Presented by S. F. Liebert, Esq., Dec. 31, 1872.
i. Female. Deposited, Jan. 15, 1873.
j. Male; *k*, *l*. Females. Deposited, June 21, 1873.
m. Male. Presented by J. Rowe, Esq., Jan. 26, 1874.
n. Presented by Mr. Ouchterlony, April 13, 1874. From Russia.
o. Presented by Mr. J. Shepherd, June 2, 1874.
p. Presented by W. Saville, Esq., Dec. 22, 1875.
q. Presented by J. E. Liardet, Esq., March 20, 1876.
r–u. Born in the Menagerie, April 30, 1877.
v. Presented by R. Hayssen, Esq., Sept. 5, 1877.
w. Presented by G. Fredericks, Esq., Jan. 22, 1878.
x. Presented by C. W. Ansdell, Esq., April 16, 1878.
y–b^1. Born in the Menagerie, April 20, 1878.
c^1. Presented by A. Riley, Esq., July 31, 1878.
d^1. Presented by F. B. Toogood, Esq., Oct. 1, 1878.
e^1. Presented by Sutton Sharpe, Esq., Dec. 13, 1878.
f^1. Presented by James Wheatley, Esq., Sept. 19, 1879.
g^1, *h*^{1}. Born in the Menagerie, April 26, 1880.
i^1, *j*^{1}. Presented by E. Schweder, Esq., Sept. 1, 1880.
k^1. Presented by Mrs. Studholme Brownrigg, Oct. 7, 1882.

218. *Canis lagopus*, Linn. Arctic Fox.

Hab. Arctic Regions.

a–f. Presented by Capt. Stewart, Oct. 7, 1863.
g, *h*. Deposited, Oct. 15, 1866.
i. Deposited, June 29, 1871. From Norway.
j. Presented by B. L. Smith, Esq., Oct. 7, 1873.
k. Presented by Mr. Keel, Sept. 4, 1874.
l. Presented by C. R. Wood, Esq., R.N., Sept. 2, 1875.
m. Presented by H. H. Gibbs, Esq., F.Z.S., Nov. 26, 1875.
n, *o*. Presented by Sir T. Erskine, Bart., F.Z.S., Jan. 26, 1877.
p. Deposited, July 30, 1880.
q. Presented by Miss Margeny May, Feb. 15, 1881.

219. *Canis procyonides*, Gray. Raccoon-like Dog.

Hab. North-eastern Asia.

a. Male. Purchased, May 21, 1874. See P. Z. S. 1874, p. 323, pl. L.
b. Female. Presented by Capt. Burgoyne, Aug. 1, 1876.
c–i. Born in the Menagerie, May 2, 1877. See P. Z. S. 1877, p. 530.
j. Male; *k*. Female. Purchased, Dec. 5, 1882.

b. *Species Indicæ*.

220. *Canis pallipes*, Sykes. Indian Wolf.

Hab. India.

a. Presented by J. Adamson, Esq., Aug. 31, 1871.

221. *Canis javanicus*, Desm. Sumatran Wild Dog.

Hab. Sumatra and Java.

a. Presented by Mr. Mumford, Sept. 7, 1875. See P. Z. S. 1875, p. 530.
b, *c*. Received in exchange, June 14, 1880.

222. *Canis primævus*, Hodgs. Indian Wild Dog.

Hab. India.

a, *b*. Presented by Capt. Gildea, 21st Fusileers, Aug. 24, 1867.
c. Presented by J. E. Drummond, Esq., March 29, 1868.
d. Presented by H.E. the Governor-General of India, March 3, 1875. See P. Z. S. 1875, p. 316.
e. Male. Presented by Col. A. C. M'Master, April 12, 1876.

223. *Canis bengalensis*, Shaw. Bengal Fox.

Hab. India.

a. Presented by E. Fane, Esq., C.S., Madras, Aug. 8, 1867.
b, *c*. Purchased, June 10, 1875.

224. *Canis aureus*, Linn. Common Jackal.

Hab. India.

a. Presented by — Brown, Esq., Aug. 5, 1863.
b. Presented by J. Millar, Esq., Sept. 10, 1863.
c, *d*. Born in the Menagerie, March 13, 1864.
e, Presented by Edm. A. Ankers, Esq., July 31, 1867.

f. Male. Presented by Capt. Gallicher, Nov. 4, 1869.
g, *h*. Males. Presented by Capt. G. F. Henry, April 29, 1873.
i. Presented by F. H. Freiderich, Esq., Nov. 3, 1873.
j, *k*. Presented by W. J. Haddock, Esq., May 21, 1876.
l. Presented by J. Allan, Esq., Nov. 2, 1877.
m. Presented by J. Smith, Esq., Aug. 22, 1878.
n. Presented by Capt. Easson, Oct. 23, 1878.
o. Presented by T. Thursfield, Esq., Sept. 8, 1879.

c. *Species Æthiopicæ*.

225. *Canis anthus*, F. Cuv. North-African Jackal.

Hab. North Africa.

a, *b*. Deposited, May 15, 1868.
c–g. Born in the Menagerie, May 16, 1868.
h–k. Presented by Capt. Thos. Waite, June 16, 1869.
l–p. Born in the Menagerie, June 16, 1870.
q–v. Born in the Menagerie, May 13, 1871.
w. Deposited, Sept. 10, 1872. From Southern Spain.
x. Presented by Capt. W. F. Wardroper, Dec. 4, 1882.

226. *Canis mesomelas*, Schreb. Black-backed Jackal.

Hab. South Africa.

a. Male. Presented by Edward Spencer, Esq., Jan. 3, 1851.
b. Female. Presented by Dr. Hay, Jan. 15, 1858.
c, *d*. Presented by E. L. Layard, Esq., F.Z.S., Oct. 31, 1864.
e, *f*. Presented by E. L. Layard, Esq., F.Z.S., March 23, 1865.
g. Presented by M. M. de Pass, Esq., April 15, 1865.
h, *i*. Received, March 27, 1867.
j. Presented by Capt. Brajleholer, May 3, 1873.
k. Presented by Mr. J. Rackstraw, June 11, 1874.
l. Presented by Capt. Webster, June 24, 1874.
m. Female. Presented by Messrs. Donald Currie & Co., June 22, 1875.
n. Presented by the Earl of Guildford, June 2, 1877.
o. Presented by Capt. Fulton, Nov. 22, 1877.
p. Presented by R. Seyd, Esq., F.Z.S., May 8, 1878.
q. Presented by E. J. Redman, Esq., April 1, 1879.
r. Presented by Capt. C. Holled Smith, Dec. 15, 1881.
s. Presented by Capt. E. Jones, April 15, 1882.

227. *Canis lateralis*, Sclater. Side-striped Jackal.

Hab. West Africa.

a. Purchased, March 31, 1870. From the Gaboon. See description and figure, P. Z. S. 1870, p. 279, pl. XVIII. Died Oct. 2, 1873. Mus. Brit.

b, *c*. Purchased, May 27, 1880.
d. Presented by Capt. Owen, R.M.S. 'Anglian,' July 29, 1880.

228. *Canis niloticus*, Desm. Egyptian Fox.

Hab. North Africa.

a. Male. Presented by J. A. Laing, Esq., July 6, 1860.
b. Presented by W. Taylor, Esq., Nov. 5, 1867.
c. Purchased, July 25, 1873.
d. Presented by Mr. J. T. Keane, Feb. 11, 1874. From Port Said.
e. Presented by Commander F. Cotton, May 15, 1878.
f. Presented by Dr. Thomas Biddle, July 20, 1882.

229. *Canis cerdo*, Gm. Fennec Fox.

Hab. Egypt.

a. Male; *b*. Female. Purchased, Aug. 21, 1858.
c, *d*. Purchased, Oct. 10, 1866.
e. Male. Presented by Mrs. Rochat, Oct. 20, 1870.

230. *Canis famelicus*, Rüpp. Syrian Fennec.

Hab. North Africa and Western Asia.

a. Male. Presented by the Sinai Survey Expedition, Feb. 19, 1869. From Mount Sinai. See P. Z. S. 1869, p. 149.
b. Female. Presented by E. S. Dawes, Esq., June 11, 1874. From Bushire, Persian Gulf. See P. Z. S. 1875, p. 420.
c. Male. Presented by E. S. Dawes, Esq., Sept. 11, 1875. From Bushire, Persian Gulf.
d. Purchased, Aug. 25, 1880.

231. *Canis chama*, Smith. Silver-backed Fox.

Hab. South Africa.

a. Presented by H. N. B. Good, Esq., Jan. 6, 1875. From Griqualand West. See P. Z. S. 1875, p. 81, pl. XVII.
b. Male. Presented by R. Ladd, Esq., Dec. 11, 1876.
c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., May 4, 1880.
d, *e*. Presented by Major-Gen. E. A. Bacon, May 14, 1882.

d. *Species Nearcticæ.*

232. *Canis occidentalis*, De Kay. Arctic Wolf.

Hab. North America.

a. Deposited, Dec. 8, 1868. From Hudson's Bay.
b. Received in exchange, May 9, 1876.

233. *Canis latrans*, Say. Prairie Wolf.

Hab. North America.

a. Presented by Prof. C. M. Vincent, F.G.S., Aug. 21, 1878. See P. Z. S. 1878, p. 789.

234. *Canis fulvus*, Desm. Red Fox.

Hab. North America.

a. Presented by William Reid, Esq., Aug. 17, 1864.
b. Presented by Capt. David Herd, C.M.Z.S., Nov. 12, 1867.
c. Var. *decussata*. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Nov. 28, 1867.
d. Deposited, Oct. 23, 1868.
e. Presented by C. Messiter, Esq., July 29, 1869.
f–h. Presented by Capt. D. Herd, Nov. 9, 1871.
i. Presented by Capt. David Herd, C.M.Z.S., Oct. 21, 1873.
j–l. Presented by Edward Darke, Esq., June 28, 1875.
m–o. Deposited, Nov. 10, 1876.
p. Presented by W. G. Marshall, Esq., Oct. 11, 1878.
q. Presented by Lord Hobart, Oct. 4, 1879. From Labrador.
r. Presented by Capt. Russell, March 26, 1880.

235. *Canis argentatus*, Shaw. Silver Fox.

Hab. North America.

a. Male; *b*. Female. Presented by William G. Smith, Esq., Secretary to the Hudson's-Bay Company, Oct. 27, 1854.
c. Deposited, Nov. 20, 1865.
d. Deposited, Oct. 23, 1868.
e–g. Hybrids between this species and female *C. vulpes*. Born in the Menagerie, July 14, 1870.
h. Presented by Edward Harris, Esq., F.L.S., Nov. 20, 1880.
i. Presented by Robert H. S. D. Lydston Newman, Esq., April 29, 1881.
j. Presented by S. R. Platt, Esq., July 22, 1883.

236. *Canis velox*, Say. Kit Fox.

Hab. North America.

a. Purchased, Sept. 29, 1865.
b. Male. Presented by G. Peacock, Esq., Aug. 3, 1869.
c. Presented by A. Shoobridge, Esq., Oct. 27, 1869.
d. Presented by Surgeon-Major Archer, August 4, 1876. From Honduras.

c. *Species Neotropicæ.*

237. *Canis azaræ*, Pr. Max. Azara's Fox.

Hab. South America.

a. Female. Born in the Menagerie, May 17, 1858.
b. Purchased, Feb. 9, 1864.
c, *d*. Presented by W. K. Martin, Esq., June 17, 1864.
e. Presented by Mrs. Laird Warren, Sept. 9, 1864.
f. Presented by H. Maynard, Esq., Jan. 31, 1868.
g. Presented by Mrs. Diggens, June 19, 1868.
h. Presented by G. Wilks, Esq., C.M.Z.S., July 4, 1868.
i. Male. Presented by Dr. Palin, C.M.Z.S., March 20, 1872.
j. Female. Purchased, April 20, 1874.
k. Female. Purchased, May 25, 1876.
l. Received, Jan. 16, 1877.
m. Purchased, Oct. 15, 1877.
n. Purchased, Nov. 20, 1877.
o. Purchased, Dec. 14, 1877.
p. Purchased, Feb. 4, 1878.
q. Presented by Dr. A. Stradling, April 19, 1878.
r, *s*. Presented by Lord Lilford, F.Z.S., May 26, 1880.
t. Presented by Edward Cooper, Esq., June 14, 1880.
u. Presented by Mr. William Petty, March 10, 1881.
v. Presented by Owen E. Grant, Esq., Jan. 17, 1882.

238. *Canis rudis*, Günther. Rough Fox.

Hab. British Guiana.

a. Deposited, April 6, 1879.
b. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Aug. 5, 1879. See Ann. & Mag. Nat. Hist. ser. 5, vol. i. p. 316 (1879).
c. Presented by Mr. W. Petty, Feb. 8, 1881. From Paraguay.
d. Purchased, June 23, 1882.
e. Presented by W. F. Bridges, Esq., Sept. 18, 1882.

239. *Canis cancrivorus*, Desm. Crab-eating Fox.

Hab. Brazil.

a. Presented by Dr. Palin, C.M.Z.S., March 20, 1872.

240. *Canis fulvicaudus*, Lund. Red-tailed Fox.

Hab. South America.

a. Purchased, Jan. 2, 1874.

241. *Canis fulvipes*, Martin. Red-footed Fox.

Hab. South America.

a. Presented by F. Grant, Esq., Oct. 9, 1874. From Pernambuco.

242. *Canis microtis*, Sclater. Small-eared Fox.

Hab. Amazons.

a. Purchased, Sept. 4, 1882. See P. Z. S. 1882, p. 631, pl. XLVII.

243. *Canis magellanicus*, Gray. Magellanic Fox.

Hab. South America.

a. Male; *b*. Female. From Chili. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.
c. Female. Presented by W. Douglas, Esq., June 26, 1872.
d. Presented by the Rev. Dr. Stirling, July 8, 1873. From Southern Patagonia.

244. *Canis antarcticus*, Shaw. Antarctic Wolf.

Hab. Falkland Islands.

a. Obtained by the Society's collector, Aug. 24, 1868. See P. Z. S. 1868, p. 529.
b. Female. Presented by H. Byng, Esq., Nov. 8, 1870. See P. Z. S. 1870, p. 797.

245. *Canis jubatus*, Desm. Red Wolf.

Hab. Buenos Ayres.

a. Female. Purchased, Nov. 30, 1877. See P. Z. S. 1877, p. 806, pl. LXXXI.
b. Female. Presented by Mr. W. Petty, Dec. 6, 1880.

f. *Species Australiana.*

246. *Canis dingo*, Blumenb. Dingo.

Hab. Australia.

a. Male; *b*. Female. Presented by — Hume, Esq., Aug. 20, 1862.
c, *d*. Presented by Dr. Mueller, C.M.Z.S., Dec. 3, 1864. From Melbourne.
e–h. Born in the Menagerie, April 7, 1865.

i. Presented by Capt. Williams, June 6, 1865.
j–*n*. Presented by Dr. Mueller, C.M.Z.S., Sept. 6, 1865.
o. Deposited, Dec. 3, 1865.
p. Presented by James Anderson, Esq., April 27, 1867.
q. Presented by Dr. F. Mueller, C.M.Z.S., July 18, 1867.
r. Presented by William Tucker, Esq., Oct. 17, 1867.
s. Presented by the Governors of the Botanic Gardens, Adelaide, S. A., Dec. 24, 1867.
t. Male. Presented by J. C. Macdonald, Esq., F.Z.S., Feb. 10, 1869.
u. Male. Presented by G. W. D. A. Smith, Esq., Aug. 16, 1870.
v. Male. Presented by C. H. Wigram, Esq., Dec. 5, 1870.
w. Male. Presented by the Zoological and Acclimatization Society of Victoria, April 12, 1875.
x. Male; *y*. Female. Received in exchange, March 29, 1880.
z. Presented by Lord Ernest Gordon, June 5, 1880.
a^1, b^1. Born in the Menagerie, March 9, 1881.
c^1–f^1. Born in the Menagerie, May 12, 1882.

Genus Otocyon.

247. *Otocyon megalotis* (Desm.). Long-eared Fox.

Hab. South Africa.

a. Male. Presented by J. J. Barry, Esq., Oct. 23, 1863.
b, *c*. Females. Presented by Josiah Rivers, Esq., C.M.Z.S., July 25, 1864.

Family MUSTELIDÆ.

Genus Mustela.

248. *Mustela martes*, Linn. Pine-Marten.

Hab. British Islands.

a. Presented by Lord Baynes, Oct. 18, 1864.
b. Presented by John Francis, Esq., April 1, 1865.
c. Deposited, April 30, 1866. From Kerry, Ireland.
d. Presented by W. Wynne, Esq., F.Z.S., March 16, 1868.
e. Presented by J. W. Francis, Esq., May 25, 1874.
f. Presented by J. W. Francis, Esq., Nov. 13, 1874.
g. Presented by F. Nicholson, Esq., F.Z.S., June 22, 1876.
h. Presented by R. Walters, Esq., F.Z.S., June 24, 1878.
i. Presented by R. Walters, Esq., F.Z.S., Dec. 16, 1878.

249. *Mustela foina* (Erxl.). Beech-Marten.

Hab. Russia.

a. Purchased, June 17, 1879.

250. *Mustela pennanti* (Erxl.). Canadian Marten.

Hab. North America.

a. Male: *b*. Female. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 6, 1860.

251. *Mustela putorius*, Linn. Common Polecat.

Hab. British Islands.

a. Presented by F. H. Salvin, Esq., April 16, 1869.
b. Female. Presented by C. Wedge, Esq., April 29, 1871.
c. Presented by Mr. H. C. Brooke, Aug. 3, 1881.
d, *e*. Presented by Mons. M. P. Pichot, Nov. 4, 1881.
f. Purchased, Sept. 23, 1882.

252. *Mustela furo* (Linn.). Common Ferret.

Hab. British Isles.

a. Male. Presented by Mrs. Bay, Sept. 9, 1871.
b, *c*. Presented by Mrs. J. F. Faed, Dec. 14, 1881. From Japan.

253. *Mustela erminea*, Linn. Common Stoat.

Hab. Europe.

a. Presented by Capt. Salvin, July 27, 1870.

254. *Mustela vulgaris* (Gm.). Weasel.

Hab. British Isles.

a. Purchased, Nov. 1, 1878.
b. Purchased, Nov. 3, 1879.
c. Purchased, Nov. 21, 1881.

Genus Gulo.

255. *Gulo luscus* (Linn.). Glutton.

Hab. Northern Europe.

a. Male. Presented by George Gillett, Esq., F.Z.S., Dec. 1, 1858.
b. Purchased, May 29, 1873.
c. Presented by General Astashoff, Sept. 30, 1882.

Genus Galictis.

256. *Galictis barbara* (Linn.). Tayra.

Hab. South America.

a. Presented by Dr. Wucherer, C.M.Z.S., Jan. 4, 1864. From Bahia.
b. Purchased, Jan. 1, 1871. Interior of New Granada.
c. Purchased, March 15, 1871. From Panama.
d. Male. Presented by F. W. Brown, Esq., Feb. 27, 1872.
e. Male; *f*. Female. Purchased, June 21, 1873.
g. Purchased, June 8, 1876.
h, *i*. Born in the Menagerie, Sept. 5, 1878.
j. Purchased, Feb. 17, 1879.
k. Male. Presented by G. A. Muhlhaüser, Esq., May 7, 1880.
l, *m*. Deposited, March 25, 1882.

257. *Galictis vittata* (Schreb.). Grison.

Hab. South America.

a. Male. Purchased, Dec. 24, 1860.
b. Female. Presented by — Gayleard, Esq., April 6, 1863.
c. Purchased, Aug. 23, 1866.
d. Purchased, June 20, 1867.
e. Presented by G. Wilks, Esq., C.M.Z.S., March 5, 1868. From La Plata.
f. Female. Purchased, Nov. 19, 1869.
g. Male. Presented by H.R.H. the Duke of Edinburgh, F.Z.S., June 3, 1871.
h. Female. Purchased, June 9, 1871.
i. Purchased, June 17, 1875.
j. Presented by H. Potier, Esq., Oct. 28, 1878.

Genus Ictonyx.

258. *Ictonyx zorilla* (Thunb.). Cape Zorilla.

Hab. Cape Colony.

a. Purchased, March 2, 1868.
b. Received in exchange, May 9, 1876.
c. Purchased, Nov. 6, 1877.
d, *e*. Presented by Mrs. J. J. Monteiro, July 16, 1878.
f. Presented by J. Colman, Esq., of Loando, Oct. 6, 1878.
g. Presented by Capt. Farmer, June 2, 1882.
h. Purchased, Aug. 24, 1882.

Genus Helictis.

259. *Helictis subaurantiaca*, Swinhoe. Orange-bellied Helictis.
Hab. China.

a. Purchased, Nov. 26, 1874. See P. Z. S. 1874, p. 666.

Genus Mellivora.

260. *Mellivora capensis* (Schreb.). Cape Ratel.
Hab. Africa.

a. Male. Presented by Capt. Tower, R.N., July 11, 1857.
b. Female. Presented by E. Wemyss, Esq., Nov. 30, 1861.
c. Female. Received in exchange, Aug. 3, 1866. Specimen described and figured, P. Z. S. 1867, p. 98, pl. VIII., as *Mellivora leuconota*, Sclater. See also P. Z. S. 1871, p. 232.

261. *Mellivora indica* (Shaw). Indian Ratel.
Hab. India.

a, *b*. Males. Presented by Arthur Grote, Esq., F.Z.S., April 26, 1862.
c. Male. Presented by Dr. Anderson, F.Z.S., March 25, 1870.
d. Female. Presented by L. Macneill, Esq., May 29, 1874.

Genus Taxidea.

262. *Taxidea americana* (Zimm.). American Badger.
Hab. North America.

a. Purchased, Jan. 23, 1869. See P. Z. S. 1869, p. 149.

Genus Meles.

263. *Meles taxus* (Bodd.). Common Badger.
Hab. British Islands.

a. Male. Presented by J. H. Thrupp, Esq., May 22, 1860.
b. Female. Presented by the Duke of Richmond, April 22, 1862.
c. Female. Presented by John Boswell, Esq., Dec. 9, 1863.
d. Presented by Lord Garvagh, F.Z.S., March 4, 1865.

c. Presented by Henry Elwes, Esq., F.Z.S., Jan. 8, 1867.
f–h. Presented by J. G. Topham, Esq., March 29, 1868.
i. Presented by W. H. Allies, Esq., F.Z.S., July 17, 1868.
j. Presented by the Lord Willoughby d'Eresby, Apr. 23, 1869.
k. Deposited, Dec. 29, 1869.
l. Male. Presented by J. B. Green, Esq., Oct. 11, 1870.
m. Presented by J. E. Liardet, Esq., March 20, 1876.
n. Presented by W. Barneby, Esq., F.Z.S., April 27, 1876.
o. Born in the Menagerie, March 14, 1877.
p. Presented by the Lord Saltoun, F.Z.S., Jan. 30, 1878.
q. Presented by Messrs. J. H. & B. H. Thompson, May 8, 1878.
r–t. Born in the Menagerie, March 10, 1879.
u, *v*. Born in the Menagerie, March 18, 1880.
w. Presented by Frank G. Haines, Esq., July 12, 1880.
x. Presented by Mrs. Rocke, March 16, 1881.
y, *z*. Presented by C. R. Meltzer, Esq., Feb. 2, 1882. From Russia.
a^1. Deposited, March 2, 1882.
b^1, c^1. Born in the Gardens, March 15, 1882.

264. *Meles ankuma*, Temm. Sand-Badger.

Hab. Japan.

a, *b*. Purchased, June 1, 1865. See P. Z. S. 1865, p. 466.
c, *d*. Presented by the Hon. Lieut. A. C. Littleton, Oct. 26, 1873. See P. Z. S. 1873, p. 761.

265. *Meles leptorhynchus*, A. Milne-Edwards. Sharp-nosed Badger.

Hab. China.

a. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 13, 1873. See P. Z. S. 1873, p. 762.

Genus Arctonyx.

266. *Arctonyx collaris*, F. Cuv. Indian Badger.

Hab. Assam.

a. Presented by Dr. J. Anderson, C.M.Z.S., Aug. 6, 1867. From Tavoy. See P. Z. S. 1867, p. 821.
b. Male. Presented by Lieut.-Col. Hildebrand, Dec. 11, 1872. See P. Z. S. 1873, p. 1.

Genus Mephitis.

267. *Mephitis mephitica* (Shaw). Canadian Skunk.

Hab. North America.

a. Presented by Capt. D. Herd, H.B.C.S., C.M.Z.S., Nov. 20, 1865. From Hudson's Bay.
b, *c*. Presented by the Hudson's Bay Co., Oct. 29, 1867.
d. Purchased, Nov. 23, 1869.

Genus Conepatus.

268. *Conepatus mapurito* (Gmel.). Chilian Skunk.

Hab. Chili.

a. Presented by Mr. Edmonds, April 7, 1864.
b. Male; *c*. Female. Purchased, July 6, 1870. See *Mephitis chilensis*, P. Z. S. 1870, p. 665.
d, *e*. Deposited, March 6, 1879.

Genus Lutra.

269. *Lutra vulgaris*, Erxl. Common Otter.

Hab. British Islands.

a. Male; *b*. Female. Presented by the Marquis of Bath, F.Z.S., June 15, 1861.
c. Presented by John Henry Gurney, Esq., F.Z.S., March 28, 1864.
d. Presented by Lord Huntingfield, F.Z.S., May 17, 1865.
e. Presented by William Burnley Hume, Esq., Nov. 9, 1865.
f. Presented by the Hon. Rowland Hill, M.P., April 17, 1866.
g. Presented by F. Ware, Esq., May 12, 1866.
h. Presented by the Hon. Rowland Hill, July 19, 1867.
i. Presented by H. J. Pope, Esq., May 20, 1869.
j. Presented by A. Fairgrieve, Esq., Sept. 13, 1869.
k. Male. Presented by Capt. de Winton, F.Z.S., May 30, 1870.
l. Presented by Viscount Hill, F.Z.S., July 11, 1870.
m. Presented by the Lord Huntingfield, March 1, 1872.
n. Female. Deposited, Feb. 15, 1873.
o. Deposited, Jan. 3, 1874.
p. Presented by Dr. Stafford, March 12, 1874.
q. Received in exchange, Feb. 23, 1876.
r. Presented by J. Herbert, Esq., April 30, 1876.
s, *t*. Presented by August B. Foster, Esq., March 31, 1877.
u. Presented by W. H. Baylis, Esq., Oct. 10, 1878.
v. Purchased, June 4, 1880.

w. Purchased, July 27, 1880.
x. Female. Received in exchange, April 21, 1880.
y, *z*. Presented by H. Mitchell, Esq., Sept. 22, 1881.
a^1, *b*^{1}. Young. Presented by the Reading Angling Association, Jan. 14, 1882.
c^1. Purchased, Feb. 7, 1882.
d^1. Purchased, May 12, 1882.

270. *Lutra nair*, F. Cuv. Indian Otter.

Hab. India.

a. Purchased, Aug. 27, 1879. From Rangoon. See P. Z. S. 1879, p. 664.

Family PROCYONIDÆ.

Genus Procyon.

271. *Procyon lotor* (Linn.). Raccoon.

Hab. North America.

a. Male. Purchased, July 11, 1861.
b. Presented by W. H. Adams, Esq., May 6, 1863.
c, *d*. Presented by Egbert W. Cooper, Esq., 2nd W. I. Regt., Nov. 10, 1863.
e, *f*. Presented by H. O. Harris, Esq., Sept. 26, 1864.
g, *h*. Presented by Henry Jubber, Esq., F.Z.S., March 20, 1867.
i, *j*. Born in the Menagerie, June 3, 1868.
k, *l*. Presented by C. Messiter, Esq., July 29, 1869.
m. Presented by Miss Breach, Oct. 9, 1873.
n. Male. Purchased, Jan. 30, 1874.
o. Male. Presented by Mr. S. Taylor, June 15, 1874.
p. Presented by J. Trimnell, Esq., Nov. 30, 1874.
q. Presented by Miss Julia Jackson, Feb. 27, 1875.
r. Male. Presented Mr. Wesson, May 27, 1875.
s. Presented by W. Binder, Esq., Sept. 14, 1875.
t. Deposited, May 5, 1876.
u. Presented by H. B. Whitmarsh, Esq., Sept. 13, 1876.
v. Presented by Mark Vice, Esq., Aug. 3, 1882.

272. *Procyon cancrivorus* (Cuv.). Crab-eating Raccoon.

Hab. South America.

a. Purchased, March 16, 1864.
b. Purchased, May 13, 1870. Black-footed variety. See P. Z. S. 1875, p. 421.

c. Presented by A. M. Sandbach, Esq., June 11, 1872. From British Guiana. Red-footed variety. See P. Z. S. 1875, p. 421.
d. Male; *e*. Female. Purchased, Oct. 1, 1872. From Colon. Red-footed variety. See P. Z. S. 1875, p. 421.
f, *g*. Presented by J. R. H. Wilton, Esq., April 14, 1875.
h, *i*. Purchased, Oct. 15, 1877.
j. Presented by R. Bridgett, Esq., April 30, 1879.
k. Purchased, March 2, 1880. From Baranquilla.
l. Female. Purchased, Sept. 16, 1880.
m. Presented by H. B. Whitmarsh, Esq., Jan. 3, 1882.

Genus Nasua.

273. *Nasua narica* (Linn.). White-nosed Coati.

Hab. Central America and Peru.

a. Presented by Lieut. J. L. Hearne, R.N., Nov. 8, 1870. From Acapulco, Mexico.
b. Female. Purchased, Oct. 1, 1872. From Vera Cruz.

274. *Nasua rufa* (Desm.). Ring-tailed Coati.

Hab. South America.

a–*z*. See former editions.
a^1. Purchased, April 17, 1876 .
b^1. Deposited, June 10, 1876.
c^1. Presented by the Hon. C. W. Finsch, July 20, 1876.
d^1. Presented by R. C. Corfield, Esq., Aug. 5, 1876.
e^1. Male. Presented by Dr. Bree, F.Z.S., Sept. 13, 1876.
f^1, g^1. Presented by J. A. Watson, Esq., Oct. 3, 1876.
h^1. Female. Deposited, Dec. 16, 1876.
i^1. Deposited, June 23, 1877.
j^1. Female. Presented by — Thynne, Esq., July 20, 1877.
k^1. Male. Presented by J. Trotter, Esq., Aug. 7, 1877.
l^1. Presented by Dr. G. P. Best, M.R.C.S., Oct. 12, 1877.
m^1, n^1. Born in the Menagerie, Nov. 1, 1877.
o^1. Purchased, Dec. 14, 1877.
p^1. Male; q^1. Female. Presented by the Hon. G. H. Wynn, Feb. 28, 1878.
r^1. Received in exchange, July 25, 1878.
s^1. Deposited, July 31, 1878.
t^1. Received in exchange, August 6, 1878.
u^1. Purchased Jan. 24, 1879. From Buenos Ayres.
v^1. Purchased, March 7, 1879.
w^1. Presented by C. S. Barnes, Esq., Sept. 17, 1879. Paraguay.

x^1. Presented by Percy Brewis, Esq., Sept. 19, 1879.
y^1. Deposited, March 7, 1880.
z^1. Presented by C. B. Robinson, Esq., July 9, 1880.
a^2–d^2. Presented by Lieut.-Col. J. A. Smith, July 19, 1880.
e^2. Purchased, Sept. 13, 1880.
f^2. Purchased, Oct. 6, 1880.
g^2. Presented by H. T. Jones, Nov. 6, 1880.
h^2. Presented by H. Hallawell, Esq., Dec. 7, 1880.
i^2. Presented by Mrs. Fuller, March 17, 1881.
j^2. Presented by L. H. Haworth, Esq., Aug. 25, 1881.
k^2. Presented by F. B. Norcliffe, Esq., Oct. 29, 1881.
l^2. Presented by John Verinder, Esq., Jan. 10, 1882.
m^2. Presented by Capt. Roxby, Sept. 9, 1882.
n^2. Presented by Mr. E. D. Hatch, Sept. 15, 1882.

Genus Cercoleptes.

275. *Cercoleptes caudivolvulus* (Pall.). Kinkajou.

Hab. Demerara.

a–*z*. See former editions.
a^1. Deposited, Nov. 24, 1875.
b^1. Deposited, Dec. 7, 1876.
c^1. Purchased, March 31, 1877.
d^1. Deposited, June 2, 1877.
e^1. Purchased, Aug. 30, 1877.
f^1, g^1. Purchased, Dec. 14, 1877.
h^1. Deposited, Oct. 4, 1878.
i^1. Purchased, Dec. 2, 1878.
j^1. Presented by M. B. Salmon, Esq., June 20, 1879.
k^1. Purchased, April 29, 1880.
l^1. Deposited, Dec. 31, 1881.
m^1. Purchased, April 15, 1882.

Family ÆLURIDÆ.

Genus Ælurus.

276. *Ælurus fulgens*, F. Cuvier. Panda. (Fig. 8.)

Hab. Nepal.

a. Presented by Dr. Simpson, May 22, 1869. See notice P. Z. S. 1869, p. 408. See also notes by Dr. Simpson, P. Z. S. 1869, p. 507, and figure, *ibid.* pl. XLI., taken from this specimen; description of its anatomy by Prof.

Flower, P. Z. S. 1870, p. 752, and of its habits in captivity, by Mr. Bartlett, p. 769.
b. Purchased, Jan. 31, 1876. See P. Z. S. 1876, p. 255.

Fig. 8.

Ælurus fulgens. (P. Z. S. 1869, p. 408.)

Family URSIDÆ.

Genus Ursus.

277. *Ursus maritimus*, Linn. Polar Bear.

Hab. Polar regions.

a. Female. Purchased, Sept. 28, 1846.
b. Male. Purchased, Oct. 1850.
c. Born in the Menagerie, Nov. 16, 1865.
d, *e*. Born in the Menagerie, Nov. 24, 1866.

f. Male. Presented by B. L. Smith, Esq., F.Z.S., Dec. 9, 1871.
g. Male. Deposited, Oct. 26, 1875.
h, *i*. Presented by B. Leigh Smith, Esq., F.Z.S., Oct. 16, 1880.

278. *Ursus arctos*, Linn. Brown Bear*.

Hab. Northern Europe and Asia.

a. Male. Purchased, June 1, 1852.
b. Female. Presented by Major Hon. W. C. W. Coke, M.P., F.Z.S.
c. Young. Var. *collaris*. Deposited, April 9, 1862.
d. Presented by Viscount Ranelagh, May 10, 1864.
e, *f*. Presented by H. N. Alder, Esq., July 19, 1864. From Russia.
g. Presented by Capt. W. Beauchamp Seymour, R.N., C.B., Oct. 18, 1864. From Hakodadi, Japan. See P. Z. S. 1864, p. 374.
h. Received, July 5, 1865.
i. Presented by Charles Sidgreaves, Esq., July 18, 1865.
j. Received in exchange, Feb. 7, 1866.
k. Male. Deposited, April 3, 1869.
l. Male. Presented by Capt. Blackiston, May 12, 1869. From Jesso, Japan.
m. Female. Deposited, Oct. 12, 1870.
n. Presented by C. Czarnikow, Esq., F.Z.S., July 7, 1871.
o. Deposited, May 26, 1873. From Japan.
p. Presented by M. B. Wilson, Esq., Sept. 30, 1873.
q. Male. Presented by A. Vale, Esq., Oct. 5, 1875.
r. Female. Presented by Walter H. Beaton, Esq., Oct. 5, 1875.
s, *t*. Deposited, Oct. 7, 1876.
u. Presented by J. Mason Allen, Esq., Jan. 29, 1878.
v. Presented by J. R. Boyce, Esq., Aug. 2, 1879.
w. Male. Received in exchange, Sept. 22, 1879.
x. Presented by Messrs. Jas. Veitch and Son and Mrs. Charles Maries, Jan. 6, 1880. From Japan.
y. Female. Presented by Commodore Alwell Lake, R.N., April 13, 1880.
z. Presented by C. Overbeck, Esq., June 5, 1880.
a^1. Deposited, April 12, 1881. From Spain.
b^1. Presented by Messrs. Morgan, Gellibrand, and Co., Sept. 1881.

---

* For notice of hybrids between this species and *U. americanus* see Bartlett, P. Z. S. 1860, p. 130.

279. *Ursus isabellinus*, Horsf. Isabelline Bear.

Hab. India.

a. Received in exchange, March 7, 1876. See P. Z. S. 1878, p. 377.

280. *Ursus syriacus*, Ehrenb. Syrian Bear.

Hab. Western Asia.

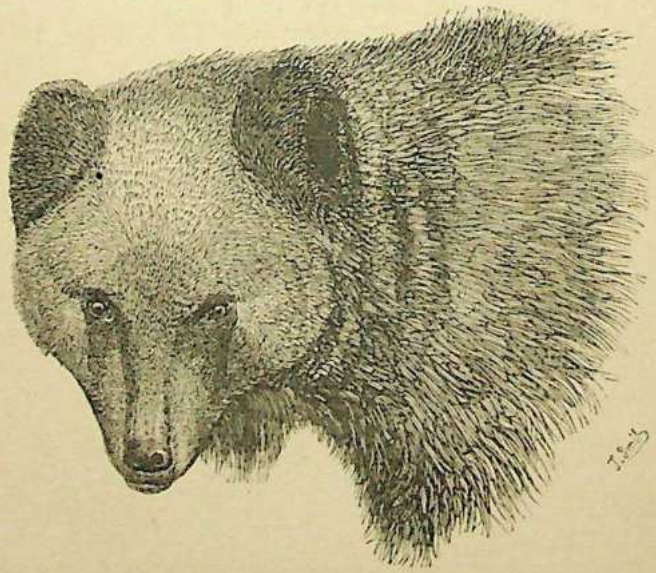
a. Female. Purchased, April 4, 1851.
b. Male. Presented by E. T. Rogers, Esq., H.B.M.'s Consul at Damascus, Sept. 21, 1864. From Syria.
c. Female. Presented by W. Kirby Green, Esq., May 29, 1875.
d. Presented by Dr. J. Huntley, March 3, 1879.

281. *Ursus piscator*, Pucb. Hairy-eared Bear. (Fig. 9.)

Hab. North-east Asia.

a. Presented by W. Scott Stonehewer, Esq., Sept. 14, 1867. Specimen described by Dr. Gray, Ann. N. H. ser. 3, xx. p. 301, as *Ursus lasiotis*. See notice by Sclater, P. Z. S. 1867, p. 817.

Fig. 9.



Head of *Ursus piscator*. (P. Z. S. 1867, p. 817.)

282. *Ursus horribilis*, Ord. Grizzly Bear.

Hab. Western North America.

a. Purchased, Aug. 12, 1876. From California. See P. Z. S. 1876, p. 695.

283. *Ursus tibetanus*, F. Cuv. Himalayan Bear.

Hab. Northern India and China.

a. Female. Presented by W. H. Russell, Esq., F.Z.S., Oct. 7, 1859. From India.
b. Presented by H. O. Hebeler, Esq., 6th Regt. Foot, Sept. 19, 1864. From India.
c. Purchased, Oct. 24, 1866. From Northern China. *Cf.* Sclater, P. Z. S. 1866, p. 418.
d. Deposited, May 14, 1867.
e. Presented by R. Swinhoe, Esq., C.M.Z.S., H.B.M.'s Consul at Amoy, Sept. 24, 1867. From Formosa. *Ursus formosanus*, Swinhoe, P. Z. S. 1864, p. 380. See P. Z. S. 1867, p. 818.
f. Presented by Capt. Butler, May 4, 1868. From India.
g. Presented by Admiral Sir H. Keppel, K.C.B., April 14, 1870. From Eastern Siberia.
h. Male. Presented by Mrs. Nourse, May 16, 1870.
i. Female. Presented by Capt. Lyon, Jan. 17, 1871.
j. Female. Presented by G. R. Taylor, Esq., July 19, 1873.
k. Presented by Geo. Lockie, Esq., June 30, 1874.
l. Male. Presented by H.R.H. the Prince of Wales, Jan. 9, 1877.
m. Presented by Comm. J. S. Murray, June 13, 1878.
n. Female. Presented by J. E. Coope, Esq., Aug. 20, 1882.

284. *Ursus japonicus*, Schleg. Japanese Bear.

Hab. Japan.

a, *b*. Females. Purchased, April 1, 1862. Types of *Ursus japonicus*, Sclater, P. Z. S. 1862, pp. 187 & 261, pl. xxxii.

285. *Ursus americanus*, Pall. Black Bear.

Hab. North America.

a. Male. Presented by J. Wingfield Malcolm, Esq., Oct. 5, 1860.
b. Female. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 11, 1861.
c. Presented by Capt. d'Arcy, R.N., Nov. 22, 1864.
d. Presented by — Keye, Esq., Jan. 15, 1866.
e. Deposited, March 1, 1866.

f. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Nov. 8, 1866. From the Hudson's Bay Territory.
g. Purchased, Jan. 28, 1868. Specimen described and figured by Sclater, P. Z. S. 1868, p. 73, pl. VIII., as *Ursus nasutus*. See P. Z. S. 1871, p. 232.
h. Male. Var. *cinnamomea*. Purchased, Jan. 13, 1869.
i. Presented by G. Stanley Arred, Esq., July 14, 1869.
j. Male. Presented by Rees Davis, Esq., Aug. 28, 1869.
k, *l*. Deposited, Oct. 30, 1869.
m. Male. Presented by Col. Jenyns and Officers of the 13th Hussars, March 29, 1870.
n. Female. Presented by G. W. D. A. Smith, Esq., Aug. 16, 1870.
o. Male. Presented by Col. Campbell and Officers of the 100th Regiment, Oct. 18, 1870.
p. Presented by W. Stead, Esq., Jan. 5, 1877.
q. Male. Received in exchange, June 12, 1879.
r. Female. Presented by the Earl of Caledon, F.Z.S., and the Hon. Charles Alexandar, July 14, 1881.
s. Female. Presented by Lady Brassey, Sept. 22, 1881.
t. Presented by Capt. M'Pherson, Nov. 1, 1881.

286. *Ursus malayanus*, Raffles. Malayan Bear.
Hab. Malacca.

a, *b*. Purchased, March 12, 1863.
c. Presented by T. Pandorf, Esq., Sept. 14, 1867.
d. Purchased, March 2, 1873.
e. Female. Presented by A. C. Crookshank, Esq., Aug. 14, 1873.
f. Presented by Dr. F. Wicksteed, May 17, 1877.
g. Female. Presented by S. Palmer, Esq., March 21, 1878.
h. Purchased, Jan. 16, 1882.

287. *Ursus ornatus*, F. Cuv. Spectacled Bear.
Hab. Andes of Peru.

a. Purchased, Oct. 4, 1871. See P. Z. S. 1871, p. 700.
b. Purchased, July 9, 1874.

Genus Melursus.

288. *Melursus ursinus* (Shaw). Sloth Bear.
Hab. India.

a. Female. Presented by Lieut. James Howe Mardon, 66th Regt., Nov. 19, 1863.
b. Purchased, Oct. 21, 1865.
c. Presented by H. Morland, Esq., July 16, 1868.

d. Presented by Capt. A. Morrell, R.N., Sept. 22, 1869
e. Presented by Capt. D. P. Murray, April 8, 1870.
f. Male; *g*. Female. Presented by Capt. J. C. Hicks, Sept. 9, 1870.
h. Male; *i*. Female. Presented by the Rajah of Nuzuveed, Jan. 8, 1872.
j. Male. Presented by W. Dumaresq Wright, Esq., May 11, 1875.
k. Presented by Lieut.-Col. R. A. Roberts, Royal Engineers, July 3, 1875.
l. Presented by Messrs. Boyle & Gray, Lts. R.N., Aug. 22, 1876.
m. Presented by Col. Boyle, Grenadier Guards, Aug. 31, 1880.

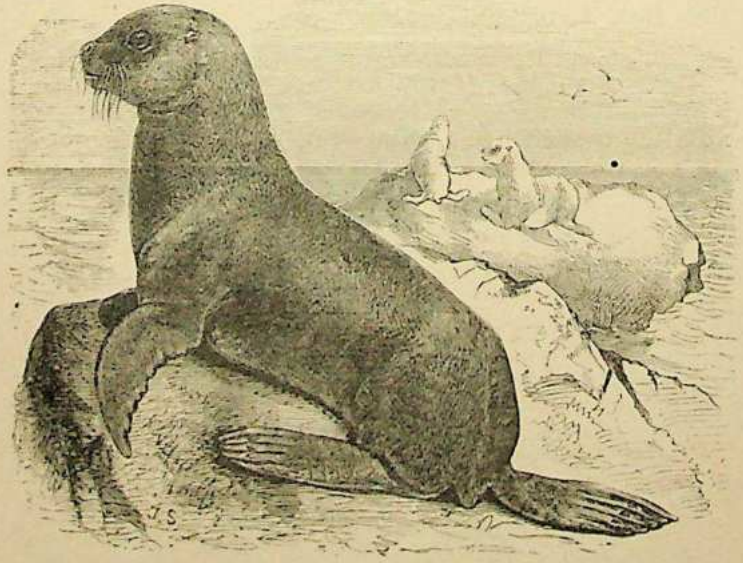
Family OTARIIDÆ.

Genus Otaria.

289. *Otaria jubata* (Gm.). Patagonian Sea-Lion. (Fig. 10.)
Hab. Arctic America.

a. Male. Purchased, Jan. 25, 1866. See P.Z.S. 1866.

Fig. 10.



Otaria jubata. (P.Z.S. 1866, p. 80.)

p. 80, and Zool. Sk. ser. 2. pl. xi., where this specimen is called *Otaria hookeri*. But see also note, P.Z.S. 1868, p. 190; Murie, P. Z. S. 1867, p. 243, and Tr. Z. S. vii. p. 527.

b. Female. Captured at North-Point Island, Falkland Islands, June 8, 1867, by the Society's agent, and received Aug. 24, 1868. See P. Z. S. 1868, p. 527.

c. Male. Presented by F. E. Cobb, Esq., May 20, 1879. See P. Z. S. 1879, p. 551.

290. *Otaria pusilla* (Schreb.). Cape Sea-Lion.

Hab. South Africa.

a. Female. Presented by H.E. Sir Henry Barkly, C.M.Z.S., Oct. 25, 1871. See P. Z. S. 1871, p. 700.

Family TRICHECHIDÆ.

Genus Trichechus.

291. *Trichechus rosmarus*, Linn. Walrus.

Hab. Arctic seas.

a. Male. Purchased, Nov. 1, 1867. Died Dec. 19, 1867. See P. Z. S. 1867, p. 818; also account of its examination *post mortem* by Murie, P. Z. S. 1868, p. 67; and memoir on its anatomy by the same author, Trans. Zool. Soc. vol. vii. p. 411.

Family PHOCIDÆ.

Genus Halichœrus.

292. *Halichœrus grypus* (Fabr.). Grey Seal.

Hab. North Atlantic.

a. Male; *b*. Female. Purchased, Nov. 11, 1871. See P.Z.S. 1871, p. 701.

c, *d*. Males. Purchased, Nov. 15, 1872.

Genus Phoca.

293. *Phoca vitulina*, Linn. Common Seal.

Hab. British seas.

a. Purchased, Aug. 2, 1861.
b. Female. Purchased, April 17, 1862.
c, *d*. Purchased, July 11, 1867.
e–*g*. Purchased, July 15, 1867.
h, *i*. Purchased, July 23, 1867.
j. Purchased, Nov. 16, 1867.
k–*n*. Purchased, March 23, 1868.
o. Born in the Menagerie, June 9, 1868.
p. Presented by H. J. Elwes, Esq., F.Z.S., July 11, 1868.
q. Purchased, July 27, 1868.
r–*t*. Purchased, Nov. 3, 1868.
u. Male. Purchased, Aug. 3, 1869.
v. Female. Purchased, Aug. 7, 1869.
w. Male. Purchased, March 13, 1870.
x. Male. Presented by Mr. Beard, July 23, 1871.
y. Received in exchange, Dec. 18, 1871.
z. Presented by G. Mellin, Esq., Oct. 1, 1877. *Cf.* Garrod, P. Z. S. 1877, p. 792.
a^1. Purchased, April 26, 1878.
b^1, c^1. Purchased, June 9, 1878.
d^1. Deposited, June 26, 1878.
e^1. Presented by Messrs. Thompson and Gough, Oct. 22, 1878.
f^1. Presented by the Earl of Hopetoun, Jan. 15, 1879.
g^1. Presented by Capt. Charles Rawle, April 8, 1879.
h^1. Purchased, June 7, 1879.
i^1, j^1. Purchased, April 19, 1880.
k^1. Purchased, July 14, 1880.

294. *Phoca grœnlandica*, Fabr. Greenland Seal*.

Hab. North America.

a–*d*. Males. Purchased, May 6, 1869. See P. Z. S. 1869, p. 407.
e. Female. Purchased, May 11, 1869. See P. Z. S. 1869, p. 407.
f, *g*. Presented by Sir C. M. Lampson, Bart., F.Z.S., May 18, 1869.
h. Male. Purchased, May 6, 1870. From Hudson's Bay.
i. Male. Presented by Capt. A. Gray, April 24, 1874.

---

* See paper on this species by Dr. Murie, P. Z. S. 1870, p. 604, pl. xxxii.

Genus Monachus.

295. *Monachus albiventer* (Bodd.). Mediterranean Seal.
Hab. Mediterranean Sea.

a. Presented by M. Yeats Brown, Esq., May 18, 1882. See P. Z. S. 1882, p. 547.

Genus Cystophora.

296. *Cystophora cristata* (Erxl.). Bladder-nosed Seal.
Hab. North Atlantic.

a, *b*. Males; *c*. Female. Purchased, May 6, 1870. See P. Z. S. 1870, p. 381.
d. Presented by Capt. D. Herd, C.M.Z.S., May 20, 1870.
e–g. Purchased, April 25, 1871. From the Greenland seas.
h. Deposited, April 20, 1873.
i. Male. Presented by Capt. D. Gray, April 24, 1874.
j, *k*. Males; *l*. Female. Presented by Capt. A. Gray, April 24, 1874. See P. Z. S. 1874, p. 247.
m. Purchased, Aug. 13, 1878.

Order IV. INSECTIVORA.

Family TALPIDÆ.

Genus Talpa.

297. *Talpa europæa*, Linn. Common Mole.
Hab. British Islands.

a. Presented by G. N. L. Austin, Esq., March 15, 1864.

Family ERINACEIDÆ.

Genus Erinaceus.

298. *Erinaceus europæus*, Linn. Common Hedgehog.
Hab. British Islands.

a. Presented by E. March, Esq., Dec. 6, 1871.
b. Purchased, June 7, 1873.
c. Presented by Mr. White, June 8, 1873.
d. Presented by Mrs. Angus, Sept. 21, 1874.
e. Presented by Mr. E. Sass, Nov. 2, 1878.
f. Presented by J. Halz, Esq., July 18, 1881.
g. Presented by W. Dunn, Esq., C.M.Z.S., July 22, 1881.
h–j. Presented by W. Bayes, Esq., Sept. 20, 1882.

299. *Erinaceus algirus*, Lereboull. et Duvern. Algerian Hedgehog.
Hab. Algiers.
a. Presented by Dr. G. E. Dobson, C.M.Z.S., Nov. 12, 1880.

300. *Erinaceus collaris*, Gray. Collared Hedgehog.
Hab. North-west India.
a–d. Presented by A. Anderson, Esq., F.Z.S., May 17, 1873. See P. Z. S. 1873, p. 518.

301. *Erinaceus frontalis*, Smith. Cape Hedgehog.
Hab. South Africa.
a. Received in exchange, Aug. 13, 1877. See P. Z. S. 1877, p. 681.

Family TUPAIIDÆ.

Genus Tupaia.

302. *Tupaia peguana*, Lesson. Peguan Tree-Shrew.
Hab. Burmah.
a. Presented by the Hon. Ashley Eden, C.S.I., Feb. 8, 1875. See P. Z. S. 1875, p. 156.

303. *Tupaia tana*, Raffles. Tana Tupaia.
Hab. Borneo.
a. Purchased, Jan. 11, 1881. See P. Z. S. 1881, p. 259.

Order V. CHIROPTERA.

Family PTEROPODIDÆ.

Genus Pteropus.

304. *Pteropus formosus*, Sclater. Formosa Fruit-Bat.
Hab. Formosa.
a, *b*. Presented by the Rev. Mr. Ritchie, Jan. 9, 1873. See P. Z. S. 1873, p. 193, pl. xxii.

305. *Pteropus poliocephalus,* Temm. Australian Fruit-Bat.

Hab. Australia.

a. Presented by H.R.H. The Duke of Edinburgh, July 4, 1868. See P. Z. S. 1868, p. 526.
b, c. Purchased, July 17, 1882.
d. Born in the Gardens, Oct 7, 1882.

306. *Pteropus medius,* Temm. Indian Fruit-Bat.

Hab. India.

a. Presented by Edward W. Bagshot, Esq., Oct. 1, 1863.
b. Purchased, Feb. 15, 1872.
c–f. Deposited, Nov. 29, 1872.
g. Presented by Dr. Stafford, Oct. 21, 1874.
h. Purchased, Sept. 1, 1875.
i. Presented by Capt. F. P. Millett, March 10, 1879.
j, k. Purchased, Nov. 4, 1880.
l–x. Presented by Messrs. Davies and Jolliff, Jan. 3, 1881.
y. Presented by E. H. Maskell, Esq., May 9, 1881.

307. *Pteropus hypomelanus,* Temm. Blackish Fruit-Bat.

Hab. Indian archipelago.

a. Deposited, April 29, 1867. See P. Z. S. 1868, p. 531.

Genus Cynonycteris.

308. *Cynonycteris collaris* (Illiger). Collared Fruit-Bat. (Fig. 11, p. 96.)

Hab. South Africa.

a. Female. Purchased, May 27, 1868. From Natal. See P. Z. S. 1868, p. 401.
b. Male. Purchased, Nov. 1, 1869. See P. Z. S. 1869, p. 602.
c. Born in the Menagerie, Feb. 27, 1870. See P. Z. S. 1870, p. 127.
d. Born in the Menagerie, April 7, 1871. See P. Z. S. 1871, p. 478.
e. Male. Received in exchange, Dec. 18, 1871.
f. Born in the Menagerie, Jan. 27, 1872.
g. Born in the Menagerie, Feb. 10, 1873.
h. Born in the Menagerie, Feb. 2, 1874.
i. Born in the Menagerie, July 5, 1874.
j. Born in the Menagerie, Jan. 23, 1875.
k. Born in the Menagerie, April 10, 1875.

l. Born in the Menagerie, July 12, 1875.
m. Born in the Menagerie, March 14, 1876.
n. Born in the Menagerie, April 25, 1876.

Fig. 11.

Cynonycteris collaris ♀ and young. (P. Z. S. 1870, p. 127.)

o. Born in the Menagerie, March 31, 1877.
p. Born in the Menagerie, April 8, 1877.
q. Born in the Menagerie, Dec. 28, 1877.

r. Born in the Menagerie, April 21, 1878.
s. Born in the Menagerie, May 13, 1878.
t. Born in the Menagerie, Oct. 22, 1878.
u. Born in the Menagerie, June 21, 1879.
v. Purchased, July 4, 1879. Captured on the Red Sea.
w. Born in the Menagerie, April 16, 1880.
x. Born in the Menagerie, June 24, 1880.
y, *z*. Born in the Menagerie, July 29, 1880.
a^1. Purchased, Aug. 21, 1880.
b^1. Born in the Menagerie, Jan. 15, 1881.
c^1. Born in the Menagerie, April 20, 1881.
d^1. Born in the Menagerie, Sept. 20, 1881.
e^1. Born in the Menagerie, May 26, 1882.
f^1. Born in the Menagerie, Oct. 19, 1882.
g^1. Born in the Menagerie, Nov. 8, 1882.

Genus Cynopterus.

309. *Cynopterus marginatus* (Geoffr.). White-eared Fruit-Bat.

Hab. India.

a. Male; *b*. Female. Purchased, May 4, 1871. See P. Z. S. 1871, p. 543.
c. Born in the Menagerie, March 6, 1872.

Family VESPERTILIONIDÆ.

Genus Plecotus.

310. *Plecotus auritus* (Linn.). Long-eared Bat.

Hab. Europe.

a. Presented by Miss E. M. Smee, Nov. 11, 1876.
b. Presented by Mr. J. Ward, April 24, 1879.

Genus Vespertilio.

311. *Vespertilio nattereri*, Kuhl. Natterer's Bat.

Hab. British Isles.

a, *b*. Presented by Lord Lilford, P.Z.S., July 19, 1872. See P. Z. S. 1872, p. 790.

Family EMBALLONURIDÆ.

Genus Taphozous.

312. *Taphozous nudiventris* (Cretzsch.). Naked-bellied Tomb-Bat.

Hab. Africa.

a. Presented by Mr. W. Jamrach, Jan. 20, 1873. See P. Z. S. 1873, p. 194.

Order VI. RODENTIA.

Family SCIURIDÆ.

Genus Sciurus.

a. *Species regionis palæarcticæ.*

313. *Sciurus vulgaris*, Linn. Common Squirrel.

Hab. British Islands.

a–c. Deposited, Dec. 31, 1862.
d, *e*. Purchased, Dec. 12, 1863.
f. Presented by A. M. Furby, Esq., March 27, 1865.
g. Presented by G. V. Hill, Esq., Oct. 7, 1865.
h. Presented by E. Boyle, Esq., Jan. 2, 1866.
i. Presented by Miss Newman, May 23, 1872.
j. Presented by J. Edwards, Esq., Jan. 15, 1873.
k. Var. Purchased, May 5, 1875.
l. Presented by à Court Repington, Esq., July 14, 1876.
m. Presented by T. Massey, Esq., F.Z.S., Nov. 12, 1877.
n. Presented by Madame Harte, April 7, 1878.
o. Presented by G. Milward, Esq., April 15, 1880.
p. Presented by Capt. Tholandir, Aug. 12, 1880.
q. Deposited, Aug. 31, 1880.
r. Deposited, Sept. 23, 1880.
s, *t*. Presented by C. B. Barber, Esq., July 28, 1881.
u, *v*. Presented by Lieut.-Col. F. D. Walters, Aug. 25, 1881.
w, *x*. Males. Purchased, April 25, 1882.
y. Presented by the Hon. L. W. A. Powys, Dec. 9, 1882.

b. *Species regionis indicæ.*

314. *Sciurus castaneiventris*, Gray. Chestnut-bellied Squirrel.

Hab. China.

a. Purchased, April 3, 1867.
b. Purchased, May 5, 1867.
c–e. Presented by G. Rapson, Esq., Aug. 6, 1868.

315. *Sciurus griseopectus*, Blyth. Grey-breasted Squirrel.

Hab. China.

a. Male. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 9, 1872. See P. Z. S. 1872, p. 818.

316. *Sciurus bicolor*, Sparrm. Jelerang Squirrel.

Hab. India.

a, *b*. Deposited, Oct. 29, 1863.
c. Purchased, Aug. 30, 1865.
d. Presented by Mrs. Williams, May 14, 1867.
e. Female. Purchased, Feb. 22, 1869.
f. Purchased, June 15, 1870.

317. *Sciurus maximus*, Schreber. Malabar Squirrel.

Hab. Southern India.

a. Presented by Lieut.-Col. Turnbull, July 10, 1862.
b. Presented by Sir Arthur Cotton, Nov. 17, 1862.
c. Presented by Capt. Gideon, April 28, 1864.
d. Presented by R. H. Peirce, Esq., Oct. 1, 1864.
e. Presented by A. G. Dove, Esq., Oct. 24, 1864.
f, *g*. Presented by G. S. Rodon, Esq., Nov. 17, 1870.
h. Female. Presented by Mrs. Scoussmaker, July 15, 1872.
i. Female. Presented by Mr. Whiteside, April 30, 1873.
j. Female. Presented by Chevalier Blondin, Aug. 10, 1875.
k, *l*. Purchased, Sept. 30, 1882.

318. *Sciurus tennenti*, Layard. Tennent's Squirrel.

Hab. Ceylon.

a. Male; *b*. Female. Presented by Hugh Nevill, Esq., July 9, 1873.
c. Purchased, July 21, 1876.
d. Presented by Mrs. S. A. Cottrell, Sept. 26, 1881.

319. *Sciurus macrurus*, Erxl. Grizzled Hill-Squirrel.
Hab. India.

a. Purchased, Dec. 4, 1873.

320. *Sciurus macruroides*, Hodgson. Black Hill-Squirrel.
Hab. East Indies.

a. Purchased, Nov. 11, 1873.
b. Purchased, Dec. 4, 1873.

321. *Sciurus ephippium*, Müll. Saddled Squirrel.
Hab. Borneo.

a. Presented by Messrs. Hill and Isaacs, Lieuts. R.N., May 15, 1877.

322. *Sciurus plantani*, Ljungh. Plantain-Squirrel.
Hab. Java.

a. Purchased, Sept. 17, 1862.
b, *c*. Presented by H. A. Marckmann de Lichtabbel, Esq., Dec. 24, 1874. From Singapore.
d. Presented by Master E. H. Cole, Nov. 10, 1875.
e, *f*. Received in exchange, March 21, 1878.
g. Purchased, July 9, 1878.
h. Male; *i*. Female. Purchased, May 17, 1879.
j. Presented by Miss Lizzie Casey, Sept. 10, 1879.
k. Presented by D. Tober, Esq., Sept. 5, 1880.
l. Presented by Mrs. Elliott, Oct. 9, 1880.
m. Presented by W. Bassano, Esq., May 19, 1881.

323. *Sciurus nigro-vittatus*, Horsf. Malayan Squirrel.
Hab. Malacca.

a, *b*. Purchased, March 11, 1868.

324. *Sciurus prevosti*, Desm. Prevost's Squirrel.
Hab. Malacca.

a. Purchased, May 29, 1877.

325. *Sciurus blanfordi*, Blyth. Blanford's Squirrel.
Hab. Burmah.

a. Presented by Mrs. Dunn, Feb. 8, 1875. See P. Z. S. 1875, p. 156.

326. *Sciurus palmarum*, Linn. Palm-Squirrel.

Hab. India.

a, *b*. Presented by Miss Emily Lamprell, July 7, 1862.
c. Presented by Mrs. W. Sturrock, Sept. 8, 1862.
d, *e*. Presented by N. A. Wells, Esq., Jan. 19, 1865.
f, *g*. Presented by D. H. Macfarlane, Esq., April 25, 1866.
h, *i*. Presented by Mrs. Tytler, May 23, 1867.
j. Presented by Christopher G. Wraz, Esq., July 29, 1867.
k–*n*. Presented by O. Howell, Esq., Aug. 6, 1868.
o. Presented by J. Hill, Esq., Nov. 20, 1869.
p. Presented by W. Lovegrove, Esq., F.Z.S., May 17, 1873.
q, *r*. Presented by C. Temple, Esq., Nov. 25, 1875.
s. Presented by W. D. Barker, Esq., Jan. 12, 1876.
t–*v*. Females. Presented by H. Grey, Esq., B.Sc., Oct. 16, 1876.
w. Presented by Miss Barclay, March 1, 1878.

327. *Sciurus tristriatus*, Waterh. Three-striped Squirrel.

Hab. Ceylon.

a, *b*. Females. Presented by Capt. Forster, March 16, 1874

328. *Sciurus caniceps*, Gray. Hoary-headed Squirrel.

Hab. India.

a, *b*. Purchased, June 22, 1866.

c. *Species regionis æthiopicæ.*

329. *Sciurus erythropus*, F. Cuv. White-banded Squirrel.

Hab. West Africa.

a, *b*. Presented by James R. Philpot, Esq., Nov. 21, 1872.

d. *Species regionis nearcticæ.*

330. *Sciurus cinereus*, Linn. Grey Squirrel.

Hab. North America.

a. Male; *b*. Female. Presented by H.R.H. the Prince of Wales, K.G., F.Z.S., Nov. 6, 1861.
c, *d*. Purchased, March 30, 1864. Var. *nigra*.
e–*g*. Presented by C. Leveson Lane, Esq., May 22, 1867.
h. Presented by Admiral E. Ommaney, C.B., April 11, 1868. Var. *nigra*.
i. Purchased, April 8, 1870.

j. Female. Presented by M. E. Symonds, Esq., April 26, 1871.
k. Purchased, April 27, 1880. Black variety.
l, *m*. Males; *n*–*q*. Females. Purchased, Jan. 5, 1882. Five Black varieties.
r. Deposited, Aug. 31, 1882. Black variety.

331. *Sciurus vulpinus*, Gm. Vulpine Squirrel.

Hab. North America.

a. Purchased, Nov. 14, 1862. Var. *capistrata*.
b. Purchased, April 8, 1870. Var. *capistrata*.
c. Presented by G. Moore, Esq., April 5, 1873.
d. Female. Purchased, June 14, 1873. Var. *capistrata*. From Florida.
e. Purchased, Sept. 8, 1879. Var. *capistrata*.

332. *Sciurus ludovicianus*, Custis. Yellow-footed Squirrel.

Hab. Texas.

a. Purchased, March 17, 1865.
b. Purchased, Jan. 1, 1866.

333. *Sciurus hudsonius*, Pallas. Hudson's-Bay Squirrel.

Hab. North America.

a, *b*. Purchased, Nov. 9, 1878.

e. *Species regionis neotropicæ.*

334. *Sciurus æstuans*, Linn. Tropical Squirrel.

Hab. South America.

a. Purchased, May 12, 1870.

335. *Sciurus variegatus*, Erxl. Red-bellied Squirrel.

Hab. Vera Cruz.

a. Purchased, June 9, 1871.
b, *c*. Purchased, June 26, 1871.

336. *Sciurus hypopyrrhus*, Wagl. Dorsal Squirrel.

Hab. Central America.

a. Purchased, Aug. 13, 1862. See P. Z. S. 1862, p. 324.
b. Purchased, June 17, 1867.
c. Presented by Capt. G. E. Bird, March 24, 1869.
d. Presented by J. S. Guy, Esq., June 5, 1869.

e, f. Females. Purchased, Sept. 7, 1870. See *Sc. dorsalis*, P. Z. S. 1870, p. 670.
g–l. Purchased, July 22, 1871. See *Sc. dorsalis*, P. Z. S. 1871, p. 525.
m. Male; *n.* Female. Presented by John G. Haggard, Esq., June 15, 1875.
o. Female. Deposited, June 15, 1875.
p, q. Purchased, June 14, 1877.

337. *Sciurus stramineus*, Eyd. et Soul. Fraser's Squirrel.

Hab. Ecuador.

a. Received in exchange, April 6, 1878. See P. Z. S. 1878, p. 441.
b. Purchased, Oct. 6, 1880.

338. *Sciurus variabilis*, Is. Geoffroy. Variable Squirrel.

Hab. South America.

a. Purchased, June 24, 1876. From Cartagena. See P. Z. S. 1876, p. 694 (as *Sciurus gerrardi*).
b. Purchased, Sept. 30, 1878. From Ecuador. See Alston, P. Z. S. 1878, p. 665.
c. Deposited, Oct. 5, 1880.

Genus Xerus.

339. *Xerus erythropus*, Geoffr. Red-footed Ground-Squirrel.

Hab. West Africa.

a, b. Purchased, June 22, 1866.
c. Purchased, June 27, 1867.

340. *Xerus setosus* (Forst.). Bristly Ground-Squirrel.

Hab. South Africa.

a. Presented by E. L. Layard, Esq., F.Z.S., Aug. 10, 1868.
b. Purchased, Feb. 13, 1871. From W. Africa.
c. Purchased, Jan. 1, 1878.

341. *Xerus getulus* (Linn.). Getulian Ground-Squirrel.

Hab. Morocco.

a–g. Presented by Sir John H. Drummond-Hay, K.C.B., C.M.Z.S., July 4, 1867. From Haha, Morocco. See P. Z. S. 1867, p. 817.
h–k. Purchased, June 3, 1869.

l, *m*. Presented by Capt. Thomas Waite, June 16, 1869. From Mogador.
n. Purchased, Sept. 13, 1875.
o, *p*. Presented by Dr. W. Hume Hart, C.M.Z.S., Aug. 2, 1881.

342. *Xerus stangeri* (Waterh.). Stanger's Ground-Squirrel.

Hab. West Africa.

a. Purchased, June 22, 1866.
b. Purchased, Dec. 13, 1866.

Genus Tamias.

343. *Tamias striatus* (Linn.). Chipping Squirrel.

Hab. North America.

a, *b*. Purchased, Aug. 29, 1872.
c–*e*. Presented by F. W. Stockwell, Esq., Nov. 10, 1876.
f. Presented by W. Bassano, Esq., May 19, 1881.

Genus Pteromys.

344. *Pteromys magnificus*, Hodgs. Red-bellied Flying Squirrel.

Hab. Himalayas.

a. Purchased, April 11, 1872. See P. Z. S. 1872, p. 635, pl. L.

345. *Pteromys leucogenys*, Temm. White-cheeked Flying Squirrel.

Hab. Japan.

a. Female. Presented by Abel A. J. Gower, Esq., April 15, 1874. See P. Z. S. 1874, p. 247.

Genus Sciuropterus.

346. *Sciuropterus volucella* (Pall.). American Flying Squirrel.

Hab. North America.

a. Male; *b*. Female. Born in the Menagerie, Aug. 18, 1860.
Male; *d*. Female. Received in exchange, July 25, 1878.

347. *Sciuropterus fimbriatus*, Gray. Grey Flying Squirrel.

Hab. Northern India.

a. Presented by Capt. the Hon. G. Napier, Dec. 11, 1872.
b. Presented by Mrs. Louisa Edwards, Aug. 8, 1879.

348. *Sciuropterus layardi*, Kelaart. Layard's Flying Squirrel.

Hab. Ceylon.

a. Presented by Sir Charles Peter Layard, Oct. 8, 1877. See P. Z. S. 1877, p. 754.

Genus Spermophilus.

349. *Spermophilus citillus* (Linn.). European Souslik.

Hab. Europe.

a–e. Purchased, Aug. 24, 1865.
f–i. Received in exchange, April 9, 1868.
j, k. Purchased, Feb. 21, 1870.

350. *Spermophilus mongolicus*, A. Milne-Edwards. Mongolian Souslik.

Hab. China.

a, b. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 13, 1873. See P. Z. S. 1873, p. 762.

351. *Spermophilus mexicanus*, Erxl. Mexican Souslik.

Hab. Mexico.

a, b. Presented by Mrs. Simmonds, Dec. 5, 1882.

Genus Arctomys.

352. *Arctomys marmotta* (Linn.). Alpine Marmot.

Hab. Europe.

a. Presented by S. Stauffere, Esq., Feb. 10, 1859.
b, c. Purchased, Nov. 10, 1866.
d. Presented by Professor Herschel, Jan. 6, 1871.
e. Received in exchange, Oct. 30, 1873.
f, g. Received in exchange, April 10, 1877.

353. *Arctomys monax* (Linn.). Quebec Marmot.

Hab. North America.

a. Presented by Lieut.-Col. Rhodes, June 11, 1862.
b, *c*. Presented by the Hon. A. Gordon, April 30, 1864. From New Brunswick.
d. Presented by E. Yeoman, Esq., June 28, 1865.
e. Received in exchange, June 4, 1867.
f. Presented by Mrs. Bell, Aug. 14, 1868.
g. Presented by Norman Kerr, Esq., M.D., Nov. 1, 1869.
h. Male; *i*. Female. Purchased, Aug. 2, 1870.
j. Presented by J. E. Taylor, Esq., Feb. 19, 1872.
k, *l*. Born in the Menagerie, March 31, 1872.
m. Presented by C. Hersey, Esq., Oct. 17, 1874.
n. Purchased, Nov. 8, 1879.

354. *Arctomys caudatus*, Jacq. Long-tailed-Marmot.

Hab. Bhootan.

a, *b*. Purchased, May 4, 1871. See *Arctomys bobac*, P. Z. S. 1871, p. 543.
c. Presented by the Hon. Sir Ashley Eden, K.C.S.I., Apr. 10, 1879.
d. Presented by Capt. Greenstreet, R.E., May 2, 1879.

Genus Cynomys.

355. *Cynomys ludovicianus* (Ord). Prairie-Marmot.

Hab. North America.

a. Female. Presented by the Proprietors of 'The Field' Newspaper, Dec. 29, 1859.
b. Male. Presented by Capt. James Downie, July 23, 1863.
c. Born in the Menagerie, Feb. 26, 1864.
d, *e*. Purchased, March 6, 1867.
f. Presented by C. Messiter, Esq., July 29, 1869.
g. Male. Deposited, Dec. 29, 1872.
h. Female. Presented by Miss Kingsley, Jan. 21, 1873.
i. Presented by H. Thelluson, Esq., Aug. 31, 1874.
j, *k*. Presented by Mons. J. M. Cornély, C.M.Z.S., June 19, 1878.
l, *m*. Presented by W. G. Marshall, Esq., Sept. 18, 1878.
n, *o*. Presented by Miss Agneta B. Dykes, Jan. 23, 1879.
p, *q*. Received in exchange, Feb. 18, 1879.
r, *s*. Presented by W. G. Marshall, Esq., April 23, 1879.

Family CASTORIDÆ.

Genus Castor.

356. *Castor canadensis,* Kuhl. Canadian Beaver.

Hab. North America.

a. Male. Presented by the Hudson's Bay Company, Oct. 26, 1861.
b. Female. Presented by the Hudson's Bay Company, Oct. 7, 1862.
c. Born in the Menagerie, July 14, 1864.
d. Male. Received, Sept. 10, 1866.
e. Male. Received, June 6, 1867.
f. Presented by Sir Charles M. Lampson, Bart., Oct. 29, 1867.
g. Deposited, Oct. 13, 1868.
h, i. Deposited, Nov. 3, 1869.
i. Born in the Menagerie, June 19, 1871.
k. Born in the Menagerie, July 26, 1871.
l. Born in the Menagerie, June 20, 1872.
m. Born in the Menagerie, June 27, 1873.
n. Born in the Menagerie, July 2, 1873.
o. Born in the Menagerie, June 16, 1874.
p–w. Deposited, Dec. 19, 1874.
x–c[1]. Deposited, Nov. 26, 1875.
d[1]. Born in the Menagerie, June 8, 1876.
e[1], *f*[1]. Purchased, Oct. 23, 1882.

Family MYOXIDÆ.

Genus Myoxus.

357. *Myoxus glis* (Linn.). Fat Dormouse.

Hab. Europe.

a. Purchased, Feb. 18, 1863. From Poland.
b. Purchased, April 17, 1864. From Austria.
c–e. Purchased, May 13, 1865.
f–h. Purchased, Sept. 24, 1866.
i. Presented by Miss Fairholme, Nov. 20, 1871.
j–n. Presented by Edwin Liot, Esq., Oct. 5, 1879. From Serrach, near Esslingen, Würtemberg.

358. *Myoxus dryas,* Schreb. Oak Dormouse.

Hab. Central Europe.

a. Presented by Prof. Wrzesniowsky, May 15, 1882.

359. *Myoxus quercinus* (Linn.). Garden Dormouse.
Hab. Europe.

a, *b*. Purchased, Sept. 24, 1866.
c, *d*. Presented by John Lee, Esq., Aug. 31, 1867.
e. Purchased, Feb. 21, 1870.

Genus MUSCARDINUS.

360. *Muscardinus avellanarius* (Linn.). Common Dormouse.
Hab. British Islands.

a. Presented by N. L. Austin, Esq., F.Z.S., Dec. 27, 1865.
b–*f*. Presented by J. Dorey, Esq., Sept. 23, 1867.
g. Presented by Sir H. Williams, Bart., Feb. 13, 1868.
h, *i*. Presented by H. P. Blackmore, Esq., Oct. 14, 1874.
j–*o*. Purchased, Nov. 20, 1880.

Genus GRAPHIURUS.

361. *Graphiurus capensis*, F. Cuv. South-African Dormouse.
Hab. South Africa.

a, *b*. Purchased, March 21, 1868.

Family MURIDÆ.

Subfamily HYDROMYINÆ.

Genus HYDROMYS.

362. *Hydromys chrysogaster*, Geoffr. Golden-bellied Beaver-Rat.
Hab. Australia.

a. Male. Presented by the Directors of the Botanic Gardens, Adelaide, Feb. 16, 1869.

Subfamily GERBILLINÆ.

Genus GERBILLUS.

363. *Gerbillus pygargus*, F. Cuv. White-rumped Gerbille.
Hab. Nubia and Arabia.

a. Presented by Count Rembielinski, Oct. 2, 1880.
b. Presented by N. H. Beyts, Esq., Oct. 13, 1881. From Jeddah.

364. *Gerbillus robustus*, Rüpp. Robust Gerbille.

Hab. Algeria.

a, *b*. Presented by M. Alphonse Milne-Edwards, F.M.Z.S., June 20, 1881.

365. *Gerbillus erythyrurus*, Gray. Brown-tailed Gerbille.

Hab. Western Asia.

a–*c*. Presented by Lieut. Paget, R.N., Oct. 25, 1882. From Arabia.

366. *Gerbillus indicus* (Hardwicke). Indian Gerbille.

Hab. India.

a–*h*. Purchased, March 31, 1879.

Subfamily Cricetinæ.

Genus Cricetus.

367. *Cricetus frumentarius*, Pall. Common Hamster.

Hab. Europe.

a, *b*. Purchased, Nov. 1, 1864.
c. Male; *d*. Female. Purchased, Feb. 2, 1865.
e–*h*. Presented by Dr. G. Hartlaub, F.M.Z.S., Oct. 26, 1865.
i. Purchased, Feb. 21, 1870.

Genus Cricetomys.

368. *Cricetomys gambianus*, Waterh. Gambian Pouched Rat.

Hab. West Africa.

a. Purchased, Aug. 5, 1867.
b, *c*. Purchased, Nov. 2, 1880.

Subfamily Murinæ.

Genus Mus.

369. *Mus rattus*, Linn. Black Rat.

Hab. British Islands.

a. Purchased, July 29, 1863.
b. Presented by Charles Hampden Wigram, Esq., Nov. 25, 1864.
c. Presented by W. M. Allfrey, Esq., July 30, 1866.

d. Presented by Thomas Smith, Esq., Aug. 3, 1866.
e. Presented by Miss Smee, May 1, 1867.
f. Presented by W. T. Hearn, Esq., May 7, 1867.
g. Presented by F. Bond, Esq., F.Z.S., July 5, 1867.
h, *i*. Presented by R. M'Lachlan, Esq., July 8, 1867.
j. Presented by M. Allfrey, Esq., July 16, 1867.
k. Presented by M. Allfrey, Esq., Aug. 17, 1867.
l. Presented by C. P. Serocold, Esq., Sept. 14, 1867.
m. Pied variety. Presented by Miss M. Wheeler, Oct. 22, 1868.
n, *o*. Presented by J. M. Needham, Esq., Nov. 28, 1868.
p. White variety. Presented by W. A. Forbes, Esq., Feb. 16, 1869.
q. Male; *r*. Female. Pied variety. Presented by J. Mason, Esq., April 12, 1869.
s. Presented by J. T. Pearsall, Esq., April 2, 1872.
t, *u*. Presented by W. H. Hatcher, Esq., June 8, 1878.
v. Presented by R. M. Middleton, Esq., Aug. 9, 1878.
w–*y*. Born in the Menagerie, June 23, 1879.
z. Presented by R. M. Middleton, Esq., Sept. 26, 1879.
a^1. Presented by W. Cubitt, Esq., June 2, 1880.
b^1. Presented by E. Worssam, Esq., Dec. 17, 1880.
c^1–e^1. Born in the Menagerie, July 25, 1882.
f^1. Presented by W. E. Bryant, Esq., Aug. 16, 1882.

370. *Mus decumanus*, Pall. Brown Rat.

Hab. Europe.

a, *b*. Albinoes. Presented by Mr. Vaudrey, April 11, 1867.
c. Albino. Presented by Lady Cust, July 19, 1867.

371. *Mus musculus*, Linn. House-Mouse.

Hab. British Islands.

a–*d*. Presented by Lieut.-Col. R. Mather, F.Z.S., June 2, 1868. (Pied variety.)

372. *Mus minutus*, Pallas. Harvest-Mouse.

Hab. British Islands.

a. Purchased, May 16, 1868.
b–*g*. Presented by Miss Maskelyne, Oct. 26, 1871.
h–*k*. Presented by H. Laven, Esq., June 16, 1881.

373. *Mus cervicolor*, Hodgson. Fawn-coloured Field-Mouse.

Hab. East Indies.

a–*d*. Presented by Lieut. C. S. Sturt, C.M.Z.S., May 31, 1876. See P. Z. S. 1876, p. 463.

374. *Mus barbarus*, Linn. Barbary Mouse.

Hab. Barbary.

a–c. Presented by Mons. Pichot, Aug. 1, 1860.
d–g. Presented by Mons. Pichot, Sept. 27, 1882.

Genus Hapalotis.

375. *Hapalotis mitchelli* (Ogilby). Mitchell's Hapalote.

Hab. Australia.

a. Male; *b.* Female. Purchased, Sept. 24, 1862.
c, d. Born in the Menagerie, Feb. 11, 1863.

Subfamily Arvicolinæ.

Genus Arvicola.

376. *Arvicola amphibius* (Linn.). Water-Vole.

Hab. British Islands.

a–c. Presented by T. C. White, Esq., Dec. 20, 1869.
d. Purchased, March 7, 1881.
e. Presented by Mr. W. K. Stanley, March 9, 1882.

Genus Myodes.

377. *Myodes lemmus* (Linn.). Norwegian Lemming.

Hab. Norway.

a–e. Presented by Mrs. Wingfield, of Onslow, Sept. 15, 1868.
f, g. Presented by W. Duppa Crotch, Esq., Oct. 25, 1876.
h. Presented by James Shuter, Esq., Sept. 25, 1879.

Genus Fiber.

378. *Fiber zibethicus* (Linn.). Musquash.

Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., Oct. 1, 1866. From Halifax, U.S.A.
b. Presented by Capt. D. Herd, H.B.C.S., C.M.Z.S., Nov. 14, 1866.
c, d. Presented by F. W. Grant, Esq., Dec. 9, 1867.
e, f. Received in exchange, June 29, 1874.

Family SPALACIDÆ.

Genus Rhizomys.

379. *Rhizomys badius,* Hodgson. Bay Bamboo-Rat.
Hab. India.

a. Presented by James Wood-Mason, Esq., Feb. 16, 1876. See P. Z. S. 1876, p. 274.
b. Presented by J. Wood-Mason, Esq., April 16, 1877.
c, d. Received in exchange, June 14, 1880.

Family DIPODIDÆ.

Genus Dipus.

380. *Dipus ægyptius* (Hasselq.). Egyptian Jerboa.
Hab. Egypt.

a. Male. Presented by the Hon. Mrs. Stuart, Sept. 9, 1861.
b. Presented by B. Cochrane Willis, Esq., Feb. 5, 1862.
c. Presented by Capt. R. Donaldson, Feb. 22, 1868.
d, e. Purchased, Jan. 19, 1869.
f. Presented by Capt. Pain, Feb. 15, 1869.
g. Male; *h.* Female. Received in exchange, June 25, 1870.
i–k. Presented by Capt. Wells, July 26, 1870.
l, m. Presented by the Rev. J. Climenson, F.Z.S., Aug. 10, 1870.
n–p. Born in the Menagerie, April 27, 1871.
q. Female. Presented by E. T. Rogers, Esq., C.M.Z.S., June 5, 1872.
r. Presented by A. Corry, Esq., R.N., March 5, 1875.
s–u. Purchased, Nov. 12, 1878.
v–x. Purchased, Dec. 26, 1878.
y–c[1]. Presented by the Earl of Winterton, July 7, 1880.
d[1]. Presented by Dr. Hastings, Sept. 21, 1880.

381. *Dipus hirtipes,* Licht. Hairy-footed Jerboa.
Hab. Arabia.

a–f. Presented by N. H. Beyts, Esq., Oct. 13, 1881. From Jeddah.
g. Presented by L. Adams, Esq., Aug. 29, 1882.
h–p. Presented by Lieut. Paget, R.N., Oct. 25, 1882.

Genus Alactaya.

382. *Alactaya indica*, Gray. Indian Jerboa.

Hab. Afghanistan.

a. Presented by Major Money, Oct. 30, 1880. From the Logar valley, between Kabul and Guzni. See P. Z. S. 1880, p. 538.

Family OCTODONTIDÆ.

Genus Octodon.

383. *Octodon cumingi*, Benn. Cuming's Octodon.

Hab. Chili.

a–d. Purchased, Oct. 19, 1868.
e. Born in the Menagerie, Dec. 9, 1868.
f–j. Born in the Menagerie, April 20, 1869.
k–n. Born in the Menagerie, Sept. 7, 1869.
o–t. Born in the Menagerie, April 6, 1870.
u–z. Born in the Menagerie, May 2, 1870.
a^1–e^1. Born in the Menagerie, Aug. 11, 1870.
d^1, e^1. Born in the Menagerie, Feb. 21, 1872.
f^1, g^1. Born in the Menagerie, March 24, 1872.
h^1–m^1. Born in the Menagerie, Oct. 1, 1872.
n^1. Deposited, May 26, 1873.
o^1–r^1. Born in the Menagerie, June 3, 1873.
s^1–v^1. Born in the Menagerie, July 17, 1874.
w^1, x^1. Born in the Menagerie, Nov. 11, 1875.
y^1, z^1. Born in the Menagerie, April 1, 1876.
a^2, b^2. Born in the Menagerie, Jan. 13, 1879.
c^2, d^2. Deposited, Jan. 21, 1879.
e^2–h^2. Born in the Menagerie, May 2, 1881.
i^2, j^2. Born in the Menagerie, May 30, 1881.

Genus Myopotamus.

384. *Myopotamus coypus* (Mol.). Coypu.

Hab. South America.

a. Presented by Capt. Hutchkiss, Oct. 22, 1863.
b. Presented by Capt. Leeke, Oct. 1, 1867.
c. Presented by G. Wilks, Esq., C.M.Z.S., March 5, 1868. From La Plata.
d. Purchased, July 6, 1870. From Chili.

c. Presented by the Rev. Dr. Stirling, July 9, 1873. From South Patagonia.
f. Male. Purchased, Dec. 23, 1873.
g. Presented by C. B. Young, Esq., May 9, 1874.
h. Female. Presented by Robt. E. Paton, Esq., May 18, 1875.
i. Male. Purchased, Aug. 13, 1875.
j. Purchased, Jan. 19, 1876.
k, *l*. Purchased, Jan. 24, 1879. From Buenos Ayres.
m, *n*. Deposited, July 2, 1880.
o. Male; *p*. Female. Presented by Mr. A. A. Van Bemmelen, July 20, 1882.

Genus Echinomys.

385. *Echinomys spinosus*, Desm. Spiny Rat.

Hab. Brazil.

a, *b*. Received in exchange from the Jardin des Plantes, Paris, June 26, 1865.

Genus Capromys.

386. *Capromys pilorides*, Say. Fournier's Capromys.

Hab. Cuba.

a. Purchased, May 19, 1862.
b. Purchased, July 20, 1865.
c–n. Presented by Francis Fesser, Esq., April 29, 1867.
o. Born in the Menagerie, March 12, 1868.
p. Born in the Menagerie, May 6, 1868.
q–s. Born in the Menagerie, May 12, 1868.
t–v. Born in the Menagerie, Aug. 7, 1868.
w–y. Presented by T. R. Watkin, Esq., July 15, 1873.

387. *Capromys prehensilis*, Poepp. Prehensile Capromys.

Hab. Cuba.

a. Purchased, June 18, 1862.

388. *Capromys brachyurus*, Hill. Short-tailed Capromys.

Hab. Jamaica.

a, *b*. Purchased, Oct. 23, 1865.
c, *d*. Purchased, May 29, 1871.
e. Presented by the Hon. H. J. Burford Hancock, June 28, 1878.

Genus Aulacodus.

389. *Aulacodus swindernianus*, Temm. Ground-Rat.

Hab. West Africa.

a. Purchased, June 13, 1866. On Anatomy, see Garrod, P. Z. S. 1873, p. 786.
b, *c*. Received in exchange, Nov. 26, 1875.

Family HYSTRICIDÆ.

Genus Hystrix.

390. *Hystrix cristata* (Linn.). Crested Porcupine.

Hab. Asia and Africa.

a–*z*. See former editions.
a^1. Presented by G. W. Venderkist, Esq., April 13, 1875. From West Africa.
b^1, c^1. Deposited, Oct. 13, 1875.
d^1. Presented by Capt. Smerdon, April 23, 1877.
e^1, f^1. Presented by Dr. G. S. Badger, July 11, 1878.
g^1, h^1. Presented by Moses S. Boyle, Esq., July 9, 1879.
i^1. Presented by W. Middleton, Esq., Oct. 14, 1880.
j^1. Presented by G. H. Garrett, Esq., Sept. 5, 1882.

391. *Hystrix longicauda*, Marsden. Sumatran Porcupine.

Hab. Malacca.

a. Presented by A. Grote, Esq., F.Z.S., April 18, 1866. Specimen described as *Acanthochœrus grotei* by Dr. Gray, P. Z. S. 1866, p. 306, pl. xxxi.
b. Presented by A. Grote, Esq., F.Z.S., July 20, 1868. See P. Z. S. 1871, p. 234.

392. *Hystrix javanica*, F. Cuv. Javan Porcupine.

Hab. Java.

a. Received in exchange, May 2, 1860.
b, *c*. Received in exchange, May 30, 1860.
d. Purchased, March 15, 1871.
e, *f*. Presented by Capt. Smerdon, Oct. 4, 1880.

Genus Atherura.

393. *Atherura africana*, Gray. African Brush-tailed Porcupine.

Hab. West Africa.

a, *b*. Purchased, July 23, 1860.
c. Purchased, May 8, 1869.
d. Presented by C. B. Mosse, Esq., Oct. 16, 1869. From the Gold Coast.
e. Purchased, Sept. 8, 1879.
f. Purchased, May 30, 1880.
g. Presented by J. Cheetham, Esq., Feb. 25, 1882.

394. *Atherura fasciculata* (Shaw). Indian Brush-tailed Porcupine.

Hab. Siam.

a. Purchased, Sept. 18, 1867.
b. Presented by Dr. Jerdon, F.Z.S., March 14, 1870. See P. Z. S. 1871, p. 236.

Genus Erithizon.

395. *Erithizon dorsatus* (Linn.). Canadian Porcupine.

Hab. Canada.

a, *b*. Presented by W. A. Conklin, Esq., C.M.Z.S., June 26, 1882.

Genus Sphingurus.

396. *Sphingurus prehensilis* (Linn.). Brazilian Tree-Porcupine.

Hab. South America.

a. Presented by R. W. Keates, Esq., F.Z.S., Aug. 9, 1862.
b. Purchased, May 18, 1866.
c. Received, Aug. 22, 1866.
d. Presented by O. Wakefield, Esq., June 16, 1868.
e. Purchased, Oct. 16, 1873.
f. Deposited, May 1, 1876.
g. Presented by E. G. Currey, Esq., Jan. 30, 1877.
h. Purchased, April 29, 1878.
i. Presented by Dr. J. F. Chittenden, C.M.Z.S., Nov. 25, 1878.
j. Purchased, April 15, 1882.

397. *Sphingurus insidiosus* (Licht.). Guianan Tree-Porcupine.
Hab. Surinam.

a. Received, July 13, 1866.

398. *Sphingurus mexicanus* (Shaw). Mexican Tree-Porcupine.
Hab. Honduras.

a. Presented by Capt. J. C. Hobbs, Aug. 12, 1870.

399. *Sphingurus villosus* (F. Cuv.). Hairy Porcupine.
Hab. Brazil.

a. Purchased, May 5, 1875. See P. Z. S. 1875, p. 469.
b, *c*. Purchased, March 23, 1877.
d. Born in the Menagerie, July 9, 1878.

Family CHINCHILLIDÆ.

Genus Chinchilla.

400. *Chinchilla lanigera*, Benn. Chinchilla.
Hab. Chili.

a. Male. Born in the Menagerie, May 10, 1859.
b. Female. Purchased, May 3, 1865.
c. Born in the Menagerie, May 31, 1866.
d. Male; *e*, *f*. Females. Purchased, July 6, 1870.
g–*k*. Purchased, July 31, 1875.
l–*n*. Born in the Menagerie, May 21, 1876.
o–*q*. Purchased, May 26, 1876.
r. Born in the Menagerie, April 11, 1877.
s, *t*. Born in the Menagerie, April 19, 1877.
u. Born in the Menagerie, Dec. 12, 1877.
v. Born in the Menagerie, May 17, 1878.
w. Born in the Menagerie, Oct. 2, 1878.
x. Presented by Sir Charles Smith, March 18, 1879.
y, *z*. Born in the Menagerie, May 21, 1879.
a^1–*c*^{1}. Purchased, Jan. 15, 1880.
d^1–*f*^{1}. Purchased, June 5, 1880.

Genus Lagotis.

401. *Lagotis cuvieri*, Bennett. Cuvier's Lagotis.
Hab. Patagonia.

a. Purchased, July 8, 1882.

Genus Lagostomus.

402. *Lagostomus trichodactylus*, Brookes. Viscacha.

Hab. Buenos Ayres.

a. Male. Presented by Messrs. Werner & Co., Jan. 6, 1864.
b–e. Presented by Capt. Parish, R.N., May 2, 1865.
f. Presented by W. Bramley Moore, Esq., April 19, 1866.
g. Born in the Menagerie, April 30, 1867.
h. Born in the Menagerie, Nov. 22, 1867.
i–l. Presented by F. Leybold, Esq., June 26, 1868.
m. Born in the Menagerie, July 2, 1868.
n. Born in the Menagerie, April 19, 1869.
o–r. Presented by C. F. Woodgate, Esq., Nov. 6, 1876.

Family DASYPROCTIDÆ.

Genus Cœlogenys.

403. *Cœlogenys paca* (Linn.). Spotted Cavy.

Hab. South America.

a–z. See former editions.
a^1. Purchased, Jan. 18, 1876.
b^1. Presented by J. Trotter, Esq., Aug. 7, 1877.
c^1. Purchased, June 10, 1878.
d^1. Purchased, Sept. 18, 1880.
e^1, *f*^{1}. Presented by Dr. Portella, Sept. 1, 1881.
g^1. Presented by V. Gibbs, Esq., May 23, 1882.

Genus Dasyprocta*.

404. *Dasyprocta isthmica*, Alston. Central-American Agouti.

Hab. Central America.

a. Presented by Capt. M. D. Stewart, Oct. 12, 1861.
b, *c*. Presented by William Burnley Hume, Esq., Nov. 9, 1865.
d, Purchased, March 2, 1870.
e, *f*. Purchased, Nov. 11, 1871. From Panama.
g. Born in the Menagerie, Nov. 29, 1872.
h. Male. Purchased, Dec. 1, 1872. From Colon.
i. Purchased, April 29, 1873. From Colon.

---

* *Cf.* Alston, P. Z. S. 1876, p. 347, on this genus.

j, *k*. Born in the Menagerie, Jan. 16, 1874.
l. Purchased, Aug. 13, 1874.
m, *n*. Purchased, July 26, 1874.
o, *p*. Presented by W. G. Davis, Oct. 30, 1875.
q. Presented by W. J. Henderson, Esq., Nov. 9, 1875.
r. Presented by Capt. E. Hairby, Nov. 12, 1875.
s, *t*. Purchased, Nov. 16, 1875.
u. Purchased, Jan. 18, 1876.
v. Purchased, June 24, 1876.
w, *x*. Purchased, July 19, 1876.
y. Born in the Menagerie, Aug. 8, 1877.
z. Presented by A. Stradling, Esq., Oct. 30, 1877.
a^1. Purchased, July 29, 1879.
b^1, c^1. Presented by Dr. A. Stradling, C.M.Z.S., Oct. 4, 1880.
d^1. Presented by Mr. H. B. Whitmarsh, Nov. 30, 1880.
e^1. Presented by Mr. A. Melhuish, July 5, 1881.

405. *Dasyprocta cristata*, Desm. West-Indian Agouti.

Hab. West Indies.

a, *b*. Presented by Neville Holland, Esq., Nov. 24, 1874. Types of *D. antillensis*, Scl. See P. Z. S. 1874, p. 666, pl. LXXXII. From St. Lucia, W.I.
c. Deposited, Jan. 31, 1875.
d. Purchased, April 8, 1875. From St. Vincent, W.I.
e. Presented by Christopher James, Esq., May 22, 1875.
f. Presented by C. H. Hawtayne, Esq., Aug. 18, 1875. From St. Vincent, W.I.
g. Presented by W. H. H. Braithwaite, Esq., Aug. 19, 1880.
h, *i*. Presented by H. J. Burford Hancock, F.Z.S., Aug. 13, 1881.
j. Presented by J. E. Sharp, Esq., Aug. 29, 1881.

406. *Dasyprocta variegata*, Tsch. Variegated Agouti.

Hab. Peru.

a. Presented by Mrs. Wood, June 13, 1874. From Colon.

407. *Dasyprocta mexicana*, De Saussure. Mexican Agouti.

Hab. Mexico.

a. Presented by H. A. Marckmann de Lichtabbel, Esq., Feb. 19, 1874.

408. *Dasyprocta azaræ*, Licht. Azara's Agouti.

Hab. Southern Brazil.

a. Purchased, Aug. 28, 1868.

409. *Dasyprocta punctata*, Gray. Punctated Agouti.
Hab. Central America.

a. Presented by J. C. Hussey, Esq., Aug. 16, 1875. From Costa Rica.

410. *Dasyprocta aguti* (Linn.). Golden Agouti.
Hab. Guiana.

a. Female. Presented by J. S. Caldwell, Esq., May 30, 1857.
b. Male. Born in the Menagerie, May 24, 1860.
c. Born in the Menagerie, June 28, 1863.
d. Born in the Menagerie, May 19, 1865.
e. Born in the Menagerie, Oct. 3, 1865.
f. Born in the Menagerie, March 7, 1866.
g. Presented by T. C. K. Cleeve, Esq., Oct. 15, 1866.
h. Born in the Menagerie, Dec. 6, 1866.
i, *j*. Deposited, July 25, 1867.
k, *l*. Presented by W. C. Kelaart, Esq., Oct. 6, 1868.
m. Male; *n*. Female. Presented by J. M. Ridley, Esq., March 8, 1869.
o. Purchased, Oct. 14, 1870.
p. Presented by the Hon. and Rev. E. V. Bligh, Oct. 6, 1871.
q. Born in the Menagerie, Aug. 1, 1872.
r. Received in exchange, Sept. 2, 1874.
s–*v*. Born in the Menagerie, June 12, 1875.
w. Presented by H. T. Balfour, Esq., Oct. 2, 1875.
x, *y*. Born in the Menagerie, Oct. 30, 1875.
z. Purchased, June 8, 1876.
a^1. Presented by G. W. Hawtayne, Esq., C.M.Z.S., Aug. 31, 1878.
b^1, *c*^{1}. Purchased, June 1, 1881.

411. *Dasyprocta prymnolopha*, Wagl. Hairy-rumped Agouti.
Hab. Guiana.

a–*g*. Purchased, Jan. 1, 1875.
h. Born in the Menagerie, Nov. 13, 1876.
i. Presented by Mrs. Booth, Nov. 30, 1876.
j. Born in the Gardens, Feb. 14, 1877.
k, *l*. Born in the Gardens, Feb. 1, 1878.
m. Purchased, Nov. 18, 1882.

412. *Dasyprocta acouchy* (Erxl.). Acouchy.
Hab. British Guiana.

a, *b*. Presented by Alfred Ikin, Esq., Nov. 2, 1861.
c, *d*. Presented by Sir W. W. Holmes, July 10, 1866.
e, *f*. Purchased, March 7, 1879.

Family CAVIIDÆ.

Genus Dolichotis.

413. *Dolichotis patachonica* (Shaw). Patagonian Cavy.

Hab. Patagonia.

a, *b*. Presented by John Duguide, Esq., July 28, 1864.
c. Presented by Joseph Olguin, Esq., Sept. 28, 1866.
d, *e*. Presented by F. Leybold, Esq., C.M.Z.S., June 26, 1868.
f–*h*. Purchased, July 6, 1870.
i. Presented by W. G. Parry, Esq., June 18, 1874.

Genus Cavia.

414. *Cavia porcellus* (Linn.). Restless Cavy or Guinea-pig.

a–*c*. Bred in the Menagerie.
d–*f*. Purchased, Feb. 29, 1868. Peruvian variety.
g. Deposited, May 1, 1877.
h–*j*. Presented by J. Gould, Esq., Aug. 12, 1878.
k–s^3 (61). Presented by His Royal Highness the Prince of Wales, K.G., July 11, 1882.
t^2–g^4 (40). Presented by H.R.H. the Prince of Wales, K.G., Aug. 2, 1882.

415. *Cavia flavidens*, Brandt. Yellow-toothed Cavy.

Hab. Brazil.

a. Purchased, March 31 1880.

416. *Cavia spixi*, Wagl. Spix's Cavy.

Hab. Brazil.

a. Presented by H. M. Ridley, Esq., March 8, 1869.

Genus Cerodon.

417. *Cerodon rupestris* (Max.). Rock-Cavy.

Hab. Brazil.

a. Purchased, May 5, 1875. See P. Z. S. 1875, p. 469.
b. Purchased, May 1, 1877.

Genus Hydrochœrus.

418. *Hydrochœrus capybara*, Erxl. Capybara.

Hab. South America.

a. Female. Purchased, June 13, 1859.
b. Male. Purchased, Feb. 3, 1863.
c. Presented by Dr. Huggins, C.M.Z.S., Sept. 13, 1865. From Trinidad.
d. Purchased, June 19, 1867.
e, *f*. Presented by G. Wilks, Esq., C.M.Z.S., Feb. 2, 1869. From Buenos Ayres.
g. Purchased, April 27, 1871.
h. Deposited, Jan. 19, 1874.
i. Purchased, Feb. 14, 1874.
j. Presented by Dr. H. Young, May 9, 1874.
k. Born in the Menagerie, Nov. 30, 1874.
l. Purchased, Nov. 16, 1875.
m. Purchased, June 15, 1877.
n–*p*. Purchased, Sept. 10, 1877.
q. Presented by W. Smith, Esq., Sept. 17, 1877.
r. Presented by H. B. Whitmarsh, Esq., May 31, 1879.
s, *t*. Males; *u*. Female. Received in exchange, Nov. 9, 1882.
v. Female. Purchased, Nov. 9, 1882.
w. Male. Presented by Mrs. R. H. Fitz-Simons, Nov. 28, 1882.

Family LEPORIDÆ.

Genus Lepus.

419. *Lepus mediterraneus*, Wagner. Sardinian Hare.

Hab. Africa.

a. Deposited, April 21, 1863.

420. *Lepus europæus*, Pallas. Common Hare.

Hab. British Islands.

a, *b*. Purchased, April 27, 1865.
c. Presented by George Selwyn Morris, Esq., March 5, 1866.
d, *e*. Presented by Dr. R. R. Sewell, May 7, 1867.
f. Purchased, Feb. 26, 1868.
g. Young. Purchased, April 1, 1868.

h. Purchased, April 7, 1868.
i. Purchased, June 12, 1868.
j, k. Purchased, Aug. 1, 1868.
l. Purchased, June 7, 1869.
m. Purchased, June 23, 1869.
n. Purchased, July 14, 1869.
o–q. Purchased, Aug. 5, 1869.
r, s. Purchased, April 15, 1870.
t. Presented by Mr. A. Withers, Feb. 17, 1879.
u. Presented by Mrs. Buckland, Mar. 1, 1879.
v. Presented by Mrs. G. Ringrove, Dec. 2, 1880.
w. Presented by Mr. Wormald, May 12, 1881.
x. Presented by Mr. W. K. Stanley, Oct. 12, 1881.

421. *Lepus variabilis*, Pall. Varying Hare.

Hab. Northern Europe.

a. Purchased, May 16, 1866. From Ireland.
b. Purchased, Oct. 31, 1867. From Ireland.
c. Presented by Miss Sybil Drummond, Dec. 1, 1868. From Scotland.
d. Presented by M. A. Carr, Esq., Oct. 9, 1875.

422. *Lepus brasiliensis*, Linn. Brazilian Hare.

Hab. Brazil.

a. Purchased, March 29, 1879.
b. Presented by W. A. Forbes, Esq., F.Z.S., Oct. 16, 1880. From Pernambuco.

423. *Lepus cuniculus*, Linn. Common Rabbit.

Hab. British Islands.

a. Male; *b–d*. Females. Himalayan or Black-nosed variety. Purchased, 1859.
e, f. Males. Moscow variety. Deposited, Sept. 30, 1860.
g–i. Males; *j–l*. Females. Silver-grey variety. Deposited, 1861.
m. Female. Variety from Porto Santo. Deposited, 1861.
n–r. Deposited, May 3, 1876.

424. *Lepus nigricollis*, Cuv. Black-necked Hare.

Hab. India.

a. Presented by the Hon. L. S. Jackson, Aug. 13, 1880.

Order VII. HYRACES.

Family HYRACIDÆ.

Genus Hyrax.

425. *Hyrax capensis*, Schreb. Cape Hyrax.

Hab. South Africa.

a. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Jan. 8, 1861. See P. Z. S. 1861, p. 608.
b. Presented by Lieut.-Gen. Winyard, Sept. 17, 1863.
c–f. Purchased, Oct. 8, 1863.
g, *h*. Born in the Menagerie, Nov. 25, 1863.
i. Purchased, Sept. 28, 1866.
j. Presented by Masters Fisher and Leary, March 23, 1868.
k, *l*. Purchased, May 11, 1870.
m. Presented by E. Rigby, Esq., Oct. 6, 1871.
n. Presented by J. M. Thornton, Esq., Oct. 23, 1876.
o. Purchased, March 13, 1877.
p. Presented by Mr. A. H. Jamrach, Feb. 12, 1879.
q. Purchased, April 7, 1880.
r. Purchased, August 1, 1882.

Order VIII. PROBOSCIDEA.

Family ELEPHANTIDÆ.

Genus Elephas.

426. *Elephas indicus*, Cuv. Indian Elephant.

Hab. South India.

a. Female. Purchased, May 1, 1851. Died July 7, 1875. See Garrod, P. Z. S. 1875, p. 542.
b. Male. Presented by R. R. Cocq, Esq., Sept. 12, 1863.
c. Male (*Jung Pacha*). Deposited, May 17, 1876.
d. Male (*Omar*). Deposited, May 17, 1876. Presented to Zoological Gardens of Berlin, April 6, 1882.
e. Male (*Rustom*). Deposited, May 17, 1876. Presented to Zoological Gardens of Berlin, April 6, 1882.
f. Female (*Suffa Culli*). Presented by H.R.H. the Prince of Wales, K.G., July 24, 1876.

427. *Elephas africanus,* Blum. African Elephant.
Hab. Africa.

a. Male (*Jumbo*). Received in exchange from the Jardin des Plantes, Paris, June 26, 1865. See P. Z. S. 1865, p. 510.
b. Female (*Alice*). Purchased, Sept. 9, 1865. See P. Z. S. 1865, p. 676.
c. Male (*Jingo*). Purchased, July 8, 1882.

Order IX. UNGULATA.

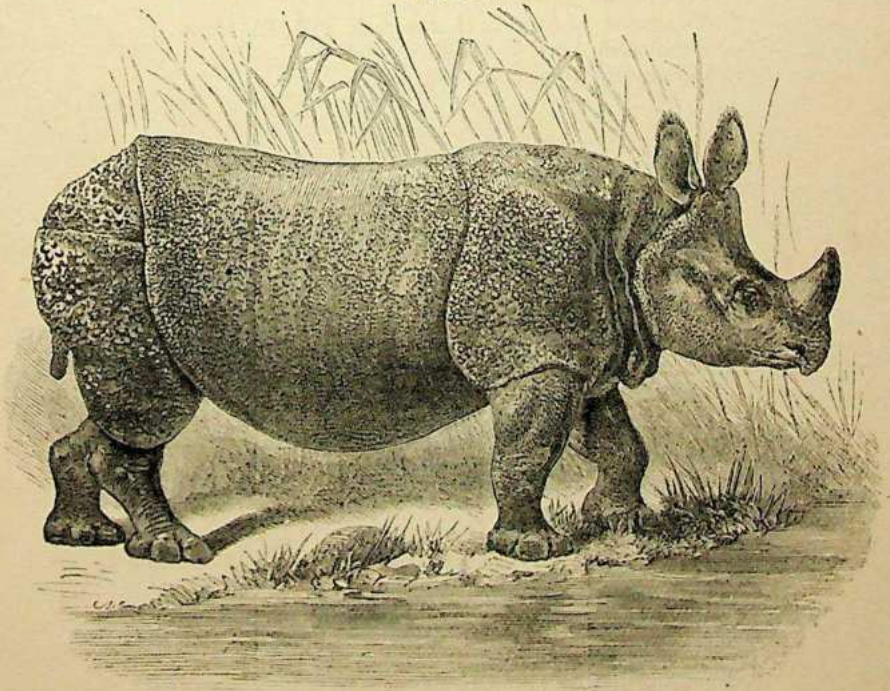
Suborder I. PERISSODACTYLA.

Family RHINOCEROTIDÆ.

Genus RHINOCEROS.

428. *Rhinoceros unicornis,* Linn. Indian Rhinoceros. (Fig. 12.)
Hab. India.

Fig. 12.



Rhinoceros unicornis ♂.

a. Male. Purchased, Sept. 20, 1834. See P. Z. S. 1834, p. 41, and Trans. Zool. Soc. iv. p. 31. Died Sept. 19, 1849.

b. Female. Purchased, July 17, 1850. Died Dec. 14, 1873. *Cf.* Garrod, P. Z. S. 1874, p. 2.

c. Male. Presented by A. Grote, Esq., F.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373, and Trans. Zool. Soc. ix. p. 645, pl. xcv.

d. Female. Brought from Calcutta by the Society's collector, July 25, 1864. Sent in exchange to the Jardin des Plantes, June 20, 1865.

429. *Rhinoceros sondaicus*, Cuv. Javan Rhinoceros.

Hab. Java.

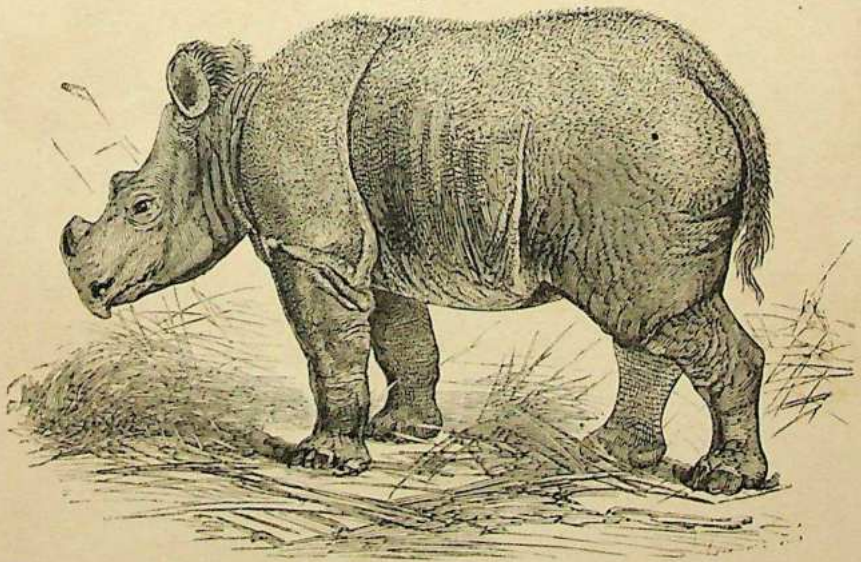
a. Male. Purchased, March 7, 1874. See P. Z. S. 1874, p. 182, pl. xxviii., and Trans. Zool. Soc. ix. p. 649, pl. xcvi.

430. *Rhinoceros lasiotis*, Sclater. Hairy-eared Rhinoceros. (Fig. 13.)

Hab. Chittagong.

a. Female. Purchased, Feb. 14, 1872. See P. Z. S. 1872, pp. 185, 493, pl. xxiii., et p. 790; and Trans. Zool. Soc. ix. p. 652, pl. xcviii.

Fig. 13.



Rhinoceros lasiotis. ('Nature,' vol. v. p. 427.)

431. *Rhinoceros sumatrensis,* Cuvier. Sumatran Rhinoceros. (Fig. 14.)

Hab. Malacca.

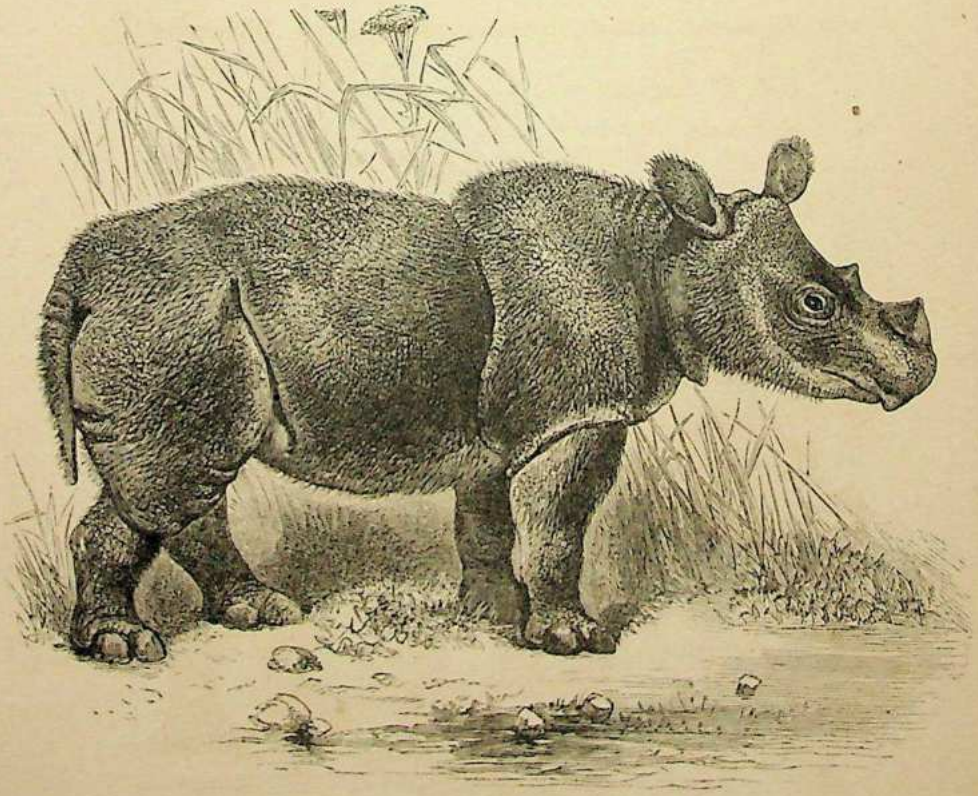
a. Female. Purchased, Aug. 21, 1872. See P. Z. S. 1872, p. 790, pl. LXVII. Died Sept. 21, 1872. See Garrod, P. Z. S. 1873, p. 92.

b. Female. Deposited, July 14, 1875, and subsequently purchased. See P. Z. S. 1875, p. 528, and Trans. Zool. Soc. vol. ix. p. 650, pl. XCVII., and vol. x. p. 411.

c. Female. Deposited, Oct. 4, 1878. See P. Z. S. 1878, p. 790.

d. Male. Deposited, March 20, 1879. Died April 6, 1879. See P. Z. S. 1879, p. 308.

Fig. 14.



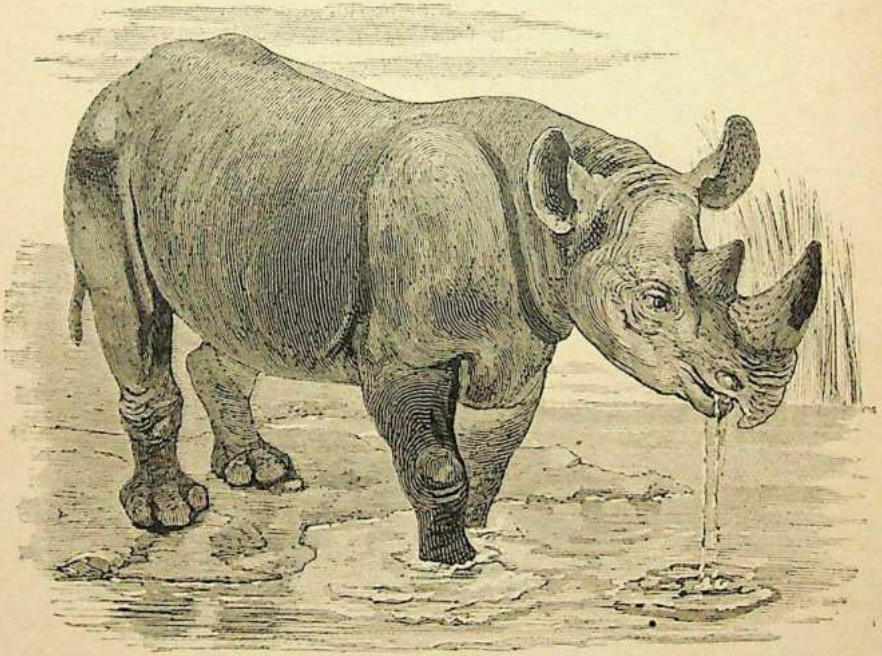
Rhinoceros sumatrensis. ('Nature,' vol. VI. p. 518.)

432. *Rhinoceros bicornis*, Linn. Two-horned Rhinoceros. (Fig. 15.)

Hab. Africa.

a. Purchased, Sept. 11, 1868. From Upper Nubia. See P. Z. S. 1868, p. 529, pl. XLI., and Trans. Zool. Soc. ix. p. 655, pl. XCIX.

Fig. 15.



Rhinoceros bicornis ♂. ('Nature,' vol. v. p. 427.)

Family TAPIRIDÆ.

Genus TAPIRUS.

433. *Tapirus americanus*, Gm. Brazilian Tapir. (Fig. 15.)

Hab. South America.

a. Female. Presented by the late King of Portugal, F.Z.S., Feb. 14, 1857.

b. Male. Received in exchange, Dec. 11, 1860.

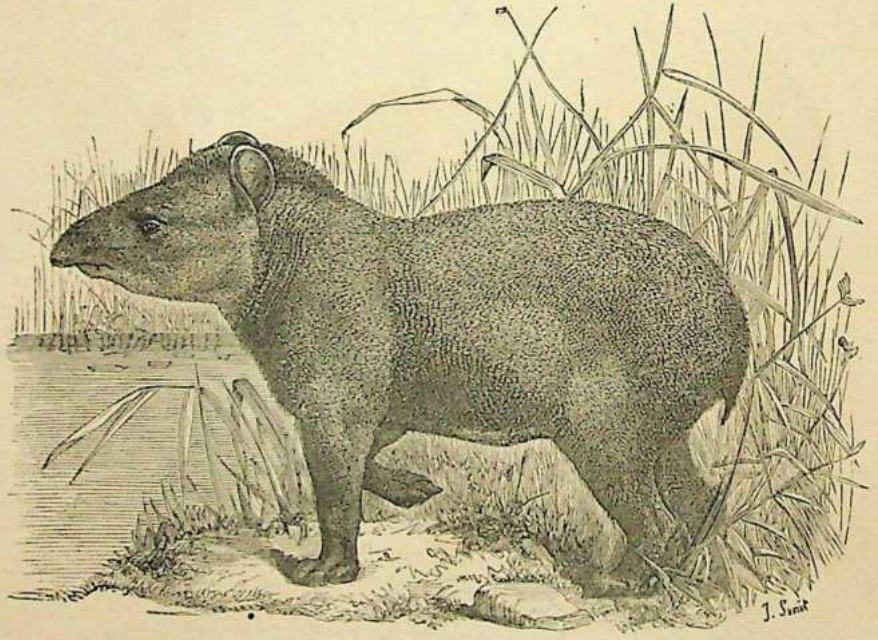
c. Deposited, July 25, 1867.

d. Male; *e*. Female. Purchased, July 30, 1869. See P. Z. S. 1872, p. 636, pl. LII.

f. Female. Purchased, Jan. 16, 1873. From Paraguay. See P. Z. S. 1873, p. 193.

g. Female. Hybrid between female of this species and male *Tapirus roulini*. Born in the Menagerie, Feb. 12, 1882. See P. Z. S. 1882, p. 311.

Fig. 16.



Tapirus americanus. (P. Z. S. 1873, p. 194.)

434. *Tapirus roulini*, Fischer. Hairy Tapir.
Hab. Columbia.

a. Male. Received in exchange, May 25, 1878. See P. Z. S. 1878, p. 631, pl. XXXIX.

435. *Tapirus indicus*, Desm. Malayan Tapir.
Hab. Malacca.

a. Purchased, March 17, 1840.
b. Purchased, Dec. 24, 1850. Died, June 11, 1851.
c. Purchased, May 20, 1851. Died, June 14, 1851.
d. Purchased, July 8, 1882.

436. *Tapirus bairdi* (Gill). Baird's Tapir.

Hab. Central America.

a. Young male. Purchased, Aug. 15, 1871. See P. Z. S. 1871, p. 626, pl. L.
b. Female. Purchased, April 13, 1872. From Corinto, Central America. See P. Z. S. 1872, p. 635, pl. LI.

437. *Tapirus dowii* (Gill). Dow's Tapir.

Hab. Venezuela.

a. Male. Presented by Fritz Zurcher, Esq., Aug. 13, 1881. See P. Z. S. 1882, p. 39, pl. XXIII.

Family EQUIDÆ.

Genus Equus.

438. *Equus tæniopus*, Heugl. African Wild Ass.

Hab. Abyssinia.

a. Purchased, Sept. 19, 1864. See P. Z. S. 1864, p. 374.
b. Female. Purchased, May 26, 1881.

439. *Equus onager*, Pall. Asiatic Wild Ass, or Onager.

Hab. South-western Asia.

a. Female. Presented by Sir Thomas Erskine Perry, F.Z.S., May 5, 1849. From Cutch.
b. Female. Presented by the Hon. C. A. Murray, C.B., F.Z.S., H.B.M.'s Envoy Ex. and Minister Plenipotentiary, March 11, 1859. From Persia.
c. Presented by Capt. Henry Lowther Nutt, Dec. 23, 1873. From Cutch. See P. Z. S. 1874, p. 1.
d. Hybrid between this species and *E. hemippus*, June 21, 1878.

440. *Equus hemippus*, Geoffr. St.-Hil. Hemippe.

Hab. Syria.

a. Female. Presented by the late W. Burkhardt Barker, Esq., Oct. 7, 1854.
b. Male; *c*. Female. Received in exchange, May 8, 1868. See P. Z. S. 1868, p. 404.
d. Male. Born in the Menagerie, May 12, 1869.
e. Male. Deposited, April 28, 1871.

441. *Equus hemionus*, Pall. Tibetan Wild Ass, or Kiang.

Hab. Tibet.

a. Female. Presented by Major W. E. Hay, F.Z.S., Oct. 22, 1859. Specimen figured, P. Z. S. 1859, Mamm. pl. LXXIII. See Major Hay's notes, *l. c.* p. 353.

442. *Equus quagga*, Linn. Quagga.

Hab. South Africa.

a. Female. Purchased, March 15, 1851.
b. Male. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Sept. 4, 1858.

443. *Equus burchellii* (Gray). Burchell's Zebra.

Hab. South Africa.

a. Male. Purchased, 1850.
b. Female. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., May 26, 1861. See P. Z. S. 1861, p. 209. Specimen figured, P. Z. S. 1865, pl. XXII.
c. Male. Born in the Menagerie, July 6, 1865.
d. Female. Born in the Menagerie, June 6, 1867.
e. Male. Deposited, April 14, 1869.
f. Born in the Menagerie, May 29, 1869.
g. Male. Born in the Menagerie, July 30, 1870.
h. Born in the Menagerie, June 10, 1872.
i. Male. Deposited, Sept. 16, 1876.
j. Female. Received in exchange, Nov. 8, 1878.
k. Female. Received in exchange, July 13, 1880.
l. Male. Purchased, April 20, 1882.

444. *Equus zebra*, Linn. Common Zebra.

Hab. South Africa.

a. Presented by H.E. Sir Philip Edmund Woodhouse, K.C.B., Governor of the Cape Colony, July 27, 1864. See P. Z. S. 1864, p. 374.
b. Purchased, July 18, 1867.

ZOOLOGICAL GARDENS
1875.
CALCUTTA

Suborder II. ARTIODACTYLA.

Family BOVIDÆ.

Subfamily BOVINÆ.

Genus Bos.

445. *Bos taurus,* Linn. Domestic Ox.

a. Male ; *b*. Female. From Piedmont. *c*. Male ; *d*. Female. From Tuscany. Presented by the King of Italy, Nov. 3, 1862.

e. Female. Piedmont. Born in the Menagerie, Sept. 14, 1863.

446. *Bos indicus,* Linn. Zebu.

Hab. India.

a. Male ; *b*. Female. Brahmin Cattle. Presented by Her Majesty the Queen, May 17, 1862.

c. Born in the Menagerie, March 7, 1863.

d. Male. Born in the Menagerie, March 2, 1865.

e. Male. Born in the Menagerie, Sept. 7, 1867.

f. Female. Born in the Menagerie, Sept. 19, 1869.

g. Born in the Menagerie, March 6, 1871.

h. Female. Born in the Menagerie, May 24, 1872.

i–l. Males. Deposited, Oct. 16, 1872.

m. Male. Hybrid between this species and *Bos frontalis*. Born in the Menagerie, Oct. 16, 1873.

n. Female. Born in the Menagerie, Dec. 11, 1873.

o. Hybrid between this species and *Bos frontalis*. Born in the Menagerie, Jan. 5, 1875.

p. Male. Born in the Menagerie, Feb. 2, 1875.

q. Female. Born in the Menagerie, Feb. 27, 1876.

r. Three-quarter bred between this species and hybrid *Bos frontalis*. Male. Born in the Menagerie, March 11, 1876.

s. Male, pure. Born in the Menagerie, March 23, 1877.

t. Three-quarter bred. Born in the Menagerie, July 11, 1877.

u. Female. Born in the Menagerie, March 13, 1878.

v. Three-quarter bred. Born in the Menagerie, Nov. 2, 1878.

w. Male. Born in the Menagerie, May 16, 1879.

x. Female. Born in the Menagerie, May 9, 1880.

y. Female. Born in the Menagerie, Aug. 19, 1881.

Genus Bison.

447. *Bison bonasus* (Linn.). European Bison.
Hab. Central Europe.

a. Bred in the Garden of the Zoological Society of Amsterdam, July 14, 1865. Purchased, Nov. 6, 1868.

448. *Bison americanus* (Gm.). American Bison.
Hab. North America.

a. Male. Purchased, March 26, 1863.
b. Female. Purchased, April 30, 1864.
c. Male; *d.* Female. Purchased, Feb. 27, 1865.
e. Male; *f.* Female. Deposited, March 29, 1867.
g. Male. Deposited, Jan. 8, 1870.
h. Male. Purchased, May 30, 1880.
i. Female. Purchased, Jan. 1, 1881.
j. Hybrid between a male of this species and a female hybrid *Bos frontalis* and *B. indicus*. Born in the Gardens, May 21, 1881.
k. Born in the Gardens, May 14, 1882.
l. Female. Purchased, Nov. 9, 1882.

Genus Poephagus.

449. *Poephagus grunniens* (Linn.). Yak.
Hab. Tibet.

a. Male; *b.* Female. Presented by C. M. Robison, Esq., Feb. 21, 1861.
c. Male. Born in the Menagerie, June 20, 1863.
d. Female. Born in the Menagerie, July 9, 1864.
e. Female. Deposited, Feb. 21, 1865.
f, *g.* Deposited, March 7, 1865.
h. Deposited, July 17, 1866.
i. Male. Born in the Menagerie, April 3, 1867.
j. Male. Presented by the Hon. Sir Ashley Eden, K.C.S.I., April 10, 1879.

Genus Bibos.

450. *Bibos frontalis* (Lambert). Gayal. (Fig. 17, p. 134.)
Hab. Assam.

a. Male. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 29, 1865. Specimen noticed and figured, P. Z. S. 1866, p. 1, pl. 1.

b. Female. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 8, 1867. See P. Z. S. 1867, p. 820.

c. Female. Presented by William Dunn, Esq., C.E., Aug. 8, 1867.

d. Hybrid between the female of this species and *B. indicus*, male. Born in the Menagerie, Oct. 29, 1868.

e. Hybrid between this species and male *B. indicus*. Born in the Menagerie, Dec. 18, 1869.

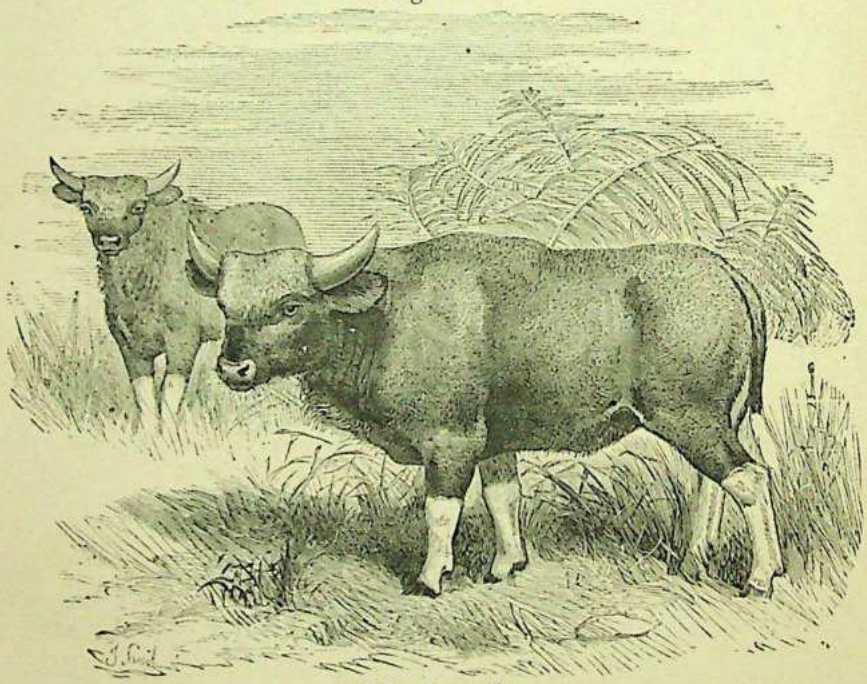
f. Born in the Menagerie, March 16, 1871. Hybrid between this species and *Bos indicus* ♂.

g. Male. Born in the Menagerie, June 15, 1872. Three-quarter bred between the species hybrid *Bos frontalis* and *Bos indicus*.

h. Male; *i*. Female. Received in exchange from the Zoological Society of Calcutta, Oct. 4, 1880.

j. Male. Born in the Menagerie, Jan. 6, 1882.

Fig. 17.



Bibos frontalis.

451. *Bibos sondaicus* (Müll.). Sondaic Ox.

Hab. Malay Peninsula.

a. Male. Presented by Col. A. P. Phayre, C.M.Z.S., May 4, 1863. From Pegu.

Genus Bubalus.

452. *Bubalus buffelus* (Blum.). Indian Buffalo.

Hab. East Indies.

a. Deposited, 1870.

453. *Bubalus caffer* (Sparrm.). Cape Buffalo.

Hab. South Africa.

a. Purchased, Nov. 6, 1865.
b. Male. Purchased, June 24, 1870.
c. Female. Received in exchange, Oct. 14, 1870.
d. Male. Born in the Menagerie, Dec. 16, 1872.
e. Male. Born in the Menagerie, May 23, 1874.
f. Female. Born in the Menagerie, Oct. 21, 1875.
g. Born in the Menagerie, Oct. 30, 1877.
h. Male. Received in exchange, Nov. 8, 1877.
i. Male. Born in the Menagerie, Aug. 21, 1879.
j. Female. Born in the Menagerie, June 14, 1881.
k. Male. Born in the Menagerie, June 7, 1882.

454. *Bubalus æquinoctialis*, Blyth. East-African Buffalo.

Hab. East Africa.

a. Male : *b*. Female. Purchased, Oct. 27, 1877. See P.Z.S. 1877, p. 754.

Genus Anoa.

455. *Anoa depressicornis* (H. Smith). Anoa.

Hab. Celebes.

a. Male. Purchased, May 10, 1871. See P.Z.S. 1871, p. 545.
b. Female. Received in exchange, June 2, 1880.

Subfamily Tragelaphinæ.

Genus Oreas.

456. *Oreas canna* (H. Smith). Eland.

Hab. South Africa.

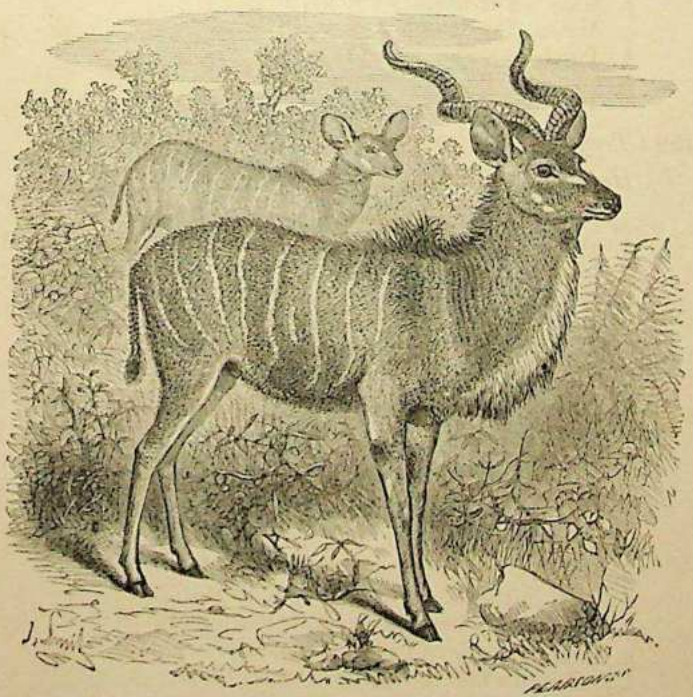
a–z. See former editions.
a^1. Male. Purchased, July 5, 1873.
b^1. Female. Received in exchange, Nov. 11, 1873.

c^1. Female. Born in the Menagerie, March 28, 1874.
d^1. Female. Born in the Menagerie, June 6, 1875.
e^1. Male. Born in the Menagerie, June 19, 1876.
f^1. Male. Born in the Menagerie, July 23, 1876.
g^1. Female. Born in the Menagerie, May 1, 1878.
h^1. Male. Born in the Menagerie, July 15, 1878.
i^1. Male. Born in the Menagerie, June 3, 1879.
j^1. Female. Born in the Menagerie, March 26, 1880.
k^1. Male. Born in the Menagerie, July 12, 1880.
l^1. Male. Born in the Menagerie, May 19, 1881.
m^1. Male. Born in the Menagerie, April 20, 1882.
n^1. Female. Purchased, Sept. 28, 1882.

Genus Strepsiceros.

457. *Strepsiceros kudu*, Gray. Koodoo. (Fig. 18.)
Hab. Africa.

Fig. 18.



Strepsiceros kudu.

a. Female. Presented by Sir George Grey, K.C.B., May 28, 1861. See P. Z. S. 1861, p. 208.

b. Male. Purchased, July 16, 1868. From Upper Nubia. See P. Z. S. 1868, p. 526.
c. Male; *d*. Female. Purchased, May 10, 1873.
e. Male. Purchased, May 13, 1874. See P. Z. S. 1874, p. 323.
f. Male; *g*. Female. Purchased, Aug. 26, 1880.
h. Male. Deposited, Nov. 17, 1880.

Genus Tragelaphus.

458. *Tragelaphus scriptus* (Pall.). Harnessed Antelope.

Hab. Gambia.

a. Purchased, May 23, 1865.
b, *c*. Purchased, May 8, 1868.
d. Purchased, Oct. 21, 1868. From Lagos.
e. Female. Received in exchange, Feb. 7, 1870.
f. Male. Purchased, June 28, 1873.
g. Male. Purchased, Aug. 9, 1873.
h. Purchased, March 3, 1880.
i. Female. Purchased, Aug. 25, 1880.

459. *Tragelaphus sylvaticus* (Sparrm.). Bosch-bok.

Hab. South Africa.

a. Presented by Sir George Grey, K.C.B., April 11, 1859.
b. Male. Presented by E. W. Berryman, Esq., Dec. 15, 1881.

Genus Boselaphus.

460. *Boselaphus tragocamelus* (Pall.). Nylghaie.

Hab. India.

a. Male. Born in the Menagerie, May 25, 1856.
b. Female. Purchased, Jan. 26, 1863.
c. Female. Deposited, Nov. 20, 1863.
d. Born in the Menagerie, Oct. 6, 1864.
e. Born in the Menagerie, Oct. 5, 1864.
f. Male. Purchased, Nov. 1, 1864.
g, *h*. Males. Born in the Menagerie, Sept. 15, 1866.
i, *j*. Born in the Menagerie, Oct. 7, 1866.
k. Born in the Menagerie, Aug. 31, 1868.
l, *m*. Born in the Menagerie, Nov. 23, 1869.
n. Male. Purchased, July 30, 1880.
o. Female. Purchased, Aug. 25, 1880.

Subfamily Oryginæ.

Genus Oryx.

461. *Oryx leucoryx* (Pall.). Leucoryx.

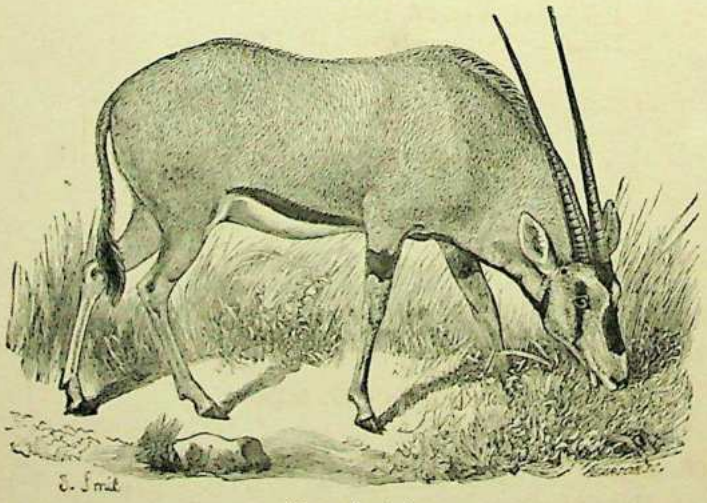
Hab. North Africa.

a. Female. Born in the Menagerie, 1852.
b. Male. Born in the Menagerie, 1853.
c. Female. Born in the Menagerie, May 17, 1860.
d. Female. Born in the Menagerie, May 5, 1864.
e. Female. Purchased, Sept. 7, 1870.
f. Deposited, May 10, 1876.
g. Male. Purchased, June 3, 1880.
h. Female. Presented by John M. Cook, Esq., Sept. 30, 1881.

462. *Oryx beatrix*, Gray. Beatrix Antelope. (Fig. 19.)

Hab. Arabia.

Fig. 19.



Oryx beatrix.

a. Deposited, March 26, 1872. See P. Z. S. 1872, p. 603.
b. Male. Presented by Comm. Burke, July 10, 1878. See P. Z. S. 1878, p. 789.
c, *d*. Females. Presented by Lord Lilford, F.Z.S., Oct. 14, 1881.

463. *Oryx beisa* (Rüpp.). Beisa Antelope.

Hab. North-east Africa.

a. Male. Presented by Admiral Arthur Cumming, May 28, 1874. See P. Z. S. 1874, p. 323.
b. Female. Presented by H.H. the Sultan of Zanzibar, Nov. 8, 1875. See P. Z. S. 1875, p. 633.
c. Male. Deposited, April 24, 1877.
d. Male. Presented by H.H. the Sultan of Zanzibar, April 27, 1877.
e. Male; *f*. Female. Presented by Capt. F. M. Hunter, C.M.Z.S., Aug. 2, 1878. See P. Z. S. 1878, p. 441.
g. Female. Born in the Menagerie, April 12, 1881.

Genus Addax.

464. *Addax naso-maculatus* (Licht.). Addax.

Hab. North Africa.

a. Male. Presented by H.E. Sir John Gaspard Le Marchant, G.C.M.G., Governor of Malta, March 2, 1861.
b. Purchased, Sept. 30, 1864.
c. Female. Purchased, Nov. 13, 1876.

Subfamily Hippotraginæ.

Genus Hippotragus.

465. *Hippotragus niger* (Harris). Sable Antelope.

Hab. South Africa.

a. Male. Purchased, Sept. 17, 1861. See P. Z. S. 1861, p. 367.
b. Male. Purchased, July 17, 1873.

466. *Hippotragus equinus* (Geoffr.). Equine Antelope.

Hab. Africa.

a. Male. From Upper Nubia. Received in exchange, Nov. 24, 1878.

Subfamily ANTILOPINÆ.

Genus GAZELLA.

467. *Gazella dorcas* (Linn.). Gazelle.

Hab. Egypt.

a. Male. Presented by H.E. Sir John Gaspard Le Marchant, G.C.M.G., Governor of Malta, March 2, 1861.
b. Presented by H. Straker, Esq., Feb. 2, 1864.
c. Deposited, May 22, 1866.
d. Female. Purchased, July 12, 1869.
e. Female. Deposited, Nov. 7, 1873.
f. Male; *g*. Female. Presented by G. Muscat, Esq., Aug. 7, 1874.
h. Female. Presented by Miss Lancaster, Nov. 23, 1874.
i. Female. Deposited, Aug. 14, 1875.
j. Male. Presented by H.M. the Queen, April 27, 1877.
k. Male. Presented by H. B. Benson, Esq., July 18, 1877.
l. Female. Presented by Capt. J. Graham, Aug. 18, 1877.
m. Male. Deposited, April 5, 1878.
n. Male; *o*. Female. Presented by T. Moss, Esq., Sept. 20, 1878.
p. Male; *q*. Female. Presented by Commander J. Pratt, June 17, 1879.
r. Male. Presented by the Earl of March, F.Z.S., March 23, 1881.
s. Male. Presented by Mrs. J. J. Jones, May 12, 1881.

468. *Gazella rufifrons*, Gray. Korin Gazelle.

Hab. Senegal.

a. Purchased, Aug. 19, 1865.
b. Female. Purchased, Sept. 26, 1869.

469. *Gazella cuvieri*, Ogilby. Cuvier's Gazelle.

Hab. Algeria.

a. Male. Purchased, Nov. 17, 1862.
b. Presented by Capt. Alan Gardner, R.N., June 16, 1865.
c. Male. Presented by Rear-Admiral Sir William Hall, May 15, 1867.

470. *Gazella arabica* (Hempr. et Ehr.). Arabian Gazelle.

Hab. Arabia.

a. Male; *b*. Female. Presented by Mrs. Benecke, July 25, 1874. From Aden. See P. Z. S. 1874, p. 494.
c, *d*. Males. Deposited, Dec. 31, 1875.

e. Female. Presented by F. de Havilland Hall, Esq., Sept. 22, 1876.
f. Female. Presented by Capt. Cotton, Aug. 22, 1877.
g. Female. Deposited, Oct. 2, 1877.
h. Male. Presented by Mark Whyley, Esq., Jan. 14, 1878.
i. Female. Presented by W. Webb, Esq., March 30, 1878.
j, *k*. Females. Presented by Capt. W. Bowden Smith, R.N., Oct. 13, 1879.
l. Female. Presented by Capt. Ticehurst, June 22, 1880.
m. Male; *n*. Female. Deposited, Nov. 5, 1880.
o, *p*. Females. Presented by Reginald Zohrab, Esq., May 22, 1881.
q. Male; *r*. Female. Deposited, Jan. 13, 1882.

471. *Gazella muscatensis*, Brooke. Muscat Gazelle.

Hab. Muscat.

a. Male. Presented by Major C. B. Evan Smith, Aug. 15, 1872. See P. Z. S. 1874, p. 142, pl. xxii.
b. Female. Deposited, Sept. 26, 1873.
c. Male. Presented by J. H. Bainbridge, Esq., May 26, 1874.
d. Male; *e*. Female. Presented by Lord Lilford, F.Z.S., Oct. 14, 1881.
f. Male. Born in the Menagerie, March 6, 1882.

472. *Gazella bennetti* (Sykes). Indian Gazelle.

Hab. India.

a. Purchased, May 4, 1868.
b. Presented by H. Holmes, Esq., Aug. 11, 1870.
c. Female. Presented by Lieut. J. R. King, April 29, 1876.
d. Male. Presented by Miss O. Statter, May 17, 1878.
e. Male. Presented by H. Chevallier, Esq., May 13, 1880.
f. Female. Deposited, Oct. 26, 1880.
g. Male. Presented by Brigadier-General Tanner, May 23, 1881. From Kheleb-i-Gilzai, Afghanistan.

473. *Gazella subgutturosa* (Güldenst.). Persian Gazelle.

Hab. Persia.

a, *b*. Females. Presented by T. Kerr Lynch, Esq., F.Z.S., Sept. 27, 1869. See P. Z. S. 1869, p. 602.
c. Female. Presented by J. R. Mayers, Esq., April 5, 1871.
d. Female. Presented by C. Czarnikow, Esq., Dec. 1, 1871.
e. Male. Presented by Miss Finnis, June 22, 1872.
f. Female. Presented by Capt. Phillips, June 26, 1873.
g. Male. Presented by Edwyn Sandys Dawes, Esq., June 11, 1874.

h. Female. Presented by C. Czarnikow, Esq., F.Z.S., April 19, 1875.
i. Male. Born in the Menagerie, May 13, 1875.
j, *k*. Presented by A. Gray, Esq., Oct. 12, 1875.
l. Male. Presented by T. Fowler, Esq., Nov. 3, 1876.
m. Male; *n*. Female. Deposited, May 18, 1877.
o, *p*. Presented by R. W. Inglis, Esq., April 1, 1878.
q. Male. Presented by Col. Nixon, July 4, 1878.
r. Male. Presented by C. H. Watts, Esq., June 19, 1879.
s. Female. Presented by Miss M. Murray, Jan. 9, 1880.
t. Female. Presented by Mr. W. Dunt, March 12, 1880.

474. *Gazella dama* (Pall.). Dama Gazelle.

Hab. Senegal.

a. Male. Purchased, Aug. 19, 1865.
b. Female. Purchased, Sept. 16, 1865. See P. Z. S. 1865, p. 675.

475. *Gazella sœmmerringi* (Cretzschm.). Sœmmerring's Gazelle.

Hab. Abyssinia.

a. Male; *b*. Female. Purchased, Aug. 21, 1867. See P. Z. S. 1867, p. 817, pl. xxxvii.
c. Presented by C. MacIver, Jr., Esq., Nov. 29, 1871. From Suez. See P. Z. S. 1871, p. 701.
d, *e*. Deposited, Oct. 5, 1876.
f. Male. Presented by Capt. Cotton, Aug. 22, 1877.
g. Female. Purchased, Sept. 5, 1879.
h. Male. Purchased, Oct. 20, 1879.

476. *Gazella granti*, Brooke. Grant's Gazelle. (Fig. 20.)

Hab. East Africa.

a. Female. Presented by Dr. J. Kirk, C.M.Z.S., June 10, 1875. See P. Z. S. 1875, p. 527, pl. lix.

477. *Gazella euchore* (Licht.). Spring-bok.

Hab. South Africa.

a. Female. Purchased, Aug. 30, 1862.
b. Deposited, Nov. 28, 1867.
c. Presented by H. S. Mackenzie, Esq., Aug. 27, 1868.
d. Purchased, Nov. 28, 1876.

Fig. 20.

Head of *Gazella granti*. (P. Z. S. 1878, p. 724.)

Genus Saiga.

478. *Saiga tatarica* (Pall.). Saiga Antelope.

Hab. Siberia.

a. Male. Received in exchange, Nov. 21, 1864. See P. Z. S. 1864, p. 587.

b. Male. Received, Jan. 21, 1865.

c. Male; *d*. Female. Purchased, Nov. 10, 1866. Specimens noticed and figured, P. Z. S. 1867, p. 240, pl. xvii. See Dr. Murie's article on the anatomy of this animal, P. Z. S. 1870, p. 451.

Genus Antilope.

479. *Antilope cervicapra* (Linn.). Indian Antelope.

Hab. India.

a. Male. Purchased, Aug. 30, 1862.
b. Male. Presented by the Officers of the 51st Regt., Sept. 24, 1867.
c. Presented by Lieut. H. R. Bowlby, 20th Regt., Jan. 20, 1868.
d. Presented by Wm. Phillips, Esq., Sept. 26, 1868.
e. Presented by G. Y. Mercer, Esq., Oct. 19, 1868.
f. Male. Presented by Col. H. J. Smythe, March 18, 1870.
g. Male; *h*. Female. Presented by G. E. Rogers, Esq., Sept. 16, 1873.
i, *j*. Males. Presented by H.R.H. The Prince of Wales, K.G., July 24, 1876.
k. Female. Received in exchange, June 28, 1878.
l. Male. Presented by the Hon. A. Greville, June 13, 1879.
m, *n*. Males. Deposited, April 1, 1881.

Subfamily Cervicaprinæ.

Genus Cervicapra.

480. *Cervicapra isabellina* (Afz.). Isabelline Antelope.

Hab. South Africa.

a. Purchased, March 2, 1864.
b. Female. Purchased, Nov. 28, 1865.
c. Female. Deposited, Sept. 18, 1879.

481. *Cervicapra bohor* (Rüpp.). Bohor Antelope.

Hab. East Africa.

a. Female. Deposited, April 24, 1877. See P. Z. S. 1877, p. 418.

Genus Cobus*.

482. *Cobus sing-sing* (Benn.). Sing-sing Antelope.

Hab. West Africa.

a. Female. Purchased, Dec. 23, 1867.
b. Female. Purchased, Jan. 27, 1868.

---

* *Kobus*, Smith, Ill. Zool. S. Afr., Mamm. pl. xxviii. (Oct. 1840).

483. *Cobus lechée* (Gray). Lechée Antelope.

Hab. South Africa.

a. Female. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, March 1, 1859.

Genus Pelea.

484. *Pelea capreolus* (Licht.). Reh-bok.

Hab. South Africa.

a. Female. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.
b. Female. Presented by Sir G. Grey, K.C.B., Nov. 1, 1861.
c. Male. Presented by Edmund R. Wodehouse, Esq., April 29, 1863.
d. Female. Purchased, June 24, 1864.

Genus Neotragus.

485. *Neotragus melanotis* (Rüpp.). Grys-bok.

Hab. South Africa.

a. Female. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.
b. Purchased, June 24, 1864.
c. Male. Purchased, Sept. 15, 1869.

486. *Neotragus tragulus* (Afz.). Stein-bok Antelope.

Hab. South Africa.

a. Female. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.

487. *Neotragus nigricaudatus* (Rüpp.). Black-tailed Antelope.

Hab. West Africa.

a. Presented by Charles B. Mosse, Esq., May 17, 1867. See Brooke, P. Z. S. 1872, p. 874, pl. lxxv.
b Female. Deposited, June 30, 1873.
c. Female. Purchased, Jan. 22, 1876.

Subfamily Cephalophinæ.

Genus Cephalophus.

488. *Cephalophus maxwelli* (H. Smith). Philantomba Antelope.

Hab. Sierra Leone.

a. Female. Purchased, July 23, 1861.
b. Presented by Capt. J. L. Perry, R.N., of H.M.S. 'Griffon,' July 22, 1865.
c. Presented by Comm. St. Clair, R.N., of H.M.S. 'Sparrow,' Aug. 17, 1866.
d. Presented by R. W. Tamplin, Esq., F.Z.S., March 17, 1868.
e. Purchased, April 27, 1868.
f. Presented by Major Sir R. Sheffield, July 31, 1868.
g. Born in the Menagerie, Oct. 8, 1869.
h. Presented by John Reeves, Esq., F.Z.S., June 14, 1870.
i. Female. Born in the Menagerie, Feb. 24, 1871.
j. Female. Born in the Menagerie, Dec. 29, 1871.
k. Male. Born in the Menagerie, Sept. 7, 1872.
l. Female. Born in the Menagerie, April 16, 1873.
m. Male. Received in exchange, Sept. 22, 1873.
n. Male. Born in the Menagerie, July 25, 1874.
o. Female. Received in exchange, Oct. 13, 1878.
p. Male; *q*. Female. Purchased, Dec. 26, 1878.
r. Presented by G. P. Henderson, Esq., Lieut. R.N., Nov. 20, 1880.

489. *Cephalophus pygmæus* (Linn.). Blau-bok.

Hab. South Africa.

a. Male. Presented by Sir G. Grey, K.C.B., May 28, 1861. See P. Z. S. 1861, p. 209.
b. Presented by His Royal Highness the Duke of Edinburgh, May 24, 1866.
c. Female. Presented by F. Pearson, Esq., Aug. 27, 1871.
d. Purchased, Oct. 17, 1874.
e. Purchased, Feb. 15, 1882.

490. *Cephalophus natalensis* (Smith). Natal Antelope.

Hab. South Africa.

a. Male. Purchased, March 14, 1880.

491. *Cephalophus mergens* (Blainv.). Duyker-bok.

Hab. South Africa.

a. Received, March 27, 1867.
b. Presented by F. R. Lee, Esq., July 3, 1872.
c. Male. Presented by J. D. Witherspoon, Esq., Nov. 28, 1876

492. *Cephalophus sylvicultrix* (Afz.). Wood-loving Antelope.

Hab. West Africa.

a. Received in exchange, March 24, 1870. See P. Z. S. 1870, p. 220.

493. *Cephalophus rufilatus*, Gray. Coquetoon Antelope.

Hab. West Africa.

a. Female. Purchased, Aug. 27, 1861.
b. Purchased, July 8, 1867.
c. Female. Purchased, July 24, 1879.
d. Male. Purchased, Aug. 5, 1880.

494. *Cephalophus dorsalis*, Gray. Bay Antelope.

Hab. West Africa.

a. Purchased, July 11, 1861. See P. Z. S. 1861, p. 366 (*C. badius*).
b. Purchased, Feb. 13, 1866. Specimen described and figured by Dr. Gray, P. Z. S. 1866, p. 202, pl. xx., as *Cephalophus breviceps*. See P. Z. S. 1869, p. 595.
c. Female. Presented by C. B. Mosse, Esq., Oct. 16, 1869. From the Gold Coast. See P. Z. S. 1869, p. 595, pl. XLVI.
d. Presented by C. B. Mosse, Esq., C.M.Z.S., Sept. 14, 1874.
e. Female. Received in exchange, Dec. 17, 1875.
f. Female. Purchased, June 12, 1876.
g. Female. Received in exchange, Nov. 12, 1877.
h Female. Purchased, June 11, 1878.
i. Purchased, Aug. 12, 1881.

495. *Cephalophus nigrifrons*, Gray. Black-fronted Antelope.

Hab. Gaboon.

a. Purchased, June 16, 1882.

Genus Tetraceros.

496. *Tetraceros quadricornis* (Blainv.). Four-horned Antelope.
Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 14, 1868.
b. Male: *c*. Female. Received in exchange, March 29, 1881.
d. Female. Born in the Menagerie, Feb. 28, 1882.

497. *Tetraceros subquadricornutus*, Elliot. Western Four-horned Antelope.
Hab. India.

a. Male. Purchased, June 8, 1875. See P. Z. S. 1875, p. 527.
b, *c*. Purchased, July 23, 1875.

Subfamily Alcelaphinæ.

Genus Alcelaphus.

498. *Alcelaphus bubalis* (Pall.). Bubaline Antelope.
Hab. North Africa.

a. Received in exchange, March 21, 1860.
b. Male. Purchased, Nov. 13, 1876.

499. *Alcelaphus tora*, Gray. Tora Antelope. (Fig. 21.)
Hab. Upper Nubia.

a. Female. Purchased, July 22, 1875. See P. Z. S. 1875, p. 529.
b. Male; *c*. Female. Purchased, Oct. 5, 1876.

500. *Alcelaphus caama* (Cuv.). Hartebeest.
Hab. South Africa.

a. Male. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, Nov. 1, 1861. See P. Z. S. 1861, p. 307.
b. Male; *c*. Female. Purchased, July 9, 1869.

Fig. 21.

Head of *Alcelaphus tora*. (P. Z. S. 1873, p. 762.)

501. *Alcelaphus albifrons* (Burch.). Bless-bok.

Hab. South Africa.

a. Female. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, May 26, 1861. See P. Z. S. 1861, p. 208.
b. Male. Purchased, June 18, 1862.
c. Female. Purchased, May 7, 1864.
d. Born in the Menagerie, Jan. 29, 1866.
e. Female. Born in the Menagerie, Aug. 7, 1867.
f. Born in the Menagerie, July 16, 1869.
g. Deposited, June 11, 1870.
h. Born in the Menagerie, Oct. 31, 1871.
i. Deposited, Oct. 1, 1880.

502. *Alcelaphus pygargus* (Pall.). Bonte-bok.
Hab. South Africa.

a, *b*. Females. Purchased, Aug. 11, 1871. See P. Z. S. 1871, p. 625.

Genus Connochætes.

503. *Connochætes gnu* (Zimm.). White-tailed Gnu.
Hab. South Africa.

a. Male. Purchased, April 14, 1860.
b. Presented by William Cubitt, Esq., May 11, 1865.
c. Deposited, May 22, 1866.
d. Male. Deposited, Nov. 17, 1869.
e, *f*. Males. Deposited, June 24, 1870.
g. Male. Purchased, July 17, 1879.

504. *Connochætes taurina* (Burchell). Brindled Gnu.
Hab. South Africa.

a. Female. Purchased, 1859.

Subfamily Rupicaprinæ.

Genus Rupicapra.

505. *Rupicapra tragus*, Gray. Alpine Chamois.
Hab. Savoy.

a. Male; *b*. Female. Presented by the King of Italy, Nov. 3, 1862.
c. Born in the Menagerie, Aug. 6, 1864.
d. Born in the Menagerie, May 22, 1865.
e. Female. Presented by A. Wilson, Esq., Dec. 11, 1874. From the Pyrenees.

Genus Nemorhædus.

506. *Nemorhædus goral*, Hardw. Goral Antelope.
Hab. Indian Himalayas.

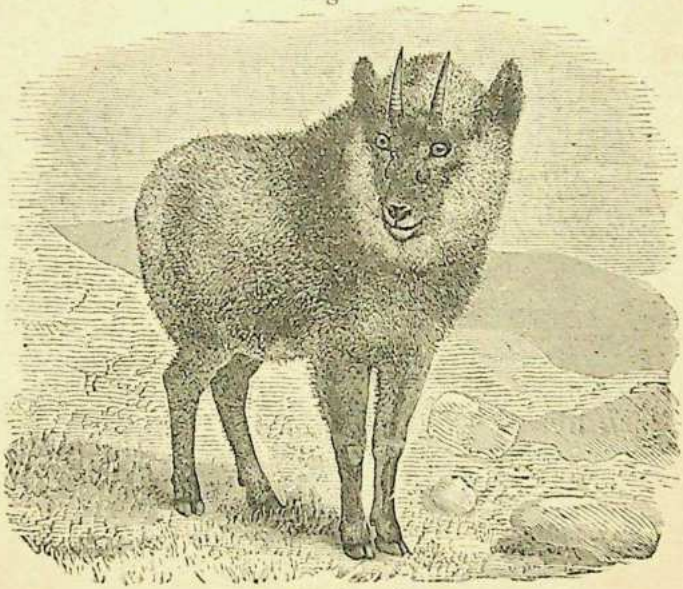
a. Male. Purchased, March 16, 1881.

507. *Nemorhædus crispus* (Temm.). Japanese Goat-Antelope. (Fig. 22.)

Hab. Japan.

a. Male. Presented by H. Pryer, Esq., C.M.Z.S., April 12, 1879. See P. Z. S. 1879, p. 384.

Fig. 22.



Nemorhædus crispus.

Subfamily Caprinæ.

Genus Capra.

508. *Capra hircus*, Linn. Domestic Goat.

a–k. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864. (Cashmere-Shawl Goats.)
l. Born in the Menagerie, Jan. 23, 1865.
m. Born in the Menagerie, June 17, 1865.
n. Born in the Menagerie, Jan. 31, 1866.
o. Born in the Menagerie, Feb. 9, 1866.
p. Born in the Menagerie, May 7, 1866.
q. Born in the Menagerie, July 31, 1866.
r. Born in the Menagerie, Aug. 7, 1866.
s. Male. Born in the Menagerie, March 15, 1867.
t. Female. Born in the Menagerie, March 18, 1867.

u. Male. Born in the Menagerie, May 18, 1867.
v. Female. Born in the Menagerie, Sept. 10, 1867.
w. Male. Born in the Menagerie, Oct. 11, 1867.
x. Born in the Menagerie, April 8, 1868.
y. Born in the Menagerie, April 26, 1868.
z. Born in the Menagerie, May 20, 1868.
a^1. Female. Born in the Menagerie, May 11, 1869.
b^1. Born in the Menagerie, June 6, 1870.
c^1. Female. Presented by H.R.H. the Duke of Edinburgh, June 3, 1871.
d^1. Male. Presented by J. A. Crofts, Esq., Nov. 28, 1873.
e^1. Male; f^1. Female. Presented by William Taylor, Esq., M.D., May 24, 1880. (Cashmere-Shawl Goats.)
g^1, h^1. Males; i^1. Females. Deposited, May 24, 1880. (Cashmere-Shawl Goats.)
j^1. Female. Born in the Menagerie, May 25, 1881.
k^1. Born in the Menagerie, Jan. 19, 1882.

509. *Capra ægagrus*, Gm. Grecian Ibex.

Hab. South-east Europe.

a. Female. Presented by F. Guarracino, Esq., H.B.M.'s First Vice-Consul, Constantinople, Dec. 16, 1862.
b, *c*. Males. Bred between *a* and *Capra megaceros*, male. Born in the Menagerie, April 24, 1864.
d. Hybrid. Born in the Menagerie, April 9, 1865.
e. Male; *f*. Female. Bred between *a* and *Capra megaceros*, male. Born in the Menagerie, July 15, 1867.
g, *h*. Hybrid between *a* and *Capra megaceros*, male. Born in the Menagerie, May 17, 1868.
i, *j*. Males. Born in the Menagerie, April 8, 1869.
k. Male. Born in the Menagerie, April 9, 1869.
l. Born in the Menagerie, April 15, 1870.
m, *n*. Males. Born in the Menagerie, April 16, 1870.
o. Male. Born in the Menagerie, April 23, 1870.
p. Born in the Menagerie, April 29, 1870.
q. Purchased, March 27, 1871.
r. Presented by T. B. Sandwith, Esq., Sept. 30, 1871. From Crete. See *Capra beden*, P.Z.S. 1871, p. 627, and 1872, p. 689.
s, *t*. Presented by T. B. Sandwith, Esq., May 21, 1873.
u. Male. Presented by W. H. Smith, Esq., Nov. 25, 1881. From Crete.

510. *Capra ibex*, Linn. Alpine Ibex.

Hab. Savoy.

a. Male; *b*. Female. Presented by the King of Italy, Nov. 3, 1862.

c. Born in the Menagerie, April 6, 1863.
d. Born in the Menagerie, May 22, 1865.
e. Born in the Menagerie, April 3, 1866.
f. Male. Born in the Menagerie, April 10, 1869.
g. Born in the Menagerie, March 27, 1871.

511. *Capra hispanica*, Schimper. Spanish Ibex.

Hab. Spain.

a. Female. Presented by Major H. Irby, Aug. 10, 1868. See *Capra pyrenaica*, P. Z. S. 1868, p. 526.
b. Male. Presented by Major H. Irby, Sept. 4, 1869. See P. Z. S. 1869, p. 469.

512. *Capra megaceros*, Hutton. Markhoor.

Hab. North-east India.

a. Male. Presented by Capt. Samuel Browne, 2nd Punjab Cavalry, July 21, 1856.
b. Male; *c*. Female. Presented by Major F. R. Pollock, Commissioner at Dera Ismail Khan, Aug. 25, 1866. See P. Z. S. 1866, p. 418.
d. Male. Born in the Menagerie, April 30, 1867.
e. Born in the Menagerie, May 31, 1868.
f. Male. Born in the Menagerie, April 29, 1869.
g. Born in the Menagerie, April 30, 1870.
h. Male. Born in the Menagerie, June 14, 1871.
i. Female. Born in the Menagerie, June 18, 1872.
j. Female. Born in the Menagerie, June 21, 1872.
k. Female. Born in the Menagerie, May 5, 1873.
l. Female. Presented by Lieut.-Col. St. John, Jan. 17, 1882.

513. *Capra jemlaica*, Hodgs. Thar.

Hab. Himalayas.

a. Presented by Capt. Townley Parker, 1852. See Wolf and Scl. Zool. Sk. vol. i. pl. 25.
b, *c*. Deposited by H.R.H. the Prince of Wales, K.G., F.Z.S., May 1876. See P. Z. S. 1876, p. 464.
d, *e*. Females. Presented by H.R.H. the Prince of Wales, K.G., F.Z.S., Feb. 5, 1880.

Genus Ovis.

514. *Ovis aries*, Linn. Domestic Sheep.

a, *b*. Presented by John Henry Gurney, Esq., F.Z.S., Oct. 24, 1865. From Lagos.

c, *d*. Presented by Her Majesty the Queen, April 17, 1866. From Africa.
e, *f*. Presented by Capt. Glover, R.N., June 18, 1866. From Africa.
g. Born in the Menagerie, March 8, 1867.
h. Male; *i*. Female. Presented by Capt. Parker, March 16, 1870. Fat-tailed variety.
j. Male. Deposited, May 5, 1870. From the East Indies.
k. Male; *l*. Female. A variety. Presented by J. J. Monteiro, Esq., C.M.Z.S., Aug. 2, 1871.
m. Hybrid between a male of this species and a female *Ovis musimon*. Born in the Menagerie, June 5, 1872.
n. Male; *o*. Female. Presented by Mr. Shirley, Aug. 27, 1873. From Persia.
p–*r*. Purchased, Oct. 7, 1873. From Chili.
s. Presented by Capt. E. R. Freemantle, R.N., C.B., May 15, 1874. From West Africa.
t. Male; *u*. Female. Presented by T. Gray, Esq., Aug. 14, 1875.
v. Male; *w*. Female. Deposited, April 24, 1877.
x. Male. Presented by A. Swanzy, Esq., Sept. 7, 1877.
y, *z*. Males. Presented by R. B. N. Walker, Esq., C.M.Z.S., Sept. 15, 1879.
a^1, b^1. Females. Presented by H. Sandbach, Esq., Nov. 22, 1879.

515. *Ovis musimon*, Schreb. Mouflon.

Hab. Sardinia and Corsica.

a. Male. Born in the Menagerie, May 1859.
b, *c*. Deposited, Aug. 13, 1866.
d, *e*. Presented by Lord Lilford, F.Z.S., March 16, 1868.
f. Presented by Earl Dudley, April 13, 1868.
g. Born in the Menagerie, May 13, 1868.
h. Male; *i*. Female. Born in the Menagerie, May 3, 1869.
j. Born in the Menagerie, April 15, 1870.
k. Born in the Menagerie, April 17, 1870.
l. Female. Born in the Menagerie, April 23, 1870.
m. Male. Presented by Her Majesty the Queen, March 21, 1871.
n. Hybrid between this species and *Ovis cycloceros* ♂. Born in the Menagerie, May 18, 1871.
o. Hybrid between this species and *Ovis cycloceros* ♂. Born in the Menagerie, May 29, 1871.
p. Hybrid between this species and *O. aries*. Born in the Menagerie, Oct. 3, 1871.
q. Male; *r*. Female. Presented by H. E. Halloway, Esq., Sept. 6, 1873.
s. Male. Born in the Menagerie, May 10, 1874.

t. Female. Deposited, April 26, 1875.
u. Female. Deposited, Feb. 21, 1876.
v. Female. Born in the Menagerie, May 4, 1876.
w. Born in the Menagerie, June 6, 1878.
x. Female. Born in the Menagerie, July 5, 1881.
y. Male; *z*. Female. Presented by the Duke of Marlborough, F.Z.S., Feb. 16, 1881. From Corsica.
a^1. Female. Born in the Menagerie, May 23, 1881.
b^1. Male. Born in the Menagerie, June 5, 1882.
c^1. Male. Born in the Menagerie, June 9, 1882.
d^1. Hybrid between this species and *Ovis aries*. Presented by H.R.H. Prince Christian, Sept. 7, 1882.

516. *Ovis cycloceros*, Hutton. Punjab Wild Sheep.

Hab. North-west India.

a. Male. Presented by Brigadier-General Hearsey, F.Z.S., Aug. 19, 1854. See P. Z. S. 1860, p. 126.
b. Female. Presented by Major Bartlett, July 25, 1857. See P. Z. S. 1860, p. 126.
c, *d*. Females. Born in the Menagerie, May 27, 1858.
e, *f*. Females. Born in the Menagerie, May 25, 1859.
g, *h*. Males. Born in the Menagerie, June 6, 1861.
i, *j*. Males. Born in the Menagerie, July 14, 1862.
k. Female. Purchased, June 3, 1863.
l. Male. Presented by Capt. Archibald, April 7, 1874. From the Salt range of Punjab.
m. Female. Deposited, Sept. 23, 1874.
n. Male. Presented by Commander Garforth, H.M.S. 'Philomel,' July 28, 1875. See P. Z. S. 1875, p. 529.
o. Female. Presented by Col. W. R. Alexander, Dec. 31, 1878. From Upper Sind.

517. *Ovis blanfordi*, Hume. Blanford's Wild Sheep.

Hab. Afghanistan.

a. Male. Presented by Capt. W. Cotton, F.Z.S., Feb. 26, 1881. See P. Z. S. 1881, p. 449.

518. *Ovis burrhel*, Blyth. Burrhel Wild Sheep.

Hab. Himalayas.

a. Male. Deposited, March 20, 1877.
b. Male; *c*. Female. Purchased, Feb. 19, 1880.
d. Male. Received in exchange, March 29, 1881.
e. Born in the Menagerie, June 19, 1882.

519. *Ovis tragelaphus*, Desm. Barbary Wild Sheep.
Hab. North Africa.

a. Male. Presented by H.E. Sir John Gaspard Le Marchant, G.C.M.G., March 2, 1861.
b. Female. Received in exchange, July 10, 1861.
c, *d*. Born in the Menagerie, March 16, 1864.
e, *f*. Born in the Menagerie, April 19, 1865.
g, *h*. Females. Born in the Menagerie, March 31, 1866.
i. Born in the Menagerie, March 21, 1868.
j. Male. Born in the Menagerie, April 6, 1869.
k, *l*. Males. Born in the Menagerie, March 22, 1870.
m. Female. Born in the Menagerie, April 4, 1873.
n, *o*. Males; *p*. Female. Born in the Menagerie, April 4, 1873.
q. Female. Presented by Commander Wilkinson, R.N., July 15, 1873.
r. Male; *s*, *t*. Females. Born in the Menagerie, March 19, 1874.
u. Male. Born in the Menagerie, June 10, 1874.
v. Male; *w*. Female. Received in exchange, Feb. 22, 1878.

Family ANTILOCAPRIDÆ.

Genus ANTILOCAPRA.

520. *Antilocapra americana* (Ord.). Pronghorn Antelope. (Fig. 23.)
Hab. North America.

a. Male. Purchased, Jan. 21, 1865. See P. Z. S. 1865. p. 60, pl. III.; also Mr. Bartlett's remarks, *ibid.* p. 718, and Dr. Murie on its anatomy, P. Z. S. 1870, p. 334.
b. Female. Purchased, Feb. 22, 1872. See P. Z. S. 1872, p. 495.
c. Male; *d*. Female. Purchased, Dec. 4, 1879.
e. Male. Purchased, July 8, 1882.

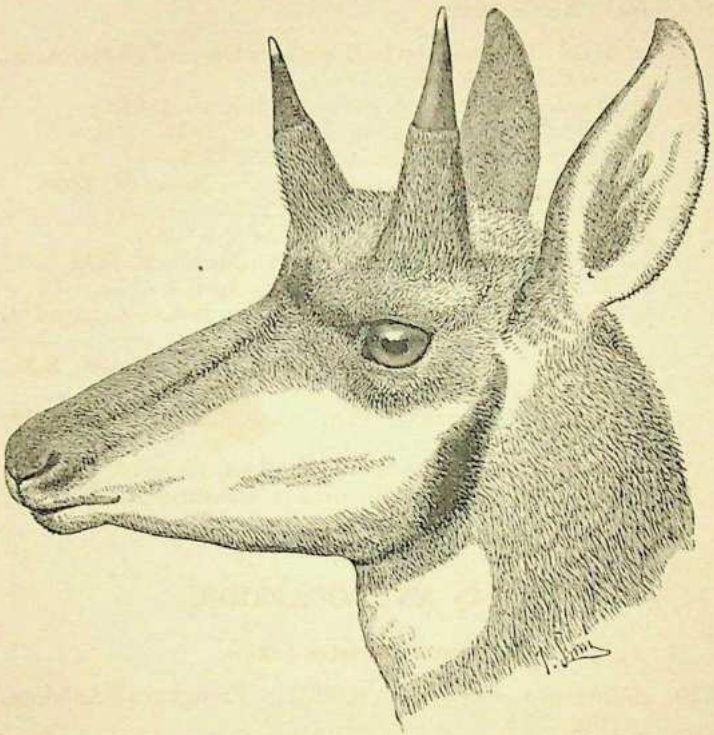
Family GIRAFFIDÆ.

Genus GIRAFFA.

521. *Giraffa camelopardalis* (Linn.). Giraffe.
Hab. Africa.

a. Female. Imported, May 24, 1836. Died Oct. 15, 1852.
b. Male. Imported, May 24, 1836. Died Oct. 29, 1846.

Fig. 23.



Head of *Antilocapra americana*. (P. Z. S. 1880, p. 540.)

c. Male. Imported, May 24, 1836. Died Jan. 14, 1849.
d. Male. Imported, May 24, 1836. Died Jan. 6, 1837.
e. Male. Born in the Menagerie, June 19, 1839. Died June 28, 1839.
f. Male. Born in the Menagerie, May 24, 1841. Presented to the Dublin Zoological Society, June 14, 1844.
g. Male. Born in the Menagerie, Feb. 25, 1844. Died Dec. 30, 1853.
h. Male. Born in the Menagerie, April 22, 1846. Died Jan 22, 1867.
i. Male. Born in the Menagerie, Feb. 12, 1849. Sold April 27, 1850.
j. Female. Imported, June 29, 1849. Died Nov. 3, 1856.
k. Female. Imported, June 29, 1849. Sold Oct. 29, 1853.
l. Male. Born in the Menagerie, March 30, 1852. Sold March 29, 1853.

m. Female. Born in the Menagerie, April 25, 1853. Died May 21, 1872.
n. Female. Born in the Menagerie, May 7, 1855. Died Nov. 6, 1866.
o. Female. Born in the Menagerie, July 16, 1859. Died Dec. 2, 1859.
p. Female. Born in the Menagerie, May 26, 1861. Sold May 1, 1863.
q. Male. Born in the Menagerie, Oct. 7, 1861. Sold Dec. 18, 1861.
r. Male. Born in the Menagerie, May 8, 1863. Died Nov. 18, 1863.
s. Male. Born in the Menagerie, Sept. 24, 1863. Died April 21, 1864.
t. Male. Born in the Menagerie, March 31, 1865. Died April 3, 1865.
u. Female. Born in the Menagerie, April 20, 1865. Sold May 31, 1866.
v. Male. Born in the Menagerie, Sept. 14, 1866. Died Nov. 6, 1866.
w. Male. Born in the Menagerie, March 17, 1867. See P. Z. S. 1867, p. 391.
x. Female. Purchased, July 23, 1867. Died Sept. 12, 1869.
y. Male. Purchased, Jan. 5, 1871. Died April 27, 1874.
z. Female. Purchased, Oct. 11, 1871. See P. Z. S. 1872, p. 184. Died May 21, 1878.
a^1. Male; b^1, c^1. Females. Purchased, July 25, 1874. See P. Z. S. 1874, p. 494. Male died Jan. 8, 1879.
d^1. Male. Purchased, Jan. 27, 1879. See P. Z. S. 1879, p. 108.

Family CERVIDÆ.

Subfamily MOSCHINÆ.

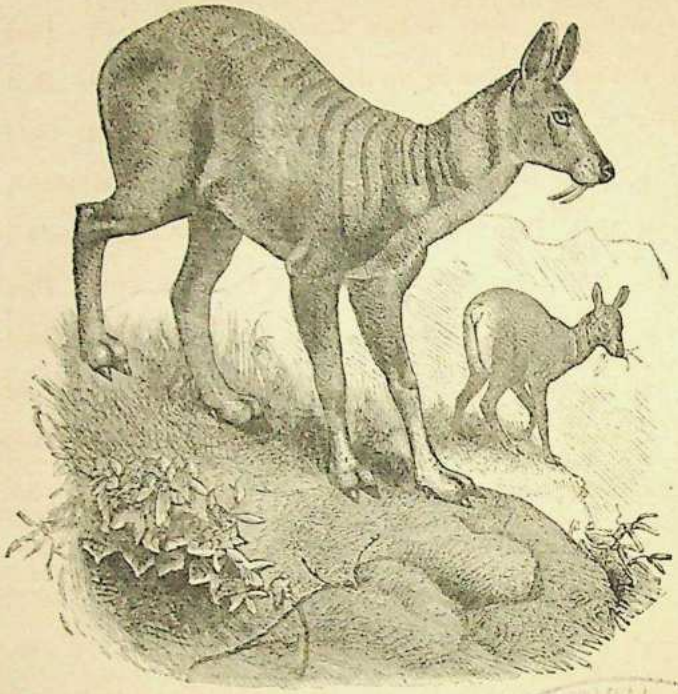
Genus MOSCHUS.

522. *Moschus moschiferus*, Linn. Musk-Deer. (Fig. 24.)

Hab. Central Asia.

a. Female. Presented by Col. F. R. Pollock, March 31, 1869. See P. Z. S. 1869, p. 276. From Cashmere. Died Oct. 27, 1869. See Flower, P. Z. S. 1875, p. 159.
b. Male; *c*. Female. Presented by Sir Richard Pollock, K.C.S.I., F.Z.S., Dec. 15, 1877. See P. Z. S. 1878, p. 1.

Fig. 24.



Moschus moschiferus.

ZOOLOGICAL GARDENS
1875.
CALCUTTA

Subfamily CERVINÆ.

Genus CERVULUS.

523. *Cervulus muntjac*, Zimm. Indian Muntjac.

Hab. India.

a. Received in exchange, March 28, 1862. From Java.
b. Male. Purchased, Nov. 6, 1874. From Saigon. See P. Z. S. 1874, p. 665.
c. Male; *d*. Female. Purchased, March 10, 1875. See P. Z. S. 1875, p. 421.
e. Female. Born in the Menagerie, Nov. 23, 1876.
f. Female. Born in the Menagerie, July 20, 1877.
g. Male. Born in the Menagerie, Feb. 27, 1878.
h. Born in the Menagerie, June 14, 1878.
i. Female. Born in the Menagerie, Oct. 13, 1878.

524. *Cervulus lacrymans*, Milne-Edw. Crying Muntjac.

Hab. China.

a, *b*. Males. Purchased, May 29, 1874. See under *Cervulus sclateri*, P. Z. S. 1874, p. 40, pl. VIII., and 1875, p. 422. From Ningpo.
c. Male. Deposited, March 23, 1876.
d. Male. Presented by W. H. Medhurst, Esq., April 7, 1876.
e. Male. Deposited, June 19, 1876.
f. Hybrid between this species and *Cervulus muntjac* ♀. Born in the Menagerie, Feb. 8, 1881.
g. Male. Hybrid between this species and *Cervulus muntjac* ♀. Born in the Menagerie, Oct. 3, 1881.
h. Hybrid between this species and *Cervulus muntjac* ♀. Born in the Menagerie, July 19, 1882.

525. *Cervulus reevesi*, Ogilby. Reeves's Muntjac.

Hab. China.

a. Male; *b*. Female. From Formosa. Deposited, Aug. 19, 1867, and subsequently purchased.
c. Female. Deposited, April 15, 1872.
d. Female. Presented by A. Michie, Esq., Sept. 13, 1873. From Ningpo.
e. Female. Purchased, Feb. 27, 1874 (*Cervulus micrurus*, Scl.). See P. Z. S. 1875, p. 421.
f. Male. Purchased, May 29, 1874. See P. Z. S. 1875, p. 431, pl. LI. fig. 1.
g. Female. Born in the Menagerie, July 13, 1874.
h. Female. Born in the Menagerie, May 27, 1875. See P. Z. S. 1875, p. 422, pl. LI. fig. 2.
i. Male. Born in the Menagerie, Sept. 13, 1875.
j. Female. Born in the Menagerie, July 30, 1875.
k. Male. Born in the Menagerie, July 14, 1876.
l. Female. Born in the Menagerie, June 1, 1877.
m. Female. Born in the Menagerie, July 1, 1878.
n. Female. Born in the Menagerie, April 20, 1879.
o. Female. Born in the Menagerie, April 29, 1879.
p. Male. Born in the Menagerie, Nov. 28, 1879.
q. Female. Born in the Menagerie, June 29, 1880.
r. Male. Born in the Menagerie, Sept. 13, 1880.
s. Male. Born in the Menagerie, May 1, 1881.
t. Male. Born in the Menagerie, July 7, 1881.

Genus Elaphodus.

526. *Elaphodus michianus* (Swinhoe). Michie's Tufted Deer. (Fig. 25.)

Hab. China.

a. Male. Purchased, Feb. 12, 1876. See *Lophotragus michianus*, P. Z. S. 1874, p. 452, pl. xlix., and P. Z. S. 1876, p. 273. For anatomy of this animal, see Garrod, P. Z. S. 1876, p. 757.
b. Male. Purchased, Oct. 15, 1878. See P. Z. S. 1878, p. 790.
c. Male. Deposited, May 27, 1879.
d. Male. Purchased, Aug. 25, 1880.

Fig. 25.

Elaphodus michianus ♂. (P. Z. S. 1876, p. 273.)

Genus Cervus*.

527. *Cervus elaphus*, Linn. Red Deer.

Hab. Europe.

a. Male. Presented by the Viscount Hill, F.Z.S., Feb. 29, 1860. (*Cervus barbarus*.)
b. Female. Received in exchange, March 14, 1862. (*C. barbarus*.)
c. Male; *d*. Female. Presented by Sir John Gaspard Le Marchant, G.C.M.G., Governor of Malta, Dec. 5, 1864. (*C. barbarus*.)
e. Female. Born in the Menagerie, May 19, 1867. (*C. barbarus*.)
f. Purchased, March 6, 1868.
g. Presented by Capt. G. G. Munro, Aug. 4, 1868.
h. Female. Presented by the Lord Herbrand Russell, F.Z.S., June 5, 1874.
i. Female. Presented by V. H. Vaughan Lee, Esq., M.P., May 23, 1875.
j. Female. Presented by S. Carter, Esq., Aug. 14, 1875.
k. Male. Presented by C. W. Ansdell, Esq., April 16, 1878.
l. Born in the Menagerie, Sept. 1, 1878.
m. Male. Hybrid between this species and *C. barbarus*. Born in the Menagerie, Aug. 6, 1879.
n. Male. Born in the Menagerie, June 28, 1880.
o. Born in the Menagerie, May 30, 1882.

528. *Cervus maral*, Gray. Persian Deer.

Hab. Persia.

a. Male; *b*. Female. Presented by the Earl of Ducie, F.Z.S., March 12, 1856.
c. Female. Born in the Menagerie, Aug. 23, 1858.
d. Male. Born in the Menagerie, Oct. 10, 1863.
e. Male. Born in the Menagerie, July 9, 1865.
f. Male. Born in the Menagerie, Aug. 29, 1865.
g. Male. Born in the Menagerie, Aug. 1, 1866.
h. Male. Born in the Menagerie, Aug. 6, 1867.
i. Female. Born in the Menagerie, Sept. 19, 1868.
j. Male. Born in the Menagerie, July 15, 1870.

529. *Cervus cashmeerianus*, Falc. Cashmirian Deer.

Hab. Cashmir.

a. Male. Presented by Capt. M. H. S. Lloyd, H.M. 89th Regt., Nov. 24, 1865. Specimen figured Trans. Zool. Soc. vii. pl. xxx.

* On the Deer of the Old World living in the Society's Menagerie, consult Sclater, Trans. Zool. Soc. vii. p. 333.

530. *Cervus canadensis,* Schreb. Wapiti Deer.

Hab. North America.

a. Female. Born in the Menagerie, Sept. 17, 1851.
b. Female. Born in the Menagerie, July 25, 1853.
c. Male. Born in the Menagerie, Aug. 15, 1856.
d. Male. Var. *occidentalis*, H. Smith. Purchased, April 16, 1863. From Oregon.
e. Male. Born in the Menagerie, May 31, 1864.
f. Male. Born in the Menagerie, June 16, 1864.
g. Female. Born in the Menagerie, Aug. 17, 1865.
h. Female. Born in the Menagerie, Sept. 5, 1865.
i. Female. Born in the Menagerie, Sept. 8, 1867.
j. Female. Born in the Menagerie, Oct. 2, 1867.
k. Born in the Menagerie, Aug. 3, 1872.
l. Male. Purchased, June 5, 1873.
m. Female. Born in the Menagerie, June 20, 1874.
n. Male; *o.* Female. Deposited, May 15, 1875.
p. Born in the Menagerie, Sept. 2, 1875.
q. Female. Born in the Menagerie, Sept. 18, 1875.
r. Female. Born in the Menagerie, July 17, 1877.
s. Male. Born in the Menagerie, July 29, 1877.
t. Female. Born in the Menagerie, Aug. 5, 1878.
u. Female. Born in the Menagerie, June 17, 1880.
v. Female. Born in the Menagerie, June 29, 1881.
w. Female. Born in the Menagerie, Sept. 16, 1882.

531. *Cervus luehdorfi,* Bolau. Luhdorf's Deer.

Hab. Amoorland.

a. Male. Purchased, May 30, 1880. Born in the Zoological Gardens, Hamburgh, Aug. 17, 1877. See P. Z. S. 1880, p. 451.

532. *Cervus mantchuricus,* Swinhoe. Mantchurian Deer.

Hab. Northern China.

a. Male. Presented by R. Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, July 4, 1864. See P. Z. S. 1865, p. 1; specimen figured Trans. Zool. Soc. vii. pls. XXXI., XXXII.
b. Male. Presented by T. R. Wheelock, Esq., March 18, 1872.
c. Female. Received in exchange, Aug. 20, 1872. See P. Z. S. 1872, p. 794.
d. Female. Deposited, Aug. 16, 1872.
e. Female. Purchased, Feb. 22, 1863.
f. Male. Presented by Abel J. Gower, Esq., Aug. 28, 1874.
g. Female. Purchased, Nov. 9, 1878.

533. *Cervus sika*, Temm. Japanese Deer.

Hab. Japan.

a. Male ; *b*. Female. Presented by J. Wilks, Esq., July 21, 1869. Types of *Rusa javanica*, Gray, Ann. N. H. ser. 3, vi. p. 218. See Sclater, P. Z. S. 1860, p. 375, and 1862, p. 150.
c. Female. Purchased, June 5, 1861.
d. Female. Born in the Menagerie, Sept. 5, 1862.
e. Female. Born in the Menagerie, Aug. 2, 1863.
f. Born in the Menagerie, July 8, 1864.
g. Born in the Menagerie, June 8, 1865.
h. Born in the Menagerie, June 26, 1865.
i. Born in the Menagerie, June 3, 1866.
j. Born in the Menagerie, June 8, 1866.
k. Male. Born in the Menagerie, June 8, 1867.
l. Male. Born in the Menagerie, July 16, 1867.
m. Born in the Menagerie, June 13, 1868.
n. Born in the Menagerie, Aug. 5, 1868.
o. Male. Born in the Menagerie, June 12, 1869.
p. Male. Born in the Menagerie, June 24, 1869.
q. Female. Born in the Menagerie, July 27, 1870.
r. Male. Received in exchange, March 31, 1871.
s. Male. Born in the Menagerie, July 2, 1871.
t. Male. Born in the Menagerie, June 7, 1872.
u. Female. Received in exchange, Aug. 20, 1872.
v. Male. Purchased, Feb. 27, 1874. From Newchang, North China. Type of *Cervus euopis*, Swinhoe. See P. Z. S. 1874, p. 151.
w. Born in the Menagerie, Nov. 26, 1876.
x. Male; *y*, *z*. Females. Presented by the Viscount Powerscourt, F.Z.S., March 6, 1879.
a^1. Male. Born in the Menagerie, July 7, 1879.
b^1. Born in the Menagerie, June 11, 1880.
c^1. Female. Born in the Menagerie, June 21, 1880.
d^1. Male. Born in the Menagerie, June 5, 1881.
e^1. Born in the Menagerie, June 10, 1881.
f^1, g^1. Males. Born in the Menagerie, June 6, 1882.

534. *Cervus taëvanus*, Swinhoe. Formosan Deer.

Hab. Island of Formosa.

a. Male. Presented by R. Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, Dec. 9, 1861. See *Cervus taëvanus*, P. Z. S. 1862, p. 150, pl. xvi., and P. Z. S. 1871, p. 237.
b. Presented by J. J. Broadwood, Esq., June 23, 1865.
c. Female. Purchased, Feb. 10, 1866.
d. Male. Purchased, Jan. 28, 1867.
e, *f*. Males. Purchased, April 13, 1867.

g. Male; *h*. Female. Presented by John Fleming, Esq., F.Z.S., June 14, 1867.
i. Born in the Menagerie, July 21, 1868.

535. *Cervus davidianus*, Milne-Edwards. Père David's Deer.

Hab. Northern China.

a. Male; *b*. Female. Presented by H.E. Sir R. Alcock, K.C.B., C.M.Z.S., Aug. 2, 1869. See P.Z.S. 1869, p. 468.

536. *Cervus duvaucelli*, Cuv. Barasingha Deer.

Hab. Himalaya.

a. Female. Purchased, Oct. 26, 1851.
b. Female. Born in the Menagerie, July 17, 1858.
c. Male. Born in the Menagerie, Aug. 26, 1861.
d. Female. Deposited, Dec. 5, 1863.
e. Male. Born in the Menagerie, June 13, 1864.
f. Male. Received in exchange, Dec. 1, 1873.

537. *Cervus schomburgki* (Blyth). Schomburgk's Deer. (Fig. 26, p. 166.)

Hab. Siam.

a. Male. Received in exchange, Dec. 1, 1873.
b. Male. Purchased, May 30, 1880.

538. *Cervus eldi*, M'Clelland. Panolia Deer.

Hab. British Burmah.

a. Male. Presented by A. Grote, Esq., F.Z.S., Aug. 6, 1867. See P.Z.S. 1867, p. 821; specimen figured Trans. Zool. Soc. vii. pls. xxxvii., xxxviii.

539. *Cervus aristotelis*, Cuv. Sambur Deer.

Hab. India.

a. Female. Born in the Menagerie, 1852.
b. Female. Born in the Menagerie, 1855.
c. Male. Born in the Menagerie, Aug. 1, 1862.
d. Male. Born in the Menagerie, April 30, 1863.
e. Born in the Menagerie, March 13, 1865.
f. Male. Born in the Menagerie, March 26, 1865.
g–i. Presented by Her Majesty the Queen, April 13, 1865.
j. Female. Received in exchange, July 5, 1865.
k. Female. Born in the Menagerie, Nov. 17, 1865.
l. Male. Born in the Menagerie, May 31, 1866.

m. Female. Born in the Menagerie, June 3, 1867.
n. Female. Presented by Capt. Clinck, Oct. 30, 1867.
o. Born in the Menagerie, Feb. 25, 1868.
p. Male. Born in the Menagerie, Feb. 27, 1871.
q. Male; *r*. Female. Presented by J. Kemp Welch, Esq., Aug. 9, 1872.
s. Male. Presented by the Hon. Justice Jackson, April 10, 1874.
t. Male. Purchased, July 23, 1875.
u. Male. Presented by H.R.H. The Prince of Wales, K.G., July 12, 1877.
v. Male; *w*. Female. Received in exchange, March 7, 1878.
x. Male. Born in the Menagerie, Feb. 27, 1879.
y. Presented by W. H. Stevenson, Esq., Feb. 4, 1880.
z. Female. Born in the Menagerie, March 28, 1880.
a^1. Female. Born in the Menagerie, March 24, 1881.
b^1. Female. Born in the Menagerie, April 9, 1882.

Fig. 26.

Head of *Cervus schomburgki*. (P. Z. S. 1877, p. 682.)

540. *Cervus equinus*, Cuv. Equine Deer.

Hab. Borneo.

a. Male; *b*. Female. Purchased, June 19, 1867.
c. Female. Born in the Menagerie, April 11, 1869.

541. *Cervus swinhoii*, Sclater. Swinhoe's Deer.

Hab. Island of Formosa.

a. Male. Presented by R. Swinhoe, Esq., F.Z.S., April 28, 1862. See P. Z. S. 1862, p. 150; specimen figured, *ibid.* pl. XVII.
b. Male. Presented by Robert Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, Sept. 4, 1862.
c. Female. Presented by Robert Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, Sept. 24, 1867. See P. Z. S. 1867, p. 818.
d. Male. Purchased, Feb. 21, 1868.

542. *Cervus philippinus*, H. Smith. Philippine Deer.

Hab. Philippine Islands.

a. Male. Purchased, June 17, 1875. See Brooke, P. Z. S. 1877, p. 51, pl. VIII.

543. *Cervus nigricans*, Brooke. Blackish Deer.

Hab. Philippine Islands.

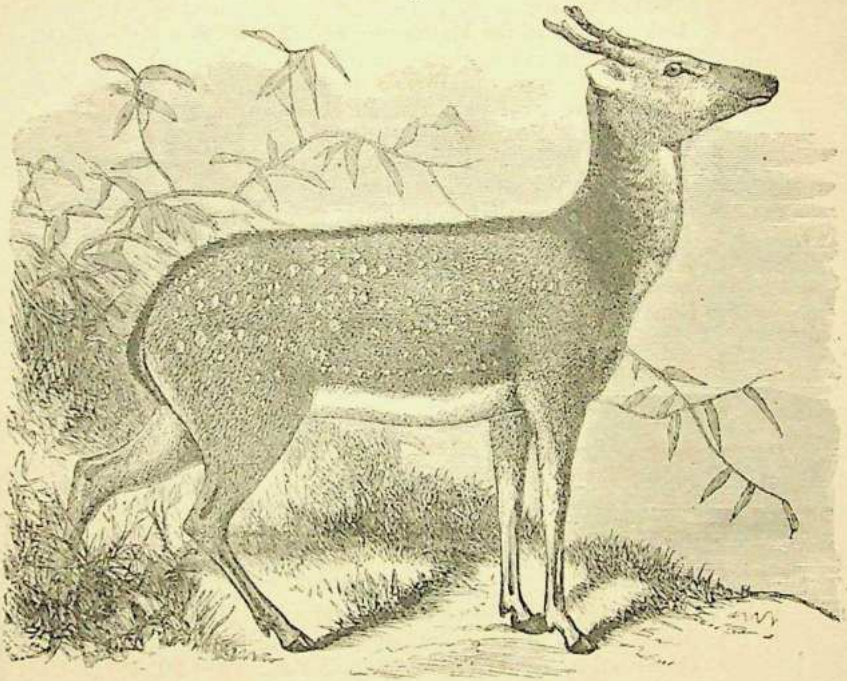
a. Female. Purchased, April 13, 1870. See P. Z. S. 1870, p. 279. Type of *C. nigricans*, Brooke, P. Z. S. 1877, p. 57, pl. IX.

544. *Cervus alfredi*, Sclater. Prince Alfred's Deer. (Fig. 27, p. 168.)

Hab. Philippine Islands.

a. Male. Presented by H.R.H. The Duke of Edinburgh, May 5, 1870. Specimen figured and described, P. Z. S. 1870, p. 381, pl. XXVIII. See also Sclater, P. Z. S. 1871, p. 237.
b. Female. Received in exchange, April 1, 1871. See P. Z. S. 1871, p. 448.
c. Hybrid between this species and *Cervus nigricans* ♀. Born in the Menagerie, Dec. 26, 1871.
d. Female. Born in the Menagerie, Dec. 27, 1871. See P. Z. S. 1872, p. 24.
e. Male. Hybrid between this species and *Cervus nigricans* ♀. Born in the Menagerie, Dec. 29, 1872.
f. Male. Born in the Menagerie, March 27, 1873.
g. Male. Born in the Menagerie, April 30, 1874.
h. Male. Born in the Menagerie, Dec. 1, 1875.

Fig. 27.



Cervus alfredi ♂. (Nature, ii. p. 147.)

545. *Cervus kuhlii,* Müller. Kuhl's Deer.

Hab. Bavian Islands.

a. Male; *b.* Female. Purchased of the Royal Zoological Society of Amsterdam, July 5, 1865. *Cf.* notice, P. Z. S. 1863, p. 224.
c. Male. Purchased, May 31, 1875.

546. *Cervus porcinus,* Zimm. Hog Deer.

Hab. India.

a. Female. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, April 11, 1859.
b. Male. Born in the Menagerie, March 9, 1861.
c. Female. Purchased, Dec. 18, 1864.
d. Male. Born in the Menagerie, Feb. 23, 1866.
e. Deposited, July 6, 1866.
f. Born in the Menagerie, Nov. 10, 1866.

g. Male. Presented by Capt. H. T. Thomson, 57th Regt., Oct. 29, 1867.
h. Male. Born in the Menagerie, Feb. 28, 1869.
i. Male. Born in the Menagerie, Feb. 7, 1870.
j. Female. Born in the Menagerie, June 5, 1871.
k. Male. Presented by E. W. H. Holdsworth, F.Z.S., July 18, 1871. From Ceylon. See P. Z. S. 1871, p. 625.
l. Presented by H. Hughes, Esq., March 3, 1875.
m. Male. Born in the Menagerie, July 6, 1875.
n. Male. Born in the Menagerie, Sept. 21, 1876.
o. Male. Born in the Menagerie, Jan. 23, 1878.
p, *q*. Females. Received in exchange, March 30, 1878.
r. Female. Presented by Lord Ilchester, Dec. 4, 1880.
s. Born in the Menagerie, Oct. 8, 1881.

547. *Cervus minor*, Hodgs. Spotted Hog Deer.

Hab. India.

a. Male. Presented by H.R.H. The Prince of Wales, K.G., July 12, 1877. See P. Z. S. 1876, p. 463.

548. *Cervus hippelaphus*, Cuv. Rusa Deer.

Hab. Java.

a. Female. Received in exchange, March 1, 1851.
b. Male. Born in the Menagerie, Oct. 10, 1857.
c. Presented by A. A. Fraser, Esq., F.Z.S., April 20, 1877.

549. *Cervus timoriensis*, Blainv. Timor Deer.

Hab. Timor.

a. Male; *b*. Female. Presented by Capt. Lewis Brayley, Dec. 13, 1864.

550. *Cervus moluccensis*, Müll. Molucca Deer.

Hab. Molucca Islands.

a. Female. Purchased, June 18, 1862.
b. Male. Purchased, Sept. 16, 1863.
c. Male. Born in the Menagerie, Dec. 11, 1863.
d. Male. Born in the Menagerie. Nov. 8, 1864.
e. Born in the Menagerie, Sept. 30, 1865.
f. Born in the Menagerie, Oct. 30, 1867.
g. Male; *h*. Female. Purchased, May 26, 1873.
i. Male. Born in the Menagerie, Nov. 9, 1873.
j. Male. Purchased, Jan. 2, 1874.
k. Male. Born in the Menagerie, Feb. 5, 1874.
l. Male. Born in the Menagerie, May 5, 1875.

m. Male. Born in the Menagerie, May 20, 1875.
n. Female. Born in the Menagerie, April 23, 1876.
o. Male. Born in the Menagerie, Sept. 20, 1878.
p. Female. Born in the Menagerie, Nov. 25, 1880.
q. Female. Born in the Menagerie, Dec. 30, 1881.
r. Female. Born in the Menagerie, Dec. 21, 1882.

551. *Cervus axis*, Erxl. Axis Deer.

Hab. India.

a. Female. Presented by Richard C. Ansdell, Esq., F.Z.S., May 5, 1859.
b. Male. Born in the Menagerie, Feb. 22, 1862.
c. Female. Presented by J. D. Mullins, Esq., Oct. 9, 1862.
d. Male. Born in the Menagerie, June 18, 1865.
e. Male. Presented by A. Houlder, Esq., Sept. 26, 1866.
f. Purchased, March 20, 1868.
g. Male; *h*. Female. Presented by Mrs. Morrison, Oct. 14, 1869.
i. Born in the Menagerie, April 16, 1870.
j. Male. Born in the Menagerie, Feb. 28, 1872.
k. Presented by Thomas Wright, Esq., 93rd Highlanders, March 30, 1872.
l. Deposited, May 19, 1871.
m. Female. Deposited, Jan. 14, 1873.
n. Male. Born in the Menagerie, Feb. 5, 1873.
o. Female. Born in the Menagerie, Nov. 5, 1873.
p. Male. Born in the Menagerie, Feb. 2, 1874.
q. Female. Presented by the Hon. Justice Jackson, April 10, 1874.
r. Male. Born in the Menagerie, Sept. 8, 1874.
s. Born in the Menagerie, Aug. 26, 1875.
t–w. Male. Born in the Menagerie, July 25, 1876.
x. Deposited, July 9, 1877.
y. Male. Born in the Menagerie, Aug. 2, 1877.
z. Male. Born in the Menagerie, Sept. 20, 1877.
a^1. Female. Deposited, Nov. 2, 1877.
b^1. Male; c^1. Female. Presented by Dr. Carl Siemens, Dec. 10, 1877.
d^1. Female. Born in the Menagerie, May 29, 1878.
e^1 Female. Born in the Menagerie, Aug. 4, 1878.
f^1. Male. Born in the Menagerie, May 30, 1879.
g^1. Female. Born in the Menagerie, July 1, 1879.
h^1. Male. Purchased, Nov. 6, 1879.
i^1. Female. Born in the Menagerie, May 8, 1880.
j^1. Female. Born in the Menagerie, May 26, 1880.
k^1. Male. Born in the Menagerie, June 7, 1880.
l^1. Male. Born in the Menagerie, June 15, 1880.
m^1. Male. Born in the Menagerie, Feb. 14, 1882.

Genus Dama.

552. *Dama vulgaris,* Gray. Fallow Deer.
Hab. Europe.

a. Male. Deposited, 1863.
b. Male. Presented by Mrs. Randal Callander, Dec. 7, 1864. From the Island of Rhodes.
c. Female. Purchased, Dec. 29, 1865.
d. Male. Presented by Miss Jane Anne Brooke, Jan. 3, 1873.
e. Female. Born in the Menagerie, July 4, 1875.
f. Female. Presented by L. Hirsch, Esq., Feb. 24, 1880.

553. *Dama mesopotamica* (Brooke). Mesopotamian Fallow Deer.
Hab. Persia.

a. Male. Purchased, May 28, 1877. See P. Z. S. 1875, p. 261, pl. xxxviii., and 1877, p. 531.
b. Hybrid between this species and *D. vulgaris.* Born in the Menagerie, July 9, 1878.
c. Female. Purchased, Oct. 31, 1878. See P. Z. S. 1878, p. 790.
d. Female. Born in the Menagerie, Aug. 4, 1880.
e. Female. Hybrid between this species and *Cervus dama* ♀. Born in the Menagerie, Sept. 3, 1880.
f. Male. Hybrid between this species and *Cervus dama* ♀. Born in the Menagerie, Oct. 5, 1881.
g. Female. Presented by Lord Lilford, F.Z.S., Oct. 14, 1881.

Genus Alces.

554. *Alces machlis,* Ogilby. Moose.
Hab. Northern Europe and North America.

a. Female. Presented by E. N. Hurt, Esq., F.Z.S., Dec. 4, 1857.
b–d. Males. Deposited, Dec. 28, 1875. See P. Z. S. 1876, p. 1.
e. Male. Purchased, Oct. 25, 1877.

Genus Hydropotes.

555. *Hydropotes inermis,* Swinhoe. Chinese Water-Deer.
Hab. China.

a. Male. Presented by R. Swinhoe, Esq., F.Z.S., May 8, 1873. See P. Z. S. 1873, p. 517. For anatomy, see Garrod, P. Z. S. 1877, p. 789.

b. Female. Purchased, Jan. 1, 1874. See P.Z.S. 1874, p.110.
c. Male. Deposited, Feb. 27, 1874.
d. Deposited, July 13, 1875.
e. Male. Received in exchange, April 3, 1879.
f. Male. Received in exchange, Nov. 6, 1880.

Genus Capreolus.

556. *Capreolus capræa* (Gray). Common Roe.

Hab. Europe.

a. Female. Presented by Benjamin F. Turner, Esq., July 7, 1869.
b. Male. Presented by J. Edersheim, Esq., Jan. 16, 1874. From Finland.
c. Female. Presented by F. Hillel, Esq., Jan. 13, 1874. From Finland.
d. Male. Presented by Edward Jones, Esq., Oct. 3, 1878.

557. *Capreolus pygargus* (Pallas). White-rumped Roe-Deer.

Hab. Eastern Asia.

a, *b*. Females. Received in exchange, April 3, 1879. See P.Z.S. 1879, p. 384.

Genus Cariacus.

558. *Cariacus virginianus*, Gm. Virginian Deer.

Hab. North America.

a. Male. Purchased, Aug. 27, 1861.
b. Born in the Menagerie, July 2, 1865.
c. Hybrid between this species and *Cervus mexicanus*. Born in the Menagerie, Sept. 9, 1865.
d–f. Purchased, March 13, 1868.
g. Born in the Menagerie, July 1, 1869.
h. Male; *i*. Female. Received in exchange, Feb. 19, 1873.
j. Female. Presented by Capt. Bennett, May 17, 1873.
k. Male. Born in the Menagerie, May 21, 1873.
l. Male. Presented by N. M. Bateson, Esq., March 15, 1874.
m. Male. Born in the Menagerie, June 27, 1874.
n. Female. Presented by Capt. E. N. Cobbett, Nov. 27, 1874.
o. Female. Born in the Menagerie, June 6, 1875.
p. Female. Deposited, May 4, 1877.
q. Male; *r*. Female. Purchased, June 16, 1880.

559. *Cariacus mexicanus*, H. Smith. Mexican Deer.

Hab. Mexico.

a. Male. Presented by A. Newton, Esq., F.Z.S., Sept. 3, 1857. From St. Croix, West Indies.
b. Female. Presented by Edward Sheldon, Esq., June 24, 1863. From Yucatan.
c. Female. Born in the Menagerie, Aug. 13, 1864.
d. Male; *e*. Female. Born in the Menagerie, Oct. 4, 1866.
f. Born in the Menagerie, June 7, 1868.
g. Born in the Menagerie, July 2, 1868.
h. Male; *i*. Female. Born in the Menagerie, June 22, 1869.
j. Born in the Menagerie, May 18, 1871.
k. Presented by R. B. Lambe, Esq., July 25, 1871. From St. Croix.
l, *m*. Males; *n*. Female. Purchased, Dec. 1, 1872. From Vera Cruz.
o. Male. Presented by J. W. Isaacson, Esq., Oct. 22, 1873.
p. Female. Purchased, Oct. 25, 1873.
q. Male; *r*. Female. Purchased, Oct. 2, 1875.
s. Male. Presented by T. B. Forwood, Esq., June 7, 1876.
t. Female. Presented by Cyril Graham, Esq., Jan. 5, 1878. From Venezuela.
u. Female. Presented by A. Scrutton, Esq., July 31, 1878.
v. Male. Hybrid between this species and *C. virginianus* ♀. Born in the Menagerie, June 19, 1879.

560. *Cariacus macrotis* (Say). Mule Deer.

Hab. North America.

a. Male. Presented by Judge Caton, March 12, 1879. See P. Z. S. 1879, p. 308.
b. Male. Presented by H. H. Carter, Esq., July 18, 1879.
c. Female. Presented by E. N. Carter, Esq., July 18, 1879. Wyoming Territory, U.S.A. See P. Z. S. 1879, p. 664.
d. Female. Presented by Dr. J. D. Caton, Feb. 15, 1882.

561. *Cariacus gymnotis*, Wiegmann. Naked-eared Deer.

Hab. Ecuador.

a. Female. Presented by C. Cooper, Esq., March 29, 1877. From Guayaquil.
b. Female. Purchased, April 1, 1878.
c. Female. Presented by Miss Lake, Oct. 17, 1882.

562. *Cariacus campestris*, F. Cuv. Pampas Deer.

Hab. South America.

a. Male; *b*. Female. Purchased, Dec. 23, 1874. From the Argentine Republic. See P. Z. S. 1875, p. 1.
c. Female. Born in the Menagerie, May 5, 1875.
d. Male. Presented by Capt. Hairby, Nov. 16, 1875.
e. Male; *f*. Female. Purchased, Nov. 5, 1880.
g. Born in the Menagerie, Aug. 17, 1881.

563. *Cariacus rufus*, F. Cuv. Red Brocket.

Hab. Brazil.

a. Male; *b*. Female. Purchased, May 24, 1872. From Maranham.
c. Female. Received in exchange, June 29, 1874.
d. Female. Purchased, July 7, 1874.
e. Male; *f*,*g*. Female and young. Presented by W. H. Lacy, Esq., April 18, 1879.
h. Presented by W. A. Forbes, Esq., Oct. 16, 1880. From Pernambuco.
i. Male. Presented by H. Sandbach, Esq., May 26, 1882.
j. Male. Deposited, Aug. 28, 1882.

564. *Cariacus nemorivagus*, F. Cuv. Wood-Brocket.

Hab. South America.

a. Purchased, April 5, 1871.
b. Female. Purchased, May 3, 1871.
c. Female. Presented by C. C. Berington, Esq., July 31, 1877. From Trinidad.
d. Male. Presented by Capt. Mackenzie, May 10, 1881.
e. Presented by C. A. Craven, Esq., Aug. 22, 1882.

Genus Furcifer.

565. *Furcifer chilensis* (Gay and Gervais). Gemul Deer.

Hab. Patagonia.

a. Male. Purchased, December 22, 1881. From Patagonia. See P. Z. S. 1882, p. 97.

Genus Pudua.

566. *Pudua humilis* (Benn.). Pudu Deer. (Fig. 28.)

Hab. Chili.

a. Male. Presented by Charles Bath, Esq., Feb. 14, 1866.

Specimen described, P. Z. S. 1866, p. 105, and figured P. Z. S. 1871, p. 238, pl. XVII.

b. Male; *c*. Female. Purchased, April 1, 1878.

Fig. 28.

Pudua humilis ♂. (P. Z. S. 1866, p. 105.)

Genus RANGIFER.

567. *Rangifer tarandus* (Linn.). Reindeer.

Hab. North Europe, Asia, and America.

a, *b*. Males. Presented by H. H. Elder, Esq., June 1, 1866.

c. Male. Presented by Capt. E. Fraser, 60th Royal Rifles, June 27, 1877. Cariboo. From Newfoundland.

d–*f*. Males; *g*, *h*. Females. Deposited, Nov. 5, 1877. From Lapland.

i, *j*. Females. Received in exchange, March 20, 1878.

k. Born in the Menagerie, May 12, 1878.

l. Born in the Menagerie, May 15, 1878.

Family TRAGULIDÆ.

Genus Tragulus.

568. *Tragulus meminna* (Erxl.). Indian Chevrotain.

Hab. India.

a. Presented by Capt. H. W. Hire, R.N., of H.M.S. 'Orontes,' March 17, 1867.
b. Presented by W. H. Ravenscroft, Esq., May 7, 1880.
c. Purchased, April 7, 1881.
d. Presented by the Hon. John Stoddart, Sept. 2, 1882. From Ceylon.

569. *Tragulus javanicus* (Pall.). Javan Chevrotain.

Hab. Java.

a. Presented by James A. Gardner, Esq., April 24, 1866.
b. Purchased, May 3, 1867.
c, *d*. Presented by Russel Sturgess, Esq., F.Z.S., Dec. 24, 1868.
e. Female. Presented by J. Deacon, Esq., April 16, 1869.
f. Female. Presented by B. C. Nicholson, Esq., July 9, 1869.
g. Male. Presented by H. H. Gideon, Esq., Jan. 8, 1870.
h. Born in the Menagerie, Nov. 9, 1870.
i. Presented by S. M. Soutter, Esq., Jan. 21, 1871.
j. Male; *k*. Female. Presented by G. W. T. Browne, Esq., March 14, 1871.
l. Presented by J. Baker, Esq., Jan. 17, 1873.
m. Female. Presented by G. Mannings, Esq., Aug. 27, 1874.
n, *o*. Presented by Messrs. Hill and Isaacs, R.N., May 15, 1877.
p. Presented by Mr. W. Trent, June 29, 1877.
q. Male. Presented by Mrs. L. Walker, Jan. 15, 1878.
r. Male. Presented by Mrs. L. Dudfield, May 21, 1880.
s. On approval, March 16, 1881.

570. *Tragulus stanleyanus*, Gray. Stanleyan Chevrotain.

Hab. Java.

a, *b*. Females. Purchased, Aug. 10, 1871.
c. Female. Presented by G. R. Mills, Esq., Nov. 6, 1871.
d, *e*. Females. Presented by S. W. Trevor, Esq., Jan. 9, 1873.
f. Male. Presented by Mrs. L. Walker, Jan. 15, 1878.

Genus Hyomoschus.

571. *Hyomoschus aquaticus* (Ogilby). Water-Chevrotain.

Hab. West Africa.

a. Purchased, Dec. 11, 1866. *Cf.* Flower, P. Z. S. 1867, p. 954.
b. Purchased, June 29, 1870.
c. Purchased, July 26, 1870.
d. Purchased, July 9, 1878.
e, *f*. Purchased, June 24, 1881.
g. Purchased, Aug. 12, 1881.
h. Purchased, March 29, 1882.
i. Purchased, May 2, 1882.
j. Purchased, June 16, 1882.
k, *l*. Purchased, Sept. 4, 1882.

Family CAMELIDÆ.

Genus Lama.

572. *Lama huanacos* (Mol.). Huanaco.

Hab. Bolivia.

a. Male; *b*. Female. Presented by W. D. Christie, Esq., F.Z.S., March 16, 1858.
c. Presented by Comm. Pinkerton, S.S. 'Thames,' Aug. 30, 1866.
d. Female. Presented by H. T. Balfour, Esq., Aug. 16, 1869.
e. Male; *f*. Female. Presented by W. G. Parry, Esq., June 18, 1874.
g. Male. Purchased, May 26, 1876.
h. Male; *i*. Female. Deposited, July 3, 1880.
j. Presented by the Marquis of Queensberry, July 13, 1880.

573. *Lama pacos* (Linn.). Alpaca.

Hab. Peru.

a. Female. Received in exchange, May 19, 1849.
b. Male. Received in exchange, Sept. 13, 1860.
c, *d*. Males; *e*, *f*. Females. Deposited, Sept. 26, 1873.
g. Female. Purchased, Dec. 15, 1873.

574. *Lama vicugna* (Mol.). Vicuna.

Hab. South America.

a, *b*. Presented by Charles Bath, Esq., Dec. 19, 1871.

575. *Lama peruana*, Tied. Llama.

Hab. Peru.

a. Male. Received in exchange, April 28, 1860.
b. Female. Purchased, Jan. 21, 1861.
c, *d*. Presented by H.G. The Duke of Wellington, F.Z.S., March 7, 1871.
e, *f*. Females. Deposited, Sept. 26, 1873.

Genus Camelus.

576. *Camelus dromedarius*, Linn. Common Camel.

Hab. Egypt.

a. Male. Presented by His late Highness Ibrahim Pasha, June 29, 1849.
b. Purchased, Jan. 31, 1868.
c. Female. Purchased, Sept. 26, 1869.
d. Male. Deposited, Feb. 25, 1870.
e. Female. Purchased, April 6, 1871.

577. *Camelus bactrianus*, Linn. Bactrian Camel.

Hab. Central Asia.

a. Female. Presented by the Corps of the Royal Engineers, Nov. 18, 1856. Born in the Crimea, 1855. Died, April 30, 1873.
b. Male. Purchased, July 22, 1873.
c. Female; *d*. Female (juv.). Deposited, May 19, 1879.
e. Female. Presented by Col. St. John, F.Z.S., Feb. 24, 1881. From Afghanistan. (Enceinte.)
f. Hybrid between this species and *Camelus dromedarius*. Born in the Menagerie, March 25, 1881.

Family HIPPOPOTAMIDÆ.

Genus Hippopotamus.

578. *Hippopotamus amphibius*, Linn. Hippopotamus.

Hab. Upper Nile.

a. Male. Presented by the late Viceroy of Egypt, May 25, 1850. See P.Z.S. 1851. p. 98. Died March 11, 1878.

b. Female. Presented by the late Viceroy of Egypt, July 22, 1854. Died Dec. 16, 1882.
c. Deposited by John Petherick, Esq., C.M.Z.S. See P. Z. S. 1860, p. 195.
d. Male. Born in the Menagerie, Feb. 21, 1871. See Bartlett, P. Z. S. 1871, p. 255, pl. xx., and 1872, p. 819. Died Feb. 23, 1871.
e. Female. Born in the Menagerie, Jan. 6, 1872. Died Jan. 10, 1872. *Cf.* Garrod, P. Z. S. 1872, p. 821.
f. Female. Born in the Menagerie, Nov. 5, 1872. See P. Z. S. 1872, p. 795.
g. Male. Purchased, June 20, 1877. Born in Amsterdam. See P. Z. S. 1877, p. 680.

Family PHACOCHŒRIDÆ.

Genus PHACOCHŒRUS.

579. *Phacochœrus æthiopicus* (Pall.). Æthiopian Wart-Hog. (Fig. 29.)

Hab. South-eastern Africa.

a, *b*. Purchased, April 20, 1850. See P. Z. S. 1850, p. 78, pl. xvii.
c, *d*. Presented by H.R.H. the Duke of Edinburgh, May 6, 1866. See P. Z. S. 1869, p. 276.
e. Male: *f*. Female. Purchased, March 31, 1881.

Fig. 29.

Head of *Phacochœrus æthiopicus* ♂ ad. (P. Z. S. 1869, p. 277.)
x 2

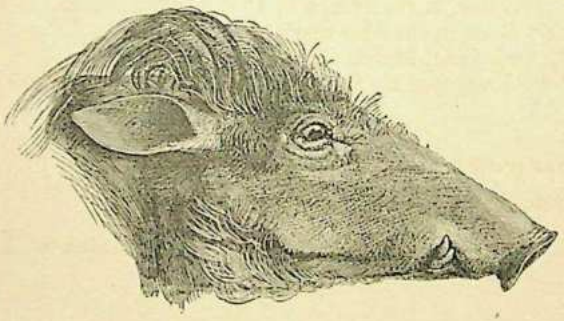
580. *Phacochœrus africanus* (Gm.). Ælian's Wart-Hog. (Fig. 30.)

Hab. Africa.

a. Female. Presented by H.M. The Queen, Jan. 18, 1861 See notice, P. Z. S. 1861, p. 30.

b. Female. Purchased, April 15, 1869. From Zoula, Abyssinia. See notice, P. Z. S. 1869, p. 276, and figure of this animal, pl. xx. This is the type of *Phacochœrus sclateri*, Gray, Ann. N. H. ser. 4. vol. vi. p. 190, and *Sus sclateri*, ej. ibid. p. 263. *Cf.* Sclater, ibid. p. 404, and P. Z. S. 1871, p. 236.

Fig. 30.



Head of *Phacochœrus africanus* ♀ jr. (P. Z. S. 1869, p. 277.)

Family SUIDÆ.

Genus Sus.

581. *Sus scrofa*, Linn. Wild Swine.

Hab. Europe and North Africa.

a. Male. Var. *pliciceps*, Gray. From China. Deposited, June 21, 1862. See Bartlett, P. Z. S. 1861, p. 263.

b. Female. Presented by the Rev. G. Portal, July 3, 1862. From Italy.

c. Presented by A. Christy, Esq., June 6, 1863. From West Africa.

d. Female. Deposited, Jan. 20, 1865. Europe.
e. Male; *f*. Female. Purchased, June 28, 1869.
g. Male. Presented by L. Levinsohn, Esq., July 21, 1869.
h, *i*. Females. Var. *sinensis*. Presented by Alfred G. Stagg, Esq., Feb. 1, 1870. From China.
j. Male. Presented by G. Phillips, Esq., Feb. 22, 1871.
k. Female. Deposited, Aug. 15, 1873.
l. Male. Presented by W. J. Tempest, Esq., May 22, 1874.
m. Male; *n*. Female. Presented by S. Anderson, Esq., Feb. 22, 1875.
o–*q*. Born in the Menagerie, April 5, 1876.
r. Male. Born in the Menagerie, May 13, 1877.
s–*u*. Born in the Menagerie, May 25, 1878.
v. Male; *w*. Female. Presented by Sidney Ringer, Esq., M.D., Jan. 6, 1880. From the Island of Quelpaert, Corea.
x. Male; *y*. Female. Presented by H.R.H. The Prince of Wales, K.G., March 5, 1880. From India.
z–*c*^{1}. Born in the Menagerie, March 8, 1880.
d^1. Deposited, March 22, 1882.
e^1–*i*^{1}. Presented by the Count de Paris, Aug. 18, 1882.

582. *Sus cristatus*, Wagner. Indian Swine.

Hab. India.

a, *b*. Presented by Capt. Gildea, 21st Fusileers, Aug. 24, 1867.

583. *Sus timorensis*, Müller. Timorese Swine.

Hab. Timor.

a. Presented by R. Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, July 2, 1864. From Dampier Straits. See P.Z.S. 1864, p. 168.

584. *Sus andamanensis*, Blyth. Andaman Swine.

Hab. Andaman Islands.

a. Female. Purchased, Feb. 28, 1863.
b. Hybrid. Between this species and *Sus timorensis*. Born in the Menagerie, Dec. 7, 1864.
c–*e*. Presented by Capt. Frain, July 24, 1866.
f–*h*. Born in the Menagerie, July 15, 1867.
Hybrids between this species and *Sus leucomystax*. Born in the Menagerie, July 11, 1874.

585. *Sus papuensis*, Lesson. Papuan Pig.

Hab. Brooker Island, Louisiade Archipelago.

a. Male. Presented by Lieut. De Hoghton, H.M.S. 'Beagle,' Dec. 11, 1880. See P. Z. S. 1881, p. 165.

586. *Sus taivanus*, Swinhoe. Formosan Swine.

Hab. Formosa.

a. Male. Presented by Mr. Gregory, H.B.M.'s Vice-Consul at Tamsuy, Formosa, Jan. 17, 1867. See P. Z. S. 1867, p. 240.
b–d. Deposited, Sept. 26, 1867.
e–g. Born in the Menagerie, Oct. 12, 1867.

587. *Sus leucomystax*, Temm. White-whiskered Swine.

Hab. Japan.

a. Presented by Messrs. Glover & Co., May 30, 1865. See P. Z. S. 1865, p. 466.
b. Female. Presented by Messrs. Vanner, Prest & Syth, April 16, 1867.
c. Presented by H. Gribble, Esq., March 12, 1872. From the Foochoo Islands.
d. Male. Presented by Theodore Hance, Esq., C.M.Z.S., Aug. 6, 1879. From China.

588. *Sus vittatus*, Müll. Javan Swine.

Hab. Java.

a. Received in exchange, March 30, 1860.
b. Received in exchange, Nov. 11, 1860.

Genus Porcula.

589. *Porcula salvania*, Hodgs. Pigmy Hog.

Hab. Western Dooars of Bhotan.

a. Male; *b*, *c*, *d*. Females. Purchased, May 1, 1882. See P. Z. S. 1882, p. 546, pl. xxxvii.

Genus Potamochœrus*.

590. *Potamochœrus africanus* (Schreb.). Southern River-Hog.

Hab. South Africa.

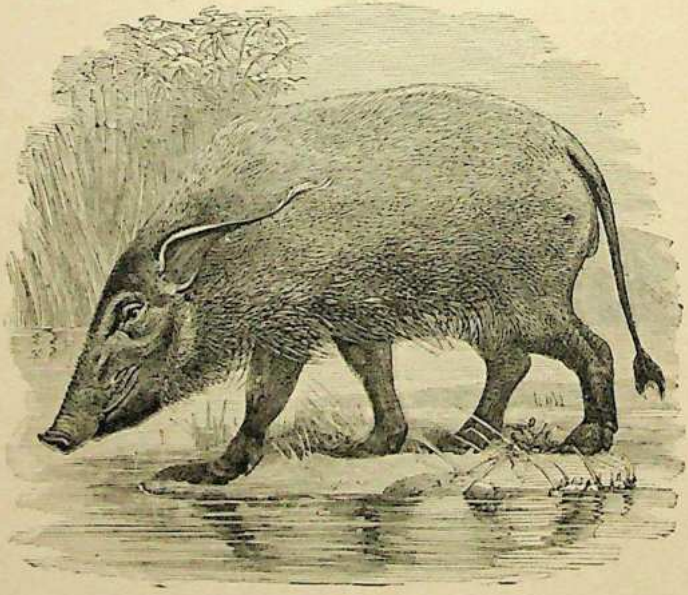
a. Purchased, June 13, 1857. See P. Z. S. 1858, p. 58, pl. LIX.
b. Purchased, Sept. 21, 1880.
c. Male; *d*. Female. Presented by Col. J. H. Bowker, F.L.S., and John Dunn, Esq., Aug. 28, 1882.

591. *Potamochœrus penicillatus* (Schinz). Red River-Hog. (Fig. 31.)

Hab. West Africa.

a, *b*. Females. Born in the Menagerie, June 4, 1858. See

Fig. 31.



Potamochœrus penicillatus.

* For notice of structure of stomach of *Potamochœrus*, see Stewart, P. Z. S. 1860, p. 194; for notice of skull, see Sclater, P. Z. S. 1860, p. 301.

notice of the birth of these individuals, P. Z. S. 1861, p. 62, pl. XII.

c. Male. Presented by M. du Chaillu, Nov. 18, 1864, as typical of his *P. albifrons*. From Gaboon.

d. Born in the Menagerie, July 28, 1867.

e. Male. Presented by C. S. Salmon, Esq., Aug. 14, 1871. From Cape Coast, W. Africa.

f. Male. Received in exchange, July 27, 1877.

g, *h*. Females. Deposited, Dec. 4, 1879.

Genus Babirussa.

592. *Babirussa alfurus*, Less. Babirussa.

Hab. Celebes.

a. Male. Received in exchange, Nov. 11, 1860. See notice and figure, P. Z. S. 1860, p. 443, pl. LXXXIII.

Genus Dicotyles.

593. *Dicotyles tajaçu* (Linn.). Collared Peccary.

Hab. South America.

a. Presented by R. Temple, Esq., April 1860. From Honduras. See P. Z. S. 1860, p. 206.

b. Male. Presented by Andrew Arcedeckne, Esq., F.Z.S., Sept. 28, 1860.

c, *d*. Born in the Menagerie, Dec. 6, 1862.

e. Born in the Menagerie, May 14, 1863.

f. Deposited, June 18, 1863.

g. Born in the Menagerie, Oct. 16, 1863.

h. Presented by T. W. Sharpe, Esq., July 20, 1865.

i. Presented by Mrs. Guy, Sept. 17, 1870.

j. Male. Purchased, April 14, 1872. From Panama.

k. Purchased, Sept. 16, 1872.

l. Deposited, Feb. 28, 1874.

m. Purchased, Oct. 15, 1874.

n. Purchased, Dec. 31, 1874.

o. Presented by C. J. Sims, Esq., Oct. 19, 1876.

p. Presented by Mrs. S. J. Barrett, Oct. 6, 1877

q. Purchased, Feb. 15, 1878.

r. Presented by S. J. Lloyd, Esq., Oct. 9, 1878.

s. Presented by H. Sandbach, Esq., Nov. 22, 1879.

t. Purchased, July 31, 1880.

u. Presented by Mr. E. H. Dance, May 2, 1881.

v. Hybrid between this species and *D. labiatus*. Born in the Menagerie, May 10, 1881.
w. Presented by Capt. W. F. Wardroper, Aug. 26, 1881.
x. Presented by G. H. Hawtayne, Esq., C.M.Z.S., May 19 1882.

594. *Dicotyles labiatus*, Cuv. White-lipped Peccary.

Hab. South America.

a. Male. Received in exchange, March 30, 1860.
b. Female. Received in exchange, Nov. 11, 1860.
c. Hybrid between this species and female *Dicotyles tajaçu*. Born in the Menagerie, Sept. 27, 1864.
d. Presented by W. Summerhayes, Esq., Sept. 18, 1867.
e. Purchased, Jan. 14, 1874.
f. Purchased, Aug. 31, 1878.
g. Male. Purchased, Sept. 3, 1881.

Order X. CETACEA.

Family DELPHINIDÆ.

Genus Phocæna.

595. *Phocæna communis*, Less. Porpoise.

Hab. British Waters.

a. Presented by Theodore Grant Cresey, Esq., Sept. 27, 1864.
b. Purchased, March 10, 1865. Specimen described by Dr. Gray under the name of *Phocæna tuberculifera*, P. Z. S. 1865, p. 318.
c. Purchased, Oct. 24, 1865.
d. Purchased, Dec. 1, 1865.
e–g. Purchased, April 16, 1866.
h, *i*. Presented by Dr. L. Ormerod, April 28, 1870.

Order XI. SIRENIA.

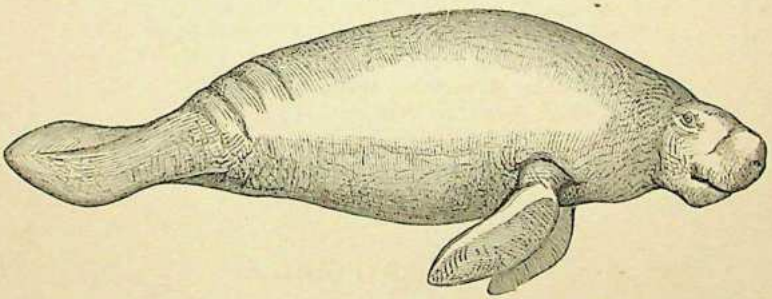
Family MANATIDÆ.

Genus MANATUS.

596. *Manatus australis*, Tilesius. Manatee. (Fig. 32.)
Hab. Demerara.

a. Female. Purchased, Aug. 6, 1875. Died Sept. 7, 1875. See P. Z. S. 1875, p. 529, and Garrod, Trans. Zool. Soc. vol. x. p. 137.

Fig. 32.



Manatus australis. (P. Z. S. 1881, p. 457.)

Order XII. EDENTATA.

Family BRADYPODIDÆ.

Genus BRADYPUS.

597. *Bradypus tridactylus*, Linn. Three-toed Sloth.
Hab. British Guiana.

a. Purchased, April 28, 1864.

Genus CHOLOPUS.

598. *Cholopus didactylus* (Linn.). Two-toed Sloth.
Hab. Brazil.

a, *b*. Purchased, May 10, 1865.
c. Presented by Capt. J. S. Hamlyn, Jan. 11, 1871.
d. Presented by G. H. Hawtayne, Esq., Oct. 27, 1880.

599. *Cholopus hoffmanni*, Peters. Hoffmann's Sloth.

Hab. Panama.

a. Purchased, Sept. 29, 1869. From Panama. See P. Z. S. 1869, p. 602.
b. Purchased, Oct. 1, 1872. From Panama. See P. Z. S. 1872, p. 861.
c. Deposited, April 14, 1873.
d, *e*. Females. Purchased, May 15, 1873. From Panama.
f. Purchased, July 30, 1873.
g. Purchased, Oct. 30, 1873.
h. Male. Purchased, April 26, 1875.
i. Female. Purchased, May 15, 1875.
j–*l*. Purchased, Aug. 14, 1875.
m. Purchased, Dec. 16, 1875.
n. Purchased, April 29, 1876.
o. Purchased, May 1, 1876.
p. Born in the Menagerie, May 9, 1876.
q. Deposited, Aug. 25, 1876.
r. Presented by L. R. Dickinson, Esq., Dec. 15, 1876.

Family DASYPODIDÆ.

Genus Tatusia.

600. *Tatusia peba* (Desm.). Peba Armadillo.

Hab. South America.

a, *b*. Presented by Maximo Terrero, Esq., Oct. 14, 1864.
c–*g*. Purchased, May 10, 1877.
h. Purchased, March 29, 1879.
i. Purchased, June 24, 1881.

601. *Tatusia hybrida* (Desm.). Mulita Armadillo.

Hab. Buenos Ayres.

a, *b*. Presented by Mrs. Mackinlay, June 15, 1870.
c–*f*. Born in the Menagerie, Feb. 28, 1871.
g, *h*. Males. Presented by Mrs. Mackinlay, July 18, 1873.

602. *Tatusia kappleri* (Krauss). Kappler's Armadillo.

Hab. Surinam.

a, *b*. Purchased, Aug. 27, 1870.

Genus Dasypus.

603. *Dasypus sexcinctus,* Linn. Six-banded Armadillo.
Hab. Brazil.

a, *b*. Purchased, June 30, 1860.
c. Deposited, Aug. 4, 1864.
d. Purchased, Aug. 30, 1864.
e, *f*. Purchased, May 11, 1865.
g. Purchased, May 11, 1868.
h, *i*. Purchased, May 27, 1868.
j, *k*. Purchased, May 8, 1869.
l, *m*. Females. Purchased, Aug. 13, 1869.
n. Male; *o*. Female. Presented by G. Wilks, Esq., C.M.Z.S., March 19, 1870.
p. Presented by Dr. J. A. Palin, C.M.Z.S., Dec. 23, 1871.
q. Purchased, Feb. 8, 1872.
r. Male. Purchased, April 17, 1874.

604. *Dasypus villosus,* Desm. Hairy Armadillo.
Hab. La Plata.

a. Presented by C. Bordas, Esq., Oct. 21, 1857.
b. Purchased, July 4, 1865.
c, *d*. Purchased, July 26, 1866.
e, *f*. Presented by G. Wilks, Esq., C.M.Z.S., July 4, 1868.
g. On approval, Sept. 2, 1871.
h. Born in the Menagerie, July 31, 1872.
i, *j*, Males; *k*. Female. Presented by Frank Parish, Esq., Sept. 16, 1872. From Buenos Ayres.
l. Presented by W. Forrest, Esq., Feb. 18, 1872.
m. Purchased, Oct. 3, 1873.
n. Presented by J. W. Lawson, Esq., Dec. 7, 1873.
o, *p*. Purchased, Jan. 24, 1874.
q, *r*. Born in the Menagerie, May 18, 1874.
s, *t*. Born in the Menagerie, March 9, 1875.
u. Born in the Menagerie, May 2, 1875.
v. Born in the Menagerie, June 8, 1875.
w. Female. Purchased, Dec. 18, 1875.
x, *y*. Born in the Menagerie, May 16, 1876.
z, a^1. Born in the Menagerie, Aug. 6, 1876.
b^1, c^1. Born in the Menagerie, Sept. 16, 1876.
d^1. Presented by C. A. Craven, Esq., Oct. 22, 1882.
e^1. Presented by F. R. Warre, Esq., Sept. 25, 1882.

605. *Dasypus minutus,* Desm. Little Armadillo.
Hab. La Plata.

a, *b*. Purchased, Nov. 30, 1865.

c. Purchased, Jan. 15, 1870. From Bolivia.
d, *e*. Presented by C. D. Rowe, Esq., Feb. 28, 1870.
f. Female. Purchased, Nov. 22, 1872.

606. *Dasypus vellerosus*, Gray. Long-haired Armadillo.

Hab. Mendoza.

a. Purchased, May 16, 1871. See P. Z. S. 1871, p. 545.
b. Purchased, March 29, 1879.

Genus Xenurus.

607. *Xenurus unicinctus* (Linn.). Broad-banded Armadillo.

Hab. Brazil.

a. Purchased, April 8, 1873. See P. Z. S. 1873, p. 434.
b. Purchased, Jan. 17, 1878.

Genus Tolypeutes.

608. *Tolypeutes conurus* (Is. Geoffr.). Three-banded Armadillo.

Hab. La Plata.

a. Received in exchange, March 4, 1865. See P. Z. S. 1865, p. 256. *Cf.* Murie, Trans. Linn. Soc. xxx. p. 71.

609. *Tolypeutes tricinctus* (Linn.). Brazilian Three-banded Armadillo.

Hab. Brazil.

a. Purchased, Nov. 3, 1877. See Garrod, P. Z. S. 1877, p. 222.

Family MYRMECOPHAGIDÆ.

Genus Myrmecophaga.

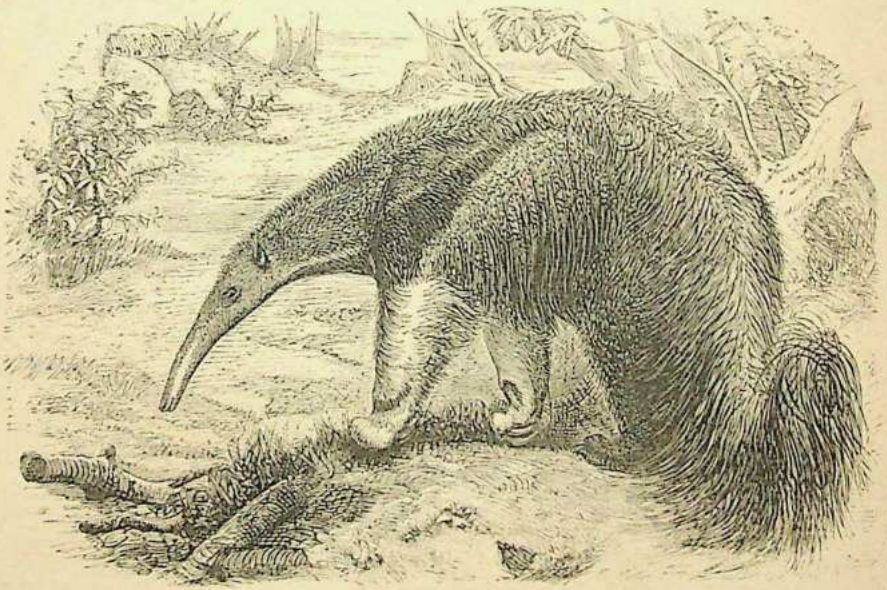
610. *Myrmecophaga jubata*, Linn. Great Ant-eater. (Fig. 33, p. 190.)

Hab. South America.

a. Presented by Dr. J. A. Palin, C.M.Z.S., Oct. 4, 1867. From Brazil. See P. Z. S. 1867, p. 818.
b. Presented by Percy Brandon, Esq., Nov. 8, 1867. From the Llanos of Casanares, U. S. of Columbia. See P. Z. S. 1867, p. 818, et 1868, p. 211.

c. Presented by Jeofilo Mendez, Esq., June 1, 1874. From the Province of Salta, Argentine Republic. See P. Z. S. 1874, p. 494.
d, *e*. Purchased, May 31, 1882.
f. Presented by Sir William Wiseman, R.N., Sept. 16, 1882.

Fig. 33.



Myrmecophaga jubata.

Genus Tamandua.

611. *Tamandua tetradactyla* (Linn.). Tamandua Ant-eater.

Hab. South America.

a. Purchased, May 29, 1871. From Santa Martha. See P. Z. S. 1871, p. 549, pl. xliii.
b. Purchased, June 27, 1871. See P. Z. S. 1871, p. 624.
c. Purchased, Aug. 7, 1871. From Brazil. See *ibid*. p. 625.
d. Received in exchange, Dec. 10, 1871.
e. Deposited, Jan. 3, 1872.
f. Purchased, March 11, 1873.
g. Purchased, July 27, 1874.
h. Purchased, Oct. 14, 1876.
i. Purchased, Aug. 30, 1877.

j. Purchased, May 31, 1878.
k. Purchased, May 3, 1879.
l. Purchased, June 14, 1879. From Pernambuco.
m. Purchased, Aug. 4, 1879.
n. Purchased, Dec. 31, 1879.
o. Purchased, Jan. 30, 1880.
p. Purchased, June 24, 1881.

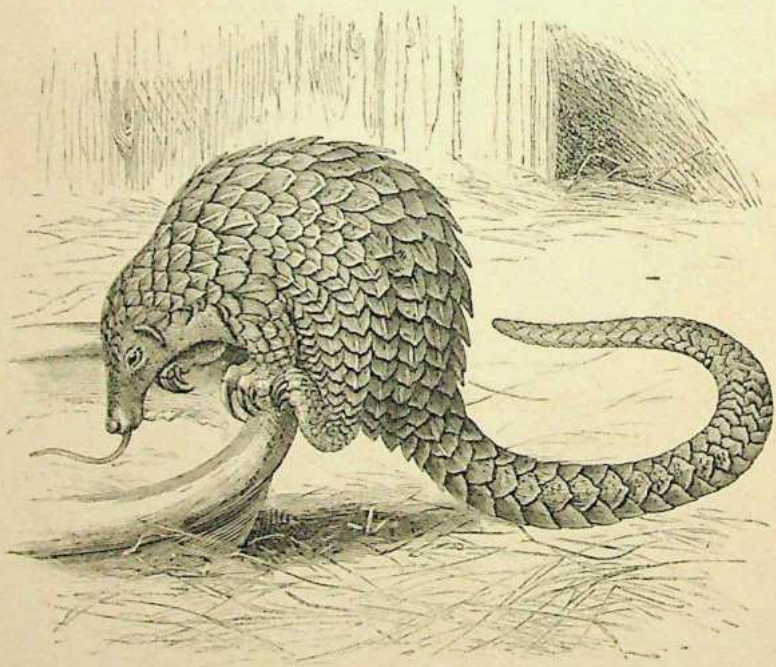
ZOOLOGICAL GARDENS 1875. CALCUTTA

Family MANIDÆ.

Genus MANIS.

612. *Manis tricuspis*, Sund. Pangolin. (Fig. 34.)
Hab. West Africa.
a. Purchased, May 20, 1877. See P. Z. S. 1877, p. 530.

Fig. 34.



Manis tricuspis. (P. Z. S. 1877, p. 531.)

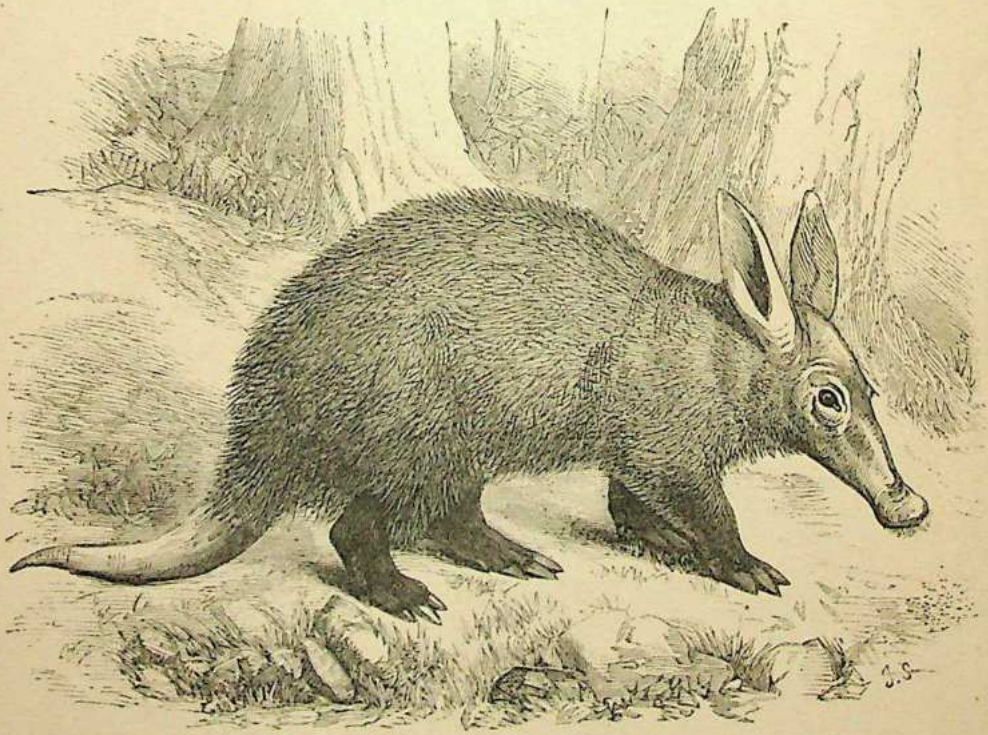
Family ORYCTEROPODIDÆ.

Genus Orycteropus.

613. *Orycteropus capensis* (Gm.). Cape Ant-bear. (Fig. 35.)
Hab. South Africa.

a. Male. Purchased, June 18, 1869. See P. Z. S. 1869, p. 431.
b. Female. Purchased, Oct. 6, 1869. See P. Z. S. 1869, p. 602.
c. Male. Deposited, Aug. 16, 1872.
d. Purchased, March 25, 1879.

Fig. 35.



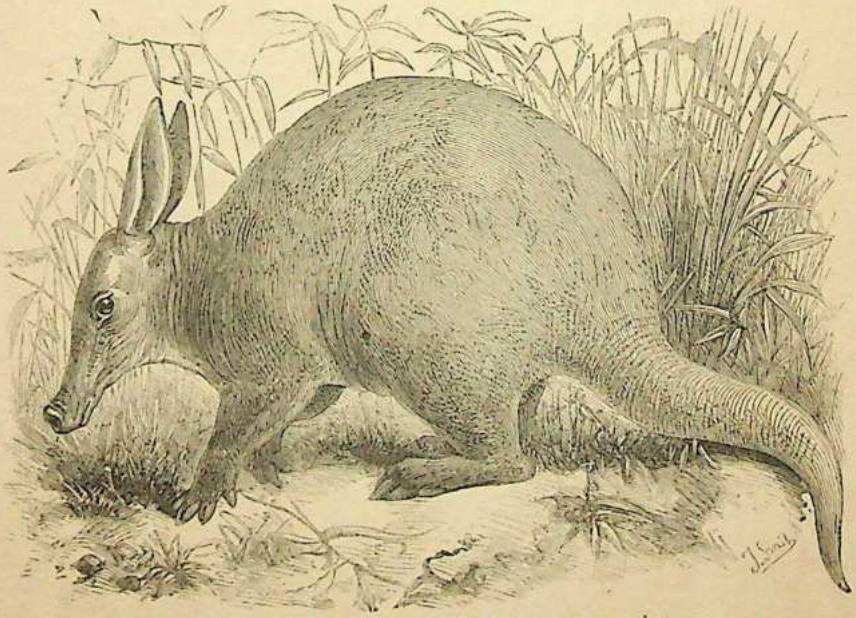
Orycteropus capensis. (P. Z. S. 1869, p. 431.)

614. *Orycteropus æthiopicus*, Sund. Æthiopian Ant-bear. (Fig. 36.)

Hab. North-east Africa.

a. Male. Purchased, July 29, 1870. From Upper Nubia. See P. Z. S. 1870, p. 669.

Fig. 36.



Orycteropus æthiopicus. (P. Z. S. 1870, p. 669.)

Order XIII. MARSUPIALIA.

Family DIDELPHYIDÆ.

Genus Didelphys.

615. *Didelphys cancrivora*, Gm. Crab-eating Opossum.

Hab. Tropical America.

a. Presented by the Hon. F. North, Nov. 23, 1863.
b. Presented by O. Wakefield, Esq., June 16, 1868.

c. Female. Presented by G. H. Hawtayne, Esq., Nov. 6, 1873.
d. Female. Purchased, Sept. 29, 1875.
e. Purchased, Sept. 3, 1879.
f. Presented by George Dundas, Esq., March 2, 1880. From St. Vincent, W. I.

616. *Didelphys virginiana*, Shaw. Virginian Opossum.
Hab. North America.

a. Presented by R. T. Hadow, Esq., June 21, 1866.
b. Purchased, Feb. 21, 1868.

617. *Didelphys azaræ*, Temm. Azara's Opossum.
Hab. La Plata.

a. Female; *b–d*. Young. Presented by William Reay, Esq., March 5, 1864.
e. Presented by G. Wilks, Esq., C.M.Z.S., Jan. 13, 1868.
f. Male. Presented by G. Wilks, Esq., C.M.Z.S., May 5, 1869.
g. Purchased, Dec. 28, 1870.
h. Purchased, June 12, 1875.

618. *Didelphys albiventris*, Lund. White-bellied Opossum.
Hab. Brazil.

a. Presented by W. A. Forbes, Esq., F.Z.S., Oct. 16, 1880. From Pernambuco.

619. *Didelphys crassicaudata*, Desm. Thick-tailed Opossum.
Hab. La Plata.

a. Presented by W. D. Christie, Esq., F.Z.S., July 5, 1860.
b. Presented by Geo. Wilks, Esq., C.M.Z.S., March 5, 1868. See P. Z. S. 1868, p. 261.

620. *Didelphys cinerea*, Temm. Cinereous Opossum.
Hab. South America.

a. Received in exchange, Oct. 13, 1878.

621. *Didelphys quica*, Temm. Quica Opossum.
Hab. South America.

a–d. Purchased, Feb. 12, 1875. See P. Z. S. 1875, p. 157.
e. Purchased, April 14, 1875.
f. Presented by Capt. E. Ball, June 17, 1881.

622. *Didelphys derbiana*, Waterh. Derbian Opossum.
Hab. Columbia.

a–d. Presented by L. R. Dickinson, Esq., May 16, 1877.
e. Purchased, Jan. 27, 1878.

623. *Didelphys dorsigera*, Linn. Merian's Opossum.
Hab. South America.

a. Purchased, July 13, 1877.

624. *Didelphys opossum*, Linn. Four-spotted Opossum.
Hab. South America.

a. Purchased, Aug. 15, 1868.
b. Purchased, July 19, 1869.
c. Purchased, July 16, 1872. From Central America.

625. *Didelphys philander*, Linn. Philander Opossum.
Hab. South America.

a. Purchased, April 15, 1882.

Family DASYURIDÆ.

Genus Dasyurus.

626. *Dasyurus maugæi*, Geoffr. Maugé's Dasyure.
Hab. Australia.

a–z. See former editions.
a^1. Male; b^1. Female. Presented by Mr. G. Heath, July 22, 1873.
c^1. Female. Presented by Mr. Ridley, Aug. 5, 1873.
d^1–f^1. Females. Presented by J. Shawe, Esq., Jan. 28, 1874.
g^1. Female. Presented by F. Kirby, Esq., May 26, 1874.
h^1. Female. Presented by Robert S. Craig, Esq., Feb. 20, 1877.
i^1, j^1. Presented by Capt. J. C. Harris, May 9, 1877.
k^1, l^1. Received in exchange, March 29, 1880.

627. *Dasyurus maculatus* (Shaw). Spotted-tailed Dasyure.
Hab. Queensland.

a. Purchased, May 27, 1876.
b. Purchased, June 7, 1872.

628. *Dasyurus ursinus* (Harr.). Ursine Dasyure.

Hab. Tasmania.

a. Male. Presented by L. C. Stevenson, Esq., March 24, 1860.
b. Female. Presented by F. J. C. Wildash, Esq., August 9, 1861.
c. Purchased, June 21, 1866.
d. Purchased, March 19, 1867.
e. Presented by Dr. George Bennett, F.Z.S., May 20, 1869.
f, *g*. Presented by R. Firebrace, Esq., F.Z.S., June 1, 1869.
h. Male; *i*. Female. Presented by the Acclimatization Society of Victoria, Oct. 29, 1873.
j. Purchased, Oct. 26, 1880.
k, *l*. Deposited, April 14, 1881.

Genus THYLACINUS.

629. *Thylacinus cynocephalus*, Harr. Tasmanian Wolf.

Hab. Van Diemen's Land.

a. Male. Purchased, April 9, 1856.
b. Male; *c*. Female. Presented by Ronald Gunn, Esq., C.M.Z.S., May 2, 1863. See P. Z. S. 1863, p. 103.

Family PERAMELIDÆ.

Genus PERAMELES.

630. *Perameles lagotis*, Reid. Rabbit-eared Perameles.

Hab. West Australia.

a. Purchased, April 6, 1864.
b, *c*. Purchased, June 23, 1864.
d–*f*. Purchased, Feb. 14, 1866.
g. Presented by Dr. F. von Mueller, C.M.Z.S., March 9, 1870.
h. Female. Presented by the Directors of the Botanic Gardens, Adelaide, Australia, March 6, 1871.

631. *Perameles obesula*, Geoffr. Short-nosed Perameles.

Hab. Australia.

a. Purchased, April 15, 1880. See P. Z. S. 1880, p. 355.

Family PHASCOLARCTIDÆ.

Genus Phascolarctus.

632. *Phascolarctus cinereus* (Goldf.). Koala. (Fig. 37.)

Hab. Australia.

a. Female. Purchased, April 28, 1880. See P. Z. S. 1880, p. 355.
b. Male. Purchased, Feb. 5, 1881.
c. Purchased, May 23, 1882.

Fig. 37.

Phascolarctus cinereus. (P. Z. S. 1880, p. 355.)

Family PHALANGISTIDÆ.

Genus Phalangista.

633. *Phalangista vulpina* (Shaw). Vulpine Phalanger.

Hab. Australia.

a–*z*[1]. See former editions.
a[2]. Male. Presented by H. G. Smith, Esq., Feb. 7, 1873.
b[2]. Male. Born in the Menagerie, March 18, 1873.
c[2]. Male. Born in the Menagerie, April 6, 1873.

d^2. Presented by Miss Breach, Oct. 9, 1863.
e^2. Male. Born in the Menagerie, April 29, 1874.
f^2. Male. Born in the Menagerie, Aug. 10, 1874.
g^2. Female. Born in the Menagerie, Sept. 22, 1874.
h^2. Presented by B. G. Corney, Esq., April 2, 1875.
i^2. Purchased, Nov. 4, 1875.
j^2. Purchased, March 9, 1876.
k^2. Presented by C. H. A. Forbes, Esq., May 29, 1876.
l^2, m^2. Males. Born in the Menagerie, June 12, 1876.
n^2. Presented by the Hon. Graham M. Sutton, Oct. 4, 1876.
o^2. Presented by Mr. T. Welsh, March 27, 1877.
p^2. Presented by Mr. W. Bazeley, April 5, 1877.
q^2. Born in the Menagerie, June 27, 1877.
r^2. Born in the Menagerie, Oct. 11, 1877.
s^2. Presented by J. Page, Esq., Nov. 2, 1877.
t^2. Presented by Capt. T. Ayling, April 5, 1878.
u^2. Presented by E. J. Beagle, Esq., June 17, 1878.
v^2. Female. Presented by A. Elder, Esq., May 14, 1879.
w^2. Presented by W. J. Lackey, Esq., Dec. 21, 1879.
x^2. Born in the Menagerie, Dec. 26, 1879.
y^2, z^2. Received in exchange, March 29, 1880. Var. *alba*.
a^3. Presented by Capt. Fife, April 24, 1880.
b^3–d^3. Presented by Sir Harry St. George Ord, C.B., F.Z.S., May 21, 1880.
e^3–g^3. Deposited, April 14, 1881.
h^3. Born in the Menagerie, April 19, 1881.
i^3. Male. Presented by Mrs. J. S. Henderson, April 30, 1881.
j^3. Presented by Master H. Berridge, June 1, 1881.
k^3. Male; l^3. Female. Presented by Mr. George White, Aug. 15, 1881.
m^3, n^3. Males. Presented by F. J. Horniman, Esq., F.Z.S., Nov. 11, 1881.
o^3. Presented by E. Meek, Esq., June 22, 1882.
p^3. Presented by W. Marston Clark, Esq., Sept. 16, 1882.

634. *Phalangista canina*, Ogilby. Short-eared Phalanger.

Hab. New South Wales.

a. Deposited, Dec. 17, 1865.
b. Purchased, June 15, 1870.

Genus Dromicia.

635. *Dromicia nana* (Geoffr.). Dormouse Phalanger.

Hab. Tasmania.

a. Purchased, May 30, 1873.
b. Presented by W. S. Stratford, Esq., June 18, 1873.
c. Purchased, Oct. 14, 1882.

Genus Belideus.

636. *Belideus breviceps* (Waterh.). Short-headed Phalanger.

Hab. Australia.

a, *b*. Presented by C. Hutton, Esq., June 21, 1859.
c. Female. Purchased, Oct. 15, 1861.
d, *e*. Presented by W. T. Dayne, Esq., Oct. 19, 1862.
f. Presented by George Macleay, Esq., F.Z.S., May 19, 1862.
g. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
h. Born in the Menagerie, June 8, 1865.
i. Born in the Menagerie, June 28, 1866.
j. Born in the Menagerie, March 20, 1867.
k, *l*. Born in the Menagerie, July 30, 1867.
m. Born in the Menagerie, May 5, 1868.
n, *o*. Males; *p*. Female. Presented by Robert G. Batten, Esq., Aug. 27, 1869.
q. Males. Presented by C. E. Booth, Esq., April 24, 1871.
r–*u*. Presented by Octavius C. Stone, Esq., June 28, 1876. From New Guinea.
v. Received in exchange, March 29, 1880.
w, *x*. Born in the Menagerie, April 19, 1882.

637. *Belideus sciureus* (Shaw). Squirrel-like Phalanger.

Hab. Australia.

a, *b*. Presented by E. S. Waller, Esq., Nov. 6, 1878.
c. Born in the Menagerie, Aug. 26, 1879.
d, *e*. Born in the Menagerie, Oct. 16, 1880.
f, *g*. Presented by D. W. Barker, Esq., April 5, 1881.
h. Born in the Menagerie, April 12, 1881.
i. Born in the Menagerie, April 18, 1882.
j. Born in the Menagerie, Oct. 10, 1882.

638. *Belideus flaviventer* (Geoffr.). Yellow-bellied Phalanger.

Hab. New South Wales.

a. Presented by Dr. G. Bennett, F.Z.S., May 1859.
b. Male; *c*. Female. Presented, July 5, 1865.

639. *Belideus ariel*, Gould. Ariel Phalanger.

Hab. North Australia.

a, *b*. Females. Presented by the Directors of the Botanic Gardens, Adelaide, Australia, March 6, 1871. From Port Darwin.

Family MACROPODIDÆ.

Genus Dendrolagus.

640. *Dendrolagus inustus*, Müll. Brown Tree-Kangaroo.
Hab. New Guinea.

a. Received in exchange, Nov. 4, 1865. See P. Z. S. 1865, p. 676.
b. Purchased, Nov. 19, 1877. See P. Z. S. 1877, p. 805.

Genus Dorcopsis.

641. *Dorcopsis luctuosa* (D'Albertis). Mourning Kangaroo.
Hab. South of New Guinea.

a. Female. Deposited, April 17, 1874. See P. Z. S. 1874, p. 247, pl. xlii., and 1875, p. 48. *Cf.* Garrod, P. Z. S. 1875, p. 48.

Genus Macropus.

642. *Macropus rufus* (Desm.). Red Kangaroo.
Hab. Australia.

a. Male. Purchased, June 10, 1860. Specimen named *M. pictus* by Gould, P. Z. S. 1860, p. 373 (descr. nulla!).
b. Female. Purchased, May 25, 1866.
c. Born in the Menagerie, Aug. 19, 1867.
d. Born in the Menagerie, Nov. 1, 1868.
e. Born in the Menagerie, Dec. 6, 1869.
f. Purchased, June 15, 1870. From Queensland.
g. Born in the Menagerie, Dec. 21, 1870.
h. Born in the Menagerie, April 25, 1872.
i. Male. Born in the Menagerie, June 20, 1873.
j. Male. Born in the Menagerie, April 15, 1874.
k. Male; *l*. Female. Presented by the Acclimatization Society of Melbourne, July 4, 1874.
m. Female. Born in the Menagerie, April 19, 1875.
n. Female. Born in the Menagerie, Feb. 28, 1876.
o. Female. Born in the Menagerie, Feb. 28, 1877.
p, *q*. Females. Deposited, Oct. 10, 1877.
r. Female. Born in the Menagerie, Feb. 25, 1878.
s. Female. Born in the Menagerie, Nov. 25, 1878.
t. Male. Born in the Menagerie, June 2, 1879.
u. Female. Born in the Menagerie, March 1, 1880.
v, *w*. Females. Received in exchange, March 29, 1880.
x. Born in the Menagerie, Dec. 10, 1881.
y. Male. Born in the Menagerie, Dec. 11, 1881.

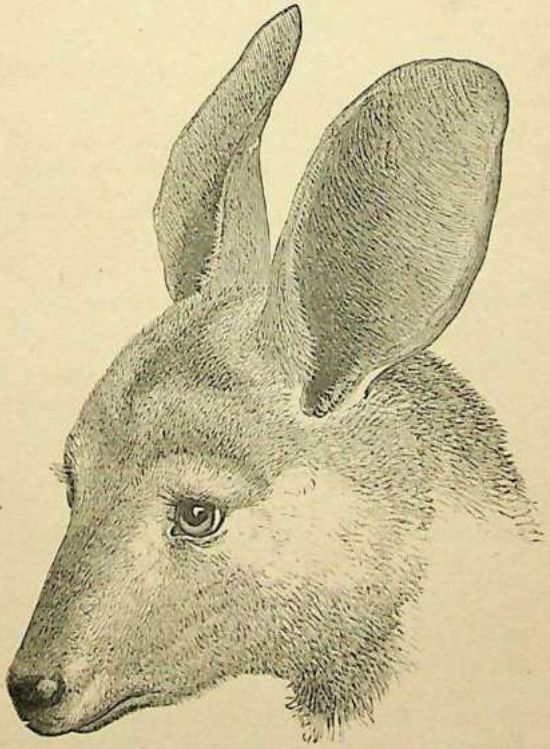
643. *Macropus erubescens*, Sclater. Roan Kangaroo. (Fig. 38.)

Hab. South Australia.

a. Male. Purchased, Feb. 25, 1870. Specimen described and figured P. Z. S. 1870, p. 126, pl. x. From Lake Hope.

b. Male. Purchased, July 20, 1870. From Port Augusta. See P. Z. S. 1870, p. 668. See also Sclater, P. Z. S. 1871, p. 240, figs. 5 & 6.

Fig. 38.



Head of *Macropus erubescens*. (P. Z. S. 1870, p. 126.)

644. *Macropus robustus*, Gould. Great Wallaroo.

Hab. Australia.

a. Male. Purchased, May 16, 1870. See P. Z. S. 1870, p. 383.

645. *Macropus giganteus*, Shaw. Great Kangaroo.
Hab. New South Wales.

a–z. See former editions.
*a*¹. Male. Presented by Carleton V. Blyth, Esq., April 22, 1875.
*b*¹. Female. Born in the Menagerie, Feb. 28, 1876.
*c*¹. Male. Born in the Menagerie, May 18, 1876.
*d*¹. Female. Born in the Menagerie, March 27, 1877.
*e*¹. Female. Presented by T. Phillips, Esq., Oct. 5, 1877.
*f*¹. Male. Presented by Crawford Caffin, Esq., April 12, 1878.
*g*¹. Female. Born in the Menagerie, April 29, 1878.
*h*¹. Female. Born in the Menagerie, May 20, 1878.
*i*¹. Male. Born in the Menagerie, June 2, 1879.
*j*¹. Deposited, April 14, 1881.

646. *Macropus melanops*, Gould. Black-faced Kangaroo.
Hab. South Australia.

a. Male. Presented by T. R. Fletcher, Esq., April 29, 1859.
b. Female. Purchased, April 8, 1863.
c. Received, Feb. 20, 1864.
d. Presented by the Commissioners of South Australia to the French Exhibition, May 11, 1867.
e. Born in the Menagerie, June 9, 1868.
f. Born in the Menagerie, June 17, 1870.
g. Born in the Menagerie, July 27, 1871.
h. Male. Purchased, April 19, 1879.
i. Male. Presented by Sir Harry St. George Ord, C.B., F.Z.S., May 21, 1880.
j. Male. Presented by Miss Drax, Oct. 19, 1881.
k. Female. Presented by C. T. H. Bower, Esq., May 10, 1882.

Genus Petrogale.

647. *Petrogale xanthopus*, Gray. Yellow-footed Rock-Kangaroo.
Hab. South Australia.

a–z. See former editions.
*a*¹. Female. Born in the Menagerie, March 27, 1877.
*b*¹. Born in the Menagerie, Sept. 23, 1877.
*c*¹. Male. Born in the Menagerie, April 11, 1878.
*d*¹. Born in the Menagerie, May 30, 1878.
*e*¹. Born in the Menagerie, Feb. 12, 1879.
*f*¹. Male. Purchased, July 8, 1879.
*g*¹–*h*¹. Received in exchange, July 6, 1880.
*i*¹. Male. Born in the Menagerie, Oct. 11, 1880.

648. *Petrogale penicillata*, Gray. Brush-tailed Kangaroo.
Hab. New South Wales.

a. Purchased, May 25, 1866.
b. Presented by H. Chandler, Esq., Oct. 24, 1866.

Genus Halmaturus.

649. *Halmaturus bennettii*, Waterh. Bennett's Wallaby.
Hab. Tasmania.

a–d. Deposited, May 16, 1863.
e. Male. Received in exchange, Aug. 25, 1863,
f, *g*. Born in the Menagerie, May 26, 1865.
h. Deposited, July 1, 1865.
i. Purchased, June 21, 1866.
j. Born in the Menagerie, June 25, 1866.
k. Born in the Menagerie, April 24, 1867.
l. Born in the Menagerie, May 7, 1867.
m, *n*. Presented by W. Enderby, Esq., June 14, 1867.
o. Born in the Menagerie, May 13, 1868.
p. Presented by C. R. Fenwick, Esq., Sept. 17, 1868.
q. Female. Deposited, Aug. 11, 1869.
r. Female. Presented by R. C. Ross, Esq., Nov. 30, 1869.
s. Born in the Menagerie, May 2, 1870.
t, *u*. Presented by J. Campbell, Esq., Nov. 18, 1870.
v. Born in the Menagerie, March 27, 1871.
w. Female. Presented by C. J. Brownrigg, Esq., May 3, 1871.
x. Female. Born in the Menagerie, May 12, 1871.
y. Male. Born in the Menagerie, Aug. 6, 1872.
z. Female. Presented by Mrs. M'Causland, Sept. 25, 1872.
a^1. Female. Born in the Menagerie, Aug. 10, 1874.
b^1. Male. Presented by Miss E. Woolatt, April 11, 1877.
c^1. Born in the Menagerie, April 24, 1878.
d^1. Presented by W. E. Windus, Esq., Feb. 21, 1879.
e^1. Female. Born in the Menagerie, June 2, 1879.
f^1. Male. Born in the Menagerie, Aug. 3, 1881.
g^1. Male. Born in the Menagerie, May 9, 1882.

650. *Halmaturus ruficollis* (Desm.). Rufous-necked Wallaby.
Hab. New South Wales.

a, *b*. Females. Presented by Thomas Maynard, Esq., June 8, 1856.
c. Female. Presented by James Selfe, Esq., Dec. 14, 1861.
d. Male. Hybrid between this species and *Halmaturus bennettii*, Waterh. Born in the Menagerie, 1861.
e, *f*. Hybrid as above. Born in the Menagerie, 1863.
g. Hybrid as above. Born in the Menagerie, April 8, 1869.

651. *Halmaturus ualabatus* (Less.). Black Wallaby.
Hab. New South Wales.

a. Purchased, May 25, 1866.
b–d. Presented by the Acclimatization Society of Melbourne, July 20, 1868.
e. Female. Born in the Menagerie, April 20, 1871.
f. Female. Purchased, Nov. 5, 1873.
g. Presented by Dr. W. Barker, Esq., April 25, 1878.
h. Male: *i*. Female. Received in exchange, July 2, 1878.
j. Female. Born in the Menagerie, May 19, 1880.
k. Female. Presented by Commander C. E. Gissing, R.N., Dec. 11, 1880.
l. Male; *m*. Female. Purchased, Oct. 11, 1882.
n. Female. Deposited, Nov. 8, 1882.

652. *Halmaturus dorsalis*, Gray. Black-striped Wallaby.
Hab. New South Wales.

a. Presented by G. M. Roberts, Esq., May 28, 1870.

653. *Halmaturus agilis*, Gould. Agile Wallaby.
Hab. Australia.

a. Purchased, May 28, 1875. See P. Z. S. 1875, p. 469.

654. *Halmaturus derbianus*, Gray. Derbian Wallaby.
Hab. Australia.

a. Male: *b*. Female. Purchased, March 10, 1862.
c. Born in the Menagerie, 1863.
d. Purchased, Aug. 24, 1864.
e. Born in the Menagerie, May 26, 1865.
f. Presented by Dr. Mueller, C.M.Z.S., July 26, 1866.
g. Presented by the South-Australian Commissioners to the French Exhibition, May 11, 1867.
h. Male; *i*. Female. Presented by H. W. Peek, Esq., M.P., F.Z.S., April 11, 1870.
j. Male; *k*. Female. Presented by the Rev. J. Climenson, F.Z.S., April 25, 1870.
l. Female. Deposited, Nov. 28, 1870.
m, *n*. Males. Born in the Menagerie, May 1, 1871.
o. Male. Born in the Menagerie, April 9, 1872.
p. Male. Born in the Menagerie, May 6, 1872.
q. Male. Presented by Dr. R. H. Popham, May 15, 1872.
r. Deposited, April 19, 1873.
s. Male. Born in the Menagerie, April 24, 1873.
t. Female. Born in the Menagerie, Oct. 13, 1875.
u. Male. Born in the Menagerie, May 23, 1877.

655. *Halmaturus thetidis,* F. Cuv. et Geoffr. Thigh-striped Wallaby.

Hab. New South Wales.

a. Male. Purchased, May 6, 1870.

656. *Halmaturus billardieri* (Desm.). Red-bellied Wallaby.

Hab. Tasmania.

a. Received in exchange, May 25, 1868.
b. Male; *c.* Female. Received in exchange, May 31, 1871.
d. Male. Presented by B. G. Corney, Esq., April 2, 1875.

657. *Halmaturus brachyurus,* Gould. Short-tailed Wallaby.

Hab. Western Australia.

a. Male; *b–d.* Females. Purchased, April 26, 1878.
e. Presented by G. Bowen, Esq., Feb. 1, 1879.
f–h. Males; *i.* Female. Presented by Sir Harry St. George Ord, C.B., F.Z.S., May 21, 1880.
j. Male; *k, l.* Females. Presented by Sir Harry St. George Ord, C.B., F.Z.S., April 22, 1861.
m. Male. Deposited, Nov. 23, 1882.

Genus Onychogalea.

658. *Onychogalea lunata,* Gould. Lunulated Kangaroo.

Hab. Australia.

a. Purchased, March 9, 1865.

Genus Hypsiprymnus.

659. *Hypsiprymnus rufescens* (Gray). Rufous Rat-Kangaroo.

Hab. New South Wales.

a. Purchased, March 9, 1865.
b. Presented by C. J. Foljambe, Esq., Feb. 13, 1867.
c. Presented by T. Wickenden, Esq., June 14, 1878.
d. Presented by A. W. Wyatt, Esq., April 23, 1881.
e. Presented by F. J. Horniman, Esq., F.Z.S., Nov. 10, 1881.
f. Female. Presented by C. Caravossi, April 20, 1882.
g. Male. Born in the Menagerie, Oct. 10, 1882.

660. *Hypsiprymnus cuniculus*, Ogilby. Tasmanian Rat-Kangaroo.

Hab. Tasmania.

a. Presented by Miss J. B. Thompson, Nov. 18, 1871.
b. Presented by J. Shelton, Esq., June 21, 1873.

661. *Hypsiprymnus gaimardi* (Desm.). Gaimard's Rat-Kangaroo.

Hab. Australia.

a, *b*. Purchased, Jan. 27, 1863.
c, *d*. Purchased, April 6, 1864.
e. Born in the Menagerie, July 29, 1864.
f. Born in the Menagerie, May 3, 1866.
g. Presented by Robert Daubeney, Esq., July 16, 1866.
h. Born in the Menagerie, July 17, 1866.
i. Purchased, July 21, 1866.
j. Born in the Menagerie, May 23, 1867.
k. Presented by the family of the Rev. E. Selwyn, deceased, Oct. 16, 1867.
l. Born in the Menagerie, Oct. 25, 1867.
m. Born in the Menagerie, Dec. 19, 1867.
n. Born in the Menagerie, April 30, 1868.
o. Born in the Menagerie, May 13, 1868.
p. Born in the Menagerie, Aug. 15, 1868.
q. Born in the Menagerie, Nov. 26, 1868.
r, *s*. Presented by G. E. Thompson, Esq., Jan. 10, 1871.
t. Born in the Menagerie, Feb. 22, 1871.
u. Male. Presented by C. Moore, C.M.Z.S., May 30, 1871. White variety.
v. Female. Deposited, Nov. 5, 1872.
w. Male. Hybrid between this species and *H. ogilbyi*. Born in the Menagerie, June 2, 1874.
x, *y*. Presented by E. E. Harrold, Esq., March 12, 1879.
z. Born in the Menagerie, Nov. 17, 1879.
a^1. Born in the Menagerie, March 6, 1880.
b^1. Born in the Menagerie, Aug. 3, 1880.
c^1, *d*^{1}. Males; *e*^{1}. Female. Presented by A. B. Gow, Esq., Oct. 14, 1880.
f^1. Born in the Menagerie, Nov. 6, 1880.
g^1. Purchased, Dec. 20, 1880.
h^1. Born in the Menagerie, Oct. 20, 1881.
i^1. Born in the Menagerie, April 3, 1882.

662. *Hypsiprymnus ogilbyi*, Gould. Ogilby's Rat-Kangaroo.

Hab. Australia.

a. Male. Presented by J. F. Newton, Esq., Dec. 11, 1871.

b. Hybrid between *Hypsiprymnus ogilbyi* ♀ and *H. gaimardi* ♂. Born in the Menagerie, June 2, 1875.
c. Female. Hybrid between *Hypsiprymnus ogilbyi* ♀ and *H. gaimardi* ♂. Born in the Menagerie, Oct. 17, 1875.
d. Female. Purchased, March 8, 1876.

663. *Hypsiprymnus apicalis*, Gould. White-tipped Rat-Kangaroo.

a, *b*. Purchased, May 27, 1867.

Family PHASCOLOMYIDÆ.

Genus Phascolomys*.

664. *Phascolomys wombat*, Pér. et Les. Common Wombat.

Hab. Tasmania.

a. Presented by the Acclimatization Society of Victoria, March 18, 1863.
b. Deposited, April 19, 1866.
c, *d*. Purchased, Jan. 27, 1868.
e. Male. Purchased, May 23, 1870.
f. Female. Presented by James Galbrath, Esq., Sept. 10, 1872.
g. Male; *h*. Female. Received in exchange, March 29, 1880.
i, *j*. Females. Presented by Dr. J. C. Cox, C.M.Z.S., April 15, 1880.

665. *Phascolomys platyrhinus*, Owen. Platyrhine Wombat.

Hab. Victoria, Australia.

a. Presented by the Acclimatization Society of Victoria, March 18, 1863. Black variety, described by Mr. Gould as *P. niger*.
b. Male; *c*. Female. Purchased, Jan. 27, 1868. Black variety.
d. Female. Presented by Dr. Ferdinand von Mueller, C.M.Z.S., Sept. 25, 1872.

666. *Phascolomys latifrons*, Owen. Hairy-nosed Wombat.

Hab. South Australia.

a. Purchased, July 24, 1862. Specimen figured by Mr. Gould (Mamm. Austr. pl. 60) as *P. lasiorhinus*.

---

* On the Wombats in the Society's Menagerie, *cf.* Murie, P.Z.S. 1865, p. 838.

b. Male; *c*. Female. Presented by the Commissioners of South Australia to the French Exhibition, May 11, 1867.
d, *e*. Presented by the Governor of the Botanic Gardens, Adelaide, South Australia, Dec. 24, 1867.
f. Female. Purchased, Feb. 25, 1870.
g. Male. Purchased, March 3, 1870.
h. Deposited, Feb. 7, 1880.

Order XIV. MONOTREMATA.

Family ECHIDNIDÆ.

Genus Echidna.

667. *Echidna hystrix* (Cuv.). Echidna.
Hab. New South Wales.

a. Male. Purchased, April 18, 1863.
b. Female. Presented by E. T. Smith, Esq., July 18, 1863.

Class AVES.

Order I. PASSERES.

Family TURDIDÆ.

Subfam. TURDINÆ.

Genus TURDUS.

1. *Turdus musicus*, Linn. Song-Thrush.
Hab. British Islands.

a. Purchased, 1861.
b–d. Presented by J. R. Scott, Esq., F.Z.S., June 3, 1868.
e. Presented by Mr. G. Rogers, April 26, 1875.
f, g. Presented by F. J. Barry, Esq., Oct. 17, 1879.
h, i. Presented by E. Lawrance, Esq., Nov. 21, 1881.
j. Deposited, Nov. 23, 1881.

2. *Turdus pilaris*, Linn. Fieldfare.
Hab. British Islands.

a, b. Purchased, Dec. 29, 1868.
c. Purchased, Feb. 26, 1870.
d, e. Purchased, April 6, 1871.
f. Purchased, Aug. 23, 1876.
g. Presented by F. Lubbock, Esq., Oct. 6, 1876.

3. *Turdus iliacus*, Linn. Redwing.
Hab. British Islands.

a. Presented by Mrs. Mears, Nov. 2, 1867.
b. Presented by F. Bond, Esq., F.Z.S., May 9, 1870
c, d. Purchased, April 6, 1871.
e, f. Presented by F. Lubbock, Esq., Oct. 6, 1876.
g, h. Purchased, Nov. 12, 1876.
i. Presented by Mrs. A. H. Jamrach, Dec. 23, 1876.

4. *Turdus viscivorus*, Linn. Missel-Thrush.

Hab. British Islands.

a. Presented by Mr. Travis, July 1856.
b. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
c, *d*. Purchased, April 6, 1871.
e. Presented by Mrs. Watson, Oct. 18, 1875.

5. *Turdus migratorius*, Linn. American Robin.

Hab. North America.

a. Male; *b*. Female. Purchased, April 23, 1859.
c. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
d. Presented by W. H. Boase, Esq., Sept. 14, 1864.
e. Presented by F. W. Grant, Esq., Dec. 9, 1867.
f, *g*. Purchased, Sept. 19, 1874.
h. Presented by D. J. Kemp, Esq., July 19, 1876.
i. Deposited, Nov. 7, 1876.
j. Presented by Mrs. Arabin, June 10, 1878.
k. Deposited, June 18, 1879.

6. *Turdus falklandicus*, Q. et G. Falkland-Island Thrush.

Hab. South America.

a. Purchased, May 18, 1876. From Chili.

7. *Turdus rufiventris*, Vieill. Red-bellied Thrush.

Hab. Buenos Ayres.

a. Purchased, Oct. 30, 1873.
b, *c*. Purchased, Nov. 4, 1881.

8. *Turdus albiventris*, Spix. White-bellied Thrush.

Hab. South America.

a, *b*. Purchased, July 18, 1876.
c. Purchased, Jan. 24, 1879. From Bahia.

9. *Turdus leucomelas*, Vieill. Brown Thrush.

Hab. South America.

a, *b*. Purchased, July 20, 1882.

10. *Turdus tristis*, Sw. Sorry Thrush.

Hab. Mexico.

a. Purchased, Aug. 1, 1876.
b. Purchased, Aug. 30, 1877.

11. *Turdus merula*, Linn. Blackbird.

Hab. British Islands.

a. Purchased, 1861.
b. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
c. Presented by the Hon. H. M. Best, Nov. 11, 1869.
d. Presented by Mr. G. Rogers, April 26, 1875.
e. Presented by E. Lawrance, Esq., Nov. 21, 1881.

12. *Turdus pœcilopterus*, Vig. Grey-winged Blackbird.

Hab. Cashmere.

a. Presented by Mrs. W. A. Ross, Dec. 21, 1871. See P. Z. S. 1872, p. 24; also P. Z. S. 1876, p. 464.

13. *Turdus torquatus*, Linn. Ring-Ouzel.

Hab. British Islands.

a. Purchased, Nov. 15, 1860.
b. Purchased, July 4, 1862.
c, *d*. Females. Presented by — Day, Esq., Jan. 21, 1864.
e. Purchased, Oct. 12, 1880.
f. Purchased, Nov. 19, 1880.
g. Presented by H. A. Macpherson, Esq., July 3, 1882.

Genus Geocichla.

14. *Geocichla citrina* (Lath.). Orange-headed Ground-Thrush.

Hab. India.

a, *b*. Purchased, Dec. 12, 1876. See P. Z. S. 1877, p. 2.

Genus Monticola.

15. *Monticola saxatilis* (Linn.). Rock-Thrush.

Hab. Europe.

a. Purchased, April 26, 1862.
b. Presented by Sir S. Lakeman, May 18, 1869.

16. *Monticola cyanus* (Linn.). Solitary Thrush.

Hab. Europe.

a. Male. Presented by Sir W. H. Fielden, Aug. 6, 1863.
b. Purchased, Feb. 22, 1865.
c. Purchased, Feb. 3, 1870.
d. Deposited, June 11, 1870.

e, *f*. Deposited, June 29, 1874.
g. Presented by W. Verner, Esq., Aug. 2, 1877.
h. Presented by W. Verner, Esq., Aug. 7, 1878.

Genus Myiophonus.

17. *Myiophonus horsfieldi*, Vigors. Horsfield's Whistling Thrush.

Hab. India.

a. Purchased, Dec. 12, 1876. See P. Z. S. 1877, p. 2.

Genus Saxicola.

18. *Saxicola œnanthe*, Linn. Wheatear.

Hab. British Islands.

a. Purchased, Aug. 9, 1869.
b. Female. Purchased, Aug. 17, 1869.
c. Male. Purchased, May 3, 1872.
d. Male. Purchased, March 20, 1873.
e. Male. Purchased, March 23, 1874.
f. Purchased, March 29, 1875.
g, *h*. Purchased, March 28, 1876.
i–*k*. Purchased, April 17, 1880.
l. Purchased, April 17, 1882.

Genus Pratincola.

19. *Pratincola rubetra* (Linn.). Whinchat.

Hab. British Islands.

a, *b*. Purchased, Aug. 1, 1871.
c. Male. Purchased, May 2, 1872.

Genus Ruticilla.

20. *Ruticilla phœnicurus* (Linn.). Redstart.

Hab. Europe.

a. Purchased, April 21, 1882.

Genus Erithacus.

21. *Erithacus rubecula* (Linn.). Redbreast.

Hab. British Islands.

a. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b. Presented by Mr Travis, Dec. 1862.

Genus Copsychus.

22. *Copsychus saularis* (Linn.). Indian Dial-bird.

Hab. India.

a. Purchased, April 28, 1869.
b. Male; *c*. Female. Purchased, June 18, 1872.
d. Presented by Major J. R. Stack, July 29, 1872.
e, *f*. Hatched in the Gardens, May 23, 1873. (First time of breeding.)
g. Deposited, April 7, 1882.

23. *Copsychus sechellarum*, Newton. Seychellean Dial-bird.

Hab. Seychelles.

a. Presented by Dr. E. Perceval Wright, F.Z.S., Dec. 20, 1867.

Genus Sialia.

24. *Sialia wilsonii*, Sw. Common Bluebird.

Hab. North America.

a. Purchased, Aug. 29, 1862.
b, *c*. Purchased, May 19, 1863.
d–*f*. Purchased, Dec. 13, 1866.
g–*l*. Purchased, March 15, 1868.
m. Bred in the Gardens, June 22, 1869.
n–*p*. Bred in the Gardens, Aug. 13, 1869.
q. Bred in the Gardens, June 4, 1870.
r. Bred in the Gardens, June 22, 1870.
s, *t*. Purchased, June 7, 1875.
u, *v*. Males; *w*, *x*. Females. Purchased, Feb. 19, 1880.
y, *z*. Bred in the Gardens, May 11, 1880.
a^1. Bred in the Gardens, July 19, 1880.
b^1, *c*^{1}. Bred in the Gardens, July 20, 1880.

Genus Daulias.

25. *Daulias philomela* (Bechst.). Eastern Nightingale.

Hab. South of Europe.

a. Presented by Sir S. Lakeman, May 18, 1869.

26. *Daulias luscinia* (Linn.). Nightingale.

Hab. Europe.

a. Purchased, 1865.
b. Presented by — Boswell, Esq., June 28, 1867.

c. Purchased, June 17, 1872.
d. Male; *e*, *f*. Females. Presented by W. Morgan, Esq., July 5, 1872.
g–i. Males. Presented by W. Morgan, Esq., July 29, 1872.
j. Presented by P. Frank, Esq., May 17, 1873.
k. Received in exchange, April 26, 1877.
l. Presented by — Gee, Esq., July 22, 1878.
m, *n*. Purchased, May 18, 1880.
o. Purchased, Sept. 22, 1880.
p, *q*. Presented by H. Grant, Esq., June 7, 1882.
r. Deposited, June 8, 1882.

Genus Sylvia.

27. *Sylvia cinerea*, Bechst. Whitethroat.
Hab. British Isles.

a. Purchased, May 3, 1872.

28. *Sylvia curruca* (Linn.). Lesser Whitethroat.
Hab. British Isles.

a, *b*. Presented by E. A. Field, Esq., Oct. 26, 1875.

29. *Sylvia atricapilla* (Linn.). Blackcap.
Hab. Europe.

a. Presented by Lieut. J. L. Hearne, R.N., April 9, 1874.
b. Presented by H. Grant, Esq., June 8, 1882.

Genus Phylloscopus.

30. *Phylloscopus sibilatrix* (Bechst.). Wood-Warbler.
Hab. British Islands.

a. Presented by J. Young, Esq., July 25, 1871.

31. *Phylloscopus trochilus* (Linn.). Willow-Warbler.
Hab. British Islands.

a. Presented by J. Young, Esq., July 25, 1871.

Genus Acrocephalus.

32. *Acrocephalus streperus* (Vieill.). Reed-Warbler.
Hab. British Islands.

a, *b*. Purchased, Sept. 15, 1871.

Genus CETTIA.

33. *Cettia cantans* (Temm. & Schl.). Japanese Warbler.

Hab. Japan.

a. Deposited, Sept. 6, 1878.

Subfam. ACCENTORINÆ.

Genus ACCENTOR.

34. *Accentor collaris* (Scopoli). Alpine Accentor.

Hab. Europe.

a. Received in exchange, April 30, 1879. See P. Z. S. 1879, p. 384.

Subfam. MIMINÆ.

Genus MIMUS.

35. *Mimus polyglottus* (Linn.). Northern Mocking-bird.

Hab. North America.

a. Purchased, 1860.
b, *c*. Purchased, Feb. 3, 1870.
d. Male; *e*. Female. Presented by W. Morgan, Esq., July 5, 1872.
f. Male. Deposited, July 16, 1872.
g. Female. Presented by Dr. Bree, F.Z.S., July 16, 1872.
h. Male; *i*. Female. Presented by W. Morgan, Esq., Aug. 1, 1872.
j. Female. Presented by P. Frank, Esq., May 17, 1873.
k–*m*. Hatched in the Gardens, May 26, 1873.
n. Hatched in the Gardens, July 15, 1873.
o. Hatched in the Gardens, July 20, 1874.
p–*u*. Deposited, Nov. 23, 1874.
v. Deposited, Sept. 21, 1878.
w–*a*^{1}. Presented by Mr. William Cross, Sept. 3, 1880.
b^1. Deposited, Dec. 10, 1880.

36. *Mimus saturninus*, Licht. Saturnine Mocking-bird.

Hab. Brazil.

a. Purchased, July 13, 1869.
b. Purchased, Oct. 15, 1878.
c. Purchased, Sept. 13, 1880.

Genus GALEOSCOPTES.

37. *Galeoscoptes carolinensis* (Linn.). Cat-bird.

Hab. Eastern United States.

a. Purchased, July 13, 1869.
b. Purchased, Feb. 3, 1870.

Genus HARPORHYNCHUS.

38. *Harporhynchus rufus* (Linn.). Brown Mock-Thrush.

Hab. North America.

a. Purchased, June 30, 1880.

Family CINCLIDÆ.

Genus CINCLUS.

39. *Cinclus aquaticus*, Bechst. Dipper.

Hab. British Islands.

a–c. Presented by W. Dunbar, Esq., May 13, 1869.
d, e. Presented by George Taylor, Esq., June 23, 1870.
f–j. Presented by F. Swabey, Esq., May 4, 1876.
k–m. Presented by B. G. D. Cooke, Esq., May 2, 1877.
n, o. Presented by R. J. L. Price, Esq., F.Z.S., May 11, 1878.
q–t. Presented by R. J. L. Price, Esq., F.Z.S., May 23, 1878.
u–x. Presented by F. Swabey, Esq., April 28, 1879.

Family PANURIDÆ.

Genus PANURUS.

40. *Panurus biarmicus* (Linn.). Bearded Titmouse.

Hab. Europe.

a, b. Males. Purchased, Oct. 1, 1861.
c. Female. Purchased, Dec. 12, 1863.
d. Purchased, Aug. 16, 1865.
e–h. Purchased, Aug. 25, 1865.
i. Presented by St. Julien Arabin, Esq., June 30, 1880.
j, k. Presented by J. Young, Esq., Nov. 17, 1880.

Family PARIDÆ.

Genus PARUS.

41. *Parus major*, Linn. Great Titmouse.

Hab. British Isles.

a, *b*. Received in exchange, Jan. 4, 1872.
c. Purchased, Feb. 4, 1873.

42. *Parus ater*, Linn. Coal Titmouse.

Hab. British Islands.

a–c. Purchased, May 5, 1873.

43. *Parus palustris*, Linn. Marsh-Titmouse.

Hab. British Isles.

a. Male; *b*. Female. Purchased, Jan. 31, 1872.
c. Presented by H. Grant, Esq., June 26, 1882.

44. *Parus borealis*, Selys. Northern Marsh-Titmouse.

Hab. North Europe.

a–f. Presented by Mr. A. H. Jamrach, May 3, 1882.

45. *Parus cæruleus*, Linn. Blue Titmouse.

Hab. British Isles.

a, *b*. Received in exchange, Jan. 4, 1872.

46. *Parus cyanus*, Pallas. Azure Titmouse.

Hab. North Europe.

a. Purchased, Oct. 14, 1874.

47. *Parus cristatus*, Linn. Crested Titmouse.

Hab. Northern Europe.

a–c. Purchased, Nov. 27, 1880.

Genus Liothrix.

48. *Liothrix luteus* (Scop.). Yellow-bellied Liothrix.
Hab. India.

a–d. Purchased, Sept. 4, 1866.
e, f. Received in exchange, Aug. 5, 1874.
g. Purchased, March 12, 1875.
h. Presented by W. Prehn, Esq., Aug. 15, 1876.
i. Presented by Gen. Breton, Oct. 27, 1877.
j. Presented by St. Julien Arabin, Esq., June 30, 1880.
k–l. Presented by Mrs. Hylton Joliffe, June 17, 1881.
m. Presented by Miss Mabel Crossbie, June 7, 1882.
n–o. Deposited, June 10, 1882.

Family SITTIDÆ.

Genus Sitta.

49. *Sitta cæsia*, Wolf. Nuthatch.
Hab. British Islands.

a. Purchased, April 30, 1860.
b, c. Purchased, Sept. 25, 1867.
d. Purchased, July 1, 1868.
e. Purchased, July 10, 1868.
f. Presented by F. Bond, Esq., F.Z.S., May 2, 1872.
g. Purchased, Feb. 27, 1877.
h. Purchased, Feb. 25, 1879.
i–n. Deposited, May 24, 1881.

50. *Sitta europæa*, Linn. White-bellied Nuthatch.
Hab. North Europe.

a. Purchased, Oct. 14, 1874.

Family MOTACILLIDÆ.

Genus Motacilla.

51. *Motacilla lugubris*, Temm. Pied Wagtail.
Hab. British Islands.

a, b. Purchased, Oct. 21, 1860.
c, d. Bred in the Gardens, 1863.
e, f. Bred in the Gardens, July 10, 1864.
g, h. Purchased, June 4, 1866.
i, j. Purchased, Oct. 8, 1866.
k. Purchased, Oct. 22, 1866.

l. Purchased, Aug. 1, 1871.
m. Purchased, Jan. 10, 1873.
n, *o*. Purchased, Oct. 2, 1876.
p. Purchased, Oct. 16, 1876.
q. Purchased, June 19, 1877.
r. Purchased, Sept. 28, 1878.
s. Purchased, March 22, 1879.
t, *u*. Presented by A. F. Wiener, Esq., F.Z.S., June 18, 1879.
v–*y*. Purchased, Oct. 28, 1879.
z. Purchased, Nov. 17, 1879.
a^1. Purchased, April 26, 1880.
b^1. Purchased, Jan. 15, 1881.
c^1–*f*^{1}. Purchased, Sept. 29, 1881.

52. *Motacilla alba*, Linn. White Wagtail.

Hab. Continental Europe.

a–*c*. Purchased, Sept. 25, 1867.
d. Purchased, Nov. 29, 1872.

53. *Motacilla melanope*, Pall. Grey Wagtail.

Hab. British Islands.

a–*e*. Purchased, Oct. 10, 1866.
d–*f*. Purchased, Sept. 26, 1867.
g, *h*. Purchased, Oct. 16, 1868.
i. Purchased, March 22, 1870.
j, *k*. Purchased, Oct. 2, 1871.
l. Purchased, Jan. 10, 1873.
m. Purchased, Oct. 19, 1875.
n, *o*. Presented by Mr. Swaysland, Nov. 10, 1881.

54. *Motacilla raii* (Bp.). Yellow Wagtail.

Hab. British Islands.

a. Purchased, Sept. 21, 1870.
b. Purchased, Oct. 2, 1871.
c, *d*. Presented by Messrs. Swaysland and Son, Sept. 14, 1875.
e, *f*. Presented by A. E. Field, Esq., Oct. 26, 1875.
g. Presented by H. Grant, Esq., June 26, 1882.

Genus Anthus.

55. *Anthus arboreus*, Bechst. Tree-Pipit.

Hab. British Islands.

a. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b, *c*. Purchased, April 22, 1872.
d, *e*. Purchased, Nov. 29, 1872.
f. Presented by Messrs. Swaysland and Son, Sept. 14, 1875.

56. *Anthus pratensis* (Linn.). Meadow-Pipit.
Hab. British Islands.

a. Presented by Messrs. Swaysland and Son, Sept. 14, 1875.
b, *c*. Presented by J. Young, Esq., May 9, 1877.
d. Purchased, April 7, 1880.
e. Purchased, April 17, 1882.

57. *Anthus richardi*, Vieill. Richard's Pipit.
Hab. Northern Asia.

a. Purchased, Oct. 8, 1866.

Genus Grallina.

58. *Grallina australis*, Gray. Pied Grallina.
Hab. Australia.

a. Male: *b*. Female. Presented by Dr. Mueller, C.M.Z.S., Jan. 27, 1863.

Family PYCNONOTIDÆ.

Genus Pycnonotus.

59. *Pycnonotus pygæus* (Hodgs.). Black Bulbul.
Hab. Bengal.

a, *b*. Purchased, April 6, 1864.
c. Purchased, July 13, 1869.

60. *Pycnonotus leucotis* (Gould). White-eared Bulbul.
Hab. North-west India.

a. Purchased, March 21, 1868.
b, *c*. Purchased, March 14, 1871.
d. Presented by Mrs. Arabin, F.Z.S., March 14, 1878.
e. Presented by J. W. Wooler, Esq., Aug. 24, 1878.

61. *Pycnonotus leucogenys*, Gray. White-cheeked Bulbul.
Hab. India.

a. Purchased, March 9, 1878.

62. *Pycnonotus jocosus* (Linn.). Red-eared Bulbul.

Hab. India.

a–e. Purchased, June 8, 1865.
f. Male; *g*. Female. Purchased, March 13, 1873.
h, *i*. Females. Purchased, April 25, 1873.
j, *k*. Purchased, June 18, 1873.

63. *Pycnonotus hæmorrhous* (Gm.). Red-vented Bulbul.

Hab. India.

a. Purchased, May 9, 1872.
b. Purchased, April 25, 1873.
c. Deposited, June 26, 1874.
d, *e*. Presented by Col. A. L. Annesley, Feb. 20, 1878.

64. *Pycnonotus crocorrhous*, Strickl. Yellow-vented Bulbul.

Hab. Sumatra.

a. Purchased, Sept. 7, 1865.
b. Deposited, Oct. 8, 1874.

65. *Pycnonotus xanthopygos*, H. & E. Syrian Bulbul.

Hab. Syria.

a. Presented by E. T. Rogers, Esq., C.M.Z.S., April 12, 1875.
See P. Z. S. 1875, p. 348.

Genus Hemixos.

66. *Hemixos flavala*, Hodgs. Brown-eared Bulbul.

Hab. Himalayas.

a–c. Purchased, March 8, 1877. P. Z. S. 1877, p. 303.

Genus Hypsipetes.

67. *Hypsipetes maclellandi* (Horsf.). Rufous-bellied Bulbul.

Hab. Himalayas.

a, *b*. Purchased, March 8, 1877.
c. Presented by Mrs. Arabin, F.Z.S., April 11, 1877.

Genus Phyllornis.

68. *Phyllornis aurifrons*, Temm. Malabar Green Bulbul.
Hab. India.

a. Purchased, Jan. 12, 1874.

69. *Phyllornis hardwickii* (Jard. et Selby). Blue-winged Green Bulbul.
Hab. India.

a. Presented by Mr. A. H. Jamrach, May 23, 1879.

Family CRATEROPODIDÆ.

Genus Garrulax.

70. *Garrulax chinensis* (Scop.). Chinese Jay-Thrush.
Hab. China.

a. Male. Presented by Robert Swinhoe, Esq., F.Z.S., H.B.M.'s Consul at Amoy, July 23, 1865.
b, *c*. Purchased, May 4, 1871.
d, *e*. Purchased, May 5, 1875.
f. Presented by E. Hawkins, Esq., June 1, 1876.
g, *h*. Received in exchange, Sept. 29, 1876.

71. *Garrulax perspicillatus* (Gm.). Masked Jay-Thrush.
Hab. China.

a, *b*. Purchased, July 22, 1874.

72. *Garrulax picticollis*, Swinhoe. Collared Jay-Thrush.
Hab. China.

a. Purchased, Oct. 30, 1873. See P. Z. S. 1873, p. 761.

73. *Garrulax leucolophus* (Hardw.). White-crested Jay-Thrush.
Hab. Himalayas.

a–*c*. Purchased, Aug. 15, 1876. See P. Z. S. 1876, p. 695.

74. *Garrulax albogularis*, Gould. White-throated Jay-Thrush.
Hab. India.

a, *b*. Purchased, Dec. 12, 1876. See P. Z. S. 1877, p. 2.

Genus Trochalopteron.

75. *Trochalopteron erythrocephalum* (Vigors). Red-headed Laughing Thrush.

Hab. Himalayas.

a. Purchased, March 8, 1877.

Genus Sibia.

76. *Sibia capistrata* (Vig.). Black-headed Sibia.

Hab. Himalayas.

a–c. Purchased, March 8, 1877. See P. Z. S. 1877, p. 303.

Genus Leucodioptron.

77. *Leucodioptron canorum*, Linn. Melodious Jay Thrush.

Hab. China.

a. Purchased, Nov. 22, 1872.

Genus Chrysomma.

78. *Chrysomma sinense* (Gm.). Golden-eyed Babbler.

Hab. India.

a–d. Purchased, June 3, 1868.

Genus Grammatoptila.

79. *Grammatoptila striata* (Vig.). Striated Jay Thrush.

Hab. Himalayas.

a, *b*. Purchased, March 8, 1877. See P. Z. S. 1877, p. 303.

Genus Struthidea.

80. *Struthidea cinerea*, Gould. Grey Struthidea.

Hab. Australia.

a, *b*. Received in exchange, March 9, 1872. See P. Z. S. 1872, p. 603.
c. Purchased, Nov. 22, 1872.
d. Received in exchange, Sept. 29, 1876.
e. Purchased, Jan. 15, 1880.

Family ORIOLIDÆ.

Genus Sericulus.

81. *Sericulus melinus* (Lath.). Regent Bird.
Hab. Australia.

a. Presented by Dr. Mueller, C.M.Z.S., Jan. 28, 1867.
b. Purchased, May 14, 1868. See P. Z. S. 1868, p. 404.
c, *d*. Purchased, Dec. 3, 1868. See P. Z. S. 1868, p. 622.
e. Male. Presented by F. H. Bowyer Bower, Esq., Oct. 6, 1881.

Genus Oriolus.

82. *Oriolus indicus* (Gm.). Black-naped Oriole.
Hab. India.

a. Purchased, June 12, 1875.

83. *Oriolus galbula*, Linn. Golden Oriole.
Hab. Europe.

a–c. Presented by Mrs. A. H. Jamrach, Dec. 22, 1876.

84. *Oriolus kundoo*, Sykes. Sykes's Oriole.
Hab. India.

a. Received in exchange, Nov. 5, 1878.

Family DICRURIDÆ.

Genus Chibia.

85. *Chibia hottentotta* (Linn.). Indian Drongo.
Hab. India.

a. Purchased, Jan. 29, 1866.

Family ARTAMIDÆ.

Genus Artamus.

86. *Artamus superciliosus*, Gould. White-eyebrowed Wood-Swallow.

Hab. New South Wales.

a, *b*. Presented by the Acclimatization Society of Melbourne, July 21, 1866. See P. Z. S. 1866, p. 418.
c, *d*. Bred in the Gardens, July 2, 1870.
e. Purchased, July 23, 1875.

Family LANIIDÆ.

Genus Lanius.

87. *Lanius excubitor*, Linn. Great Grey Shrike.

Hab. Europe.

a. Presented by F. Bond, Esq., F.Z.S., June 29, 1871.
b. Presented by R. Mitford, Esq., July 4, 1871.
c. Presented by R. Mitford, Esq., Sept. 30, 1871.
d. Presented by Mr. Hawkins, April 9, 1878.

88. *Lanius collurio*, Linn. Red-backed Shrike.

Hab. British Islands.

a, *b*. Purchased, Sept. 25, 1867.
c. Presented by Mr. Felkin, Sept. 5, 1868.
d. Purchased, July 23, 1871.
e. Purchased, Aug. 12, 1871.
f. Purchased, May 20, 1876.
g. Purchased, June 14, 1876.
h. Presented by Capt. Salvin, Sept. 27, 1877.

Genus Laniarius.

89. *Laniarius quadricolor*, Cassin. Four-coloured Shrike.

Hab. South Africa.

a. Presented by Col. J. W. Bowker, Sept. 3, 1882.

Family AMPELIDÆ.

Genus Ampelis.

90. *Ampelis garrulus,* Linn. Waxwing.
Hab. Europe.

a, *b*. Purchased, June 6, 1867.
c, *d*. Presented by Sherard Schaefer, Esq., Oct. 6, 1872.
e, *f*. Purchased, Dec. 12, 1877.
g. Presented by A. F. Wiener, Esq., F.Z.S., Sept 29, 1879.
h. Deposited, Oct. 20, 1880.
i–*m*. Born in the Gardens, June 10, 1881.
n. Presented by W. H. St. Quintin, Esq., Feb. 22, 1882.

91. *Ampelis cedrorum* (Vieill.). Cedar-bird.
Hab. North America.

a. Purchased, July 11, 1882.

Family MUSCICAPIDÆ.

Genus Muscicapa.

92. *Muscicapa atricapilla,* Linn. Pied Flycatcher.
Hab. British Islands.

a. Presented by F. Bond, Esq., F.Z.S., Oct. 7, 1868. Caught near Hampstead.

Family HIRUNDINIDÆ.

Genus Hirundo.

93. *Hirundo rustica,* Linn. Swallow.
Hab. British Islands.

a. Purchased, Feb. 5, 1881.

Family NECTARINIIDÆ.

Genus Zosterops.

94. *Zosterops lateralis* (Lath.). Lateral White-eye.
Hab. New Zealand.

a–f. Presented by Mr. Bills, Aug. 31, 1872.

95. *Zosterops dorsalis*, Vig. et Horsf. Grey-backed White-eyes.
Hab. Australia.

a. Presented by Mr. J. Abrahams, April 3, 1882.

Family MELIPHAGIDÆ.

Genus Prosthemadera.

96. *Prosthemadera novæ-zealandiæ* (Gm.). Poë Honey-eater.
Hab. New Zealand.

a. Presented by James M'Quade, Esq., Aug. 12, 1865.
b. Purchased, July 14, 1866.
c. Presented by William Saunders, Esq., Sept. 27, 1867.
d. Presented by Mrs. Bills, Aug. 29, 1871.
e. Presented by Capt. Alexander, Nov. 3, 1871.
f. Presented by Mrs. Arabin, June 11, 1875.

Genus Anthornis.

97. *Anthornis melanura* (Sparrm.). Black-tailed Flower-bird.
Hab. New Zealand.

a. Purchased, Aug. 16, 1871.
b. Presented by Mr. Bills, Aug. 31, 1872.

Genus Xanthomyza.

98. *Xanthomyza phrygia* (Lath.). Warty-faced Honey-eater.
Hab. Australia.

a–d. Purchased, Feb. 8, 1882.

Genus Entomyza.

99. *Entomyza cyanotis* (Lath). Blue-faced Honey-eater.
Hab. Australia.

a. Purchased, May 3, 1882.

Family CŒREBIDÆ.

Genus Cœreba.

100. *Cœreba cyanea* (Linn.). Yellow-winged Sugar-bird.
Hab. South America.

a, *b*. Purchased, Dec. 14, 1864.
c–g. Presented by A. Davidson, Esq., June 28, 1872.
h–j. Purchased, April 22, 1875.
k–m. Purchased, July 19, 1875.
n, *o*. Purchased, Nov. 16, 1875.
p. Purchased, Sept. 14, 1877.
q. Purchased, Oct. 17, 1877.
r–t. Purchased, Dec. 9, 1878.
u. Purchased, Jan. 16, 1879.

Genus Dacnis.

101. *Dacnis cayana* (Linn.). Blue Sugar-bird.
Hab. South America.

a. Purchased, Aug. 7, 1866.
b. Purchased, Oct. 20, 1873.
c–e. Purchased, July 19, 1875.

Family TANAGRIDÆ.

Genus Chlorophonia.

102. *Chlorophonia viridis* (Vieill.). All-green Tanager.
Hab. Brazil.

a, *b*. Purchased, Nov. 16, 1875. See P. Z. S. 1875, p. 633.
c–h. Purchased, July 20, 1876.

Genus Euphonia.

103. *Euphonia violacea* (Linn.). Violet Tanager.
Hab. Brazil.

a–f. Purchased, Feb. 10, 1865.
g–j. Presented by Capt. Jarvis, Sept. 9, 1872.
k, *l*. Presented by Capt. Jarvis, July 21, 1874.
m–o. Purchased, July 19, 1875.
p, *q*. Purchased, July 20, 1876.
r. Purchased, Sept. 14, 1877.
s. Purchased, Jan. 14, 1878.
t–v. Purchased, June 14, 1879.

104. *Euphonia crassirostris*, Sclater. Thick-billed Tanager.
Hab. Central America.

a. Presented by Mr. Davidson, June 28, 1872.
b. Female. Purchased, July 15, 1878.
c. Purchased, Sept. 3, 1879.

105. *Euphonia nigricollis* (Vieill.). Black-necked Tanager.
Hab. Brazil.

a. Purchased, Aug. 7, 1866.

106. *Euphonia pectoralis* (Lath.). Pectoral Tanager.
Hab. Brazil.

a. Purchased, July 19, 1875. See P. Z. S. 1875, p. 529.

Genus Pipridea.

107. *Pipridea melanonota* (Vieill.). Black-backed Tanager.
Hab. Brazil.

a, *b*. Purchased, Aug. 7, 1866.

Genus Calliste.

108. *Calliste festiva* (Shaw). Festive Tanager.
Hab. Brazil.

a. Purchased, July 19, 1875. See P. Z. S. 1875, p. 529.
b–g. Purchased, July 20, 1876.

109. *Calliste fastuosa* (Less.). Superb Tanager.

Hab. Pernambuco.

a. Purchased, May 3, 1865.
b. Purchased, March 6, 1867.
c–g. Purchased, Aug. 10, 1867.
h, *i*. Purchased, July 19, 1875.
j, *k*. Purchased, April 14, 1877.
l. Purchased, Jan. 14, 1878.
m. Purchased, Jan. 16, 1879.
n. Purchased, Sept. 3, 1879.

110. *Calliste tricolor* (Gm.). Green-headed Tanager.

Hab. South-east Brazil.

a. Purchased, Nov. 24, 1865.
b. Purchased, June 4, 1866.
c, *d*. Purchased, Aug. 7, 1876.
e. Purchased, Oct. 20, 1873.
f–n. Purchased, July 20, 1876.

111. *Calliste brasiliensis* (Linn.). Blue-and-black Tanager.

Hab. Brazil.

a–f. Purchased, Oct. 20, 1873.
g. Purchased, Oct. 16, 1880. From Bahia.

112. *Calliste melanonota* (Vieill.). Black-shouldered Tanager.

Hab. Brazil.

a. Purchased, Oct. 20, 1873.
b. Purchased, Sept. 3, 1879.

Genus TANAGRA.

113. *Tanagra cana*, Sw. Silver-blue Tanager.

Hab. South America.

a. Purchased, Aug. 20, 1864.
b, *c*. Purchased, Nov. 17, 1875.
d. Purchased, July 18, 1876.

114. *Tanagra sayaca* (Linn.). Sayaca Tanager.

Hab. Guiana.

a–d. Purchased, July 20, 1876.

115. *Tanagra cyanoptera* (Vieill.). Blue-shouldered Tanager.
Hab. Brazil.

a, b. Purchased, Oct. 29, 1864.
c, d. Presented by Dr. Palin, C.M.Z.S., May 2, 1868.
e. Male. Purchased, June 10, 1869.
f–h. Purchased, Aug. 27, 1870.
i–k. Purchased, March 31, 1877.
l. Deposited, May 4, 1881.
m. Presented by E. L. Marshall, Esq., Sept. 6, 1881.
n, o. Purchased, July 20, 1882.

116. *Tanagra palmarum* (Max.). Palm-Tanager.
Hab. South America.

a. Purchased, April 19, 1875.
b. Purchased, Oct. 15, 1878.
c. Purchased, Sept. 3, 1879.

117. *Tanagra ornata*, Sparrm. Archbishop Tanager.
Hab. Brazil.

a. Purchased, Aug. 30, 1866.

118. *Tanagra striata* (Gm.). Striated Tanager.
Hab. Buenos Ayres.

a. Male. Purchased, July 20, 1882.

Genus Tachyphonus.

119. *Tachyphonus melaleucus* (Sparrm.). Black Tanager.
Hab. South America.

a. Purchased, June 19, 1867.
b. Purchased, April 25, 1873.
c. Female. Purchased, Oct. 17, 1877.
f. Purchased, Oct. 16, 1880. From Pernambuco.

120. *Tachyphonus coronatus* (Vieill.). Crowned Tanager.
Hab. Brazil.

a. Male. Purchased, Sept. 3, 1879.

Genus Pyranga.

121. *Pyranga saira* (Spix). Saira Tanager.
Hab. South America.

a. Male; *b*. Female. Purchased, Jan. 24, 1879.

Genus Ramphocœlus.

122. *Ramphocœlus brasilius* (Linn.). Brazilian Tanager.
Hab. Brazil.

a. Male. Purchased, July 14, 1863.
b. Male. Purchased, July 19, 1875.
c. Purchased, Oct. 19, 1876.
d. Purchased, June 19, 1879.
e. Presented by St. Julien Arabin, Esq., June 30, 1880.
f. Purchased, Oct. 16, 1880. From Bahia.
g. Female. Presented by Dr. A. Stradling, C.M.Z.S., Sept. 5, 1881.

Genus Cissopis.

123. *Cissopis leveriana* (Gm.). Magpie Tanager.
Hab. South-east Brazil.

a. Purchased, Aug. 11, 1868.
b, *c*. Purchased, July 29, 1869.

Genus Saltator.

124. *Saltator aurantiirostris* (Vieill.). Orange-billed Tanager.
Hab. La Plata.

a. Female. Purchased, June 19, 1868.

125. *Saltator similis*, d'Orb. et Lafr. Allied Saltator.
Hab. Brazil.

a. Purchased, July 20, 1882.

Genus Orchesticus.

126. *Orchesticus ater* (Gm.). Black-headed Tanager.
Hab. Brazil.

a. Purchased, Oct. 16, 1880. From Pernambuco.

Genus Diucopis.

127. *Diucopis fasciata* (Licht.). Fasciated Tanager.
Hab. Brazil.

a. Purchased, March 8, 1864. From Para.

Genus Pitylus.

128. *Pitylus fuliginosus* (Daud.). Fuliginous Tanager.
Hab. South America.

a. Purchased, Oct. 19, 1876.

Family PLOCEIDÆ.

Genus Estrelda.

a. *Species Australianæ.*

129. *Estrelda ruficauda,* Gould. Red-tailed Finch.
Hab. New South Wales.

a–d. Presented by A. Denison, Esq., May 1860. See P. Z. S. 1861, p. 196.
e. Purchased, April 28, 1861.
f–h. Purchased, April 16, 1864.

130. *Estrelda phaëton,* Hombr. et Jacq. Crimson Finch.
Hab. Port Essington.

a, b. Males. Presented by A. Denison, Esq., F.Z.S., June 5, 1861. See P. Z. S. 1861, p. 196.
c. Purchased, July 29, 1867.
d–g. Purchased, May 8, 1868.

131. *Estrelda bichenovii* (Jard. et Selb.). Bicheno's Finch.
Hab. Queensland.

a–d. Presented by A. Denison, Esq., F.Z.S., June 5, 1861. See P. Z. S. 1861, p. 196.
e–h. Purchased, June 7, 1872.
i. Purchased, Sept. 19, 1874.
j, k. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.

132. *Estrelda temporalis* (Lath.). Australian Waxbill.

Hab. Australia.

a–d. Purchased, Nov. 4, 1861.
e–j. Presented by Dr. Mueller, C.M.Z.S., May 26, 1865.
k–z. Presented by Dr. Mueller, C.M.Z.S., June 15, 1865.

133. *Estrelda bella* (Lath.). Beautiful Finch.

Hab. Australia.

a, b. Purchased, May 24, 1870.
c–f. Purchased, June 14, 1880.
g, h. Presented by Mr. J. Abrahams, May 11, 1882.

b. *Species Indicæ.*

134. *Estrelda amandava* (Linn.). Amaduvade Finch.

Hab. India.

a, b. Deposited, Aug. 23, 1864.
c, d. Deposited, Feb. 11, 1865.
e–g. Purchased, March 15, 1869.
h, i. Presented by W. D. Barker, Jun., Esq., Jan. 12, 1876.
j, k. Presented by P. M. Barlow, Esq., Feb. 5, 1876.
l–u. Presented by J. W. Wilson, Esq., July 26, 1880.
v, w. Presented by Mrs. Beauclerk, April 6, 1882.

135. *Estrelda formosa* (Latham). Green Waxbill.

Hab. India.

a–e. Purchased, Feb. 1, 1878.
f, g. Purchased, July 20, 1882.

c. *Species Africanæ.*

136. *Estrelda cinerea* (Vieill.). Common Waxbill.

Hab. West Africa.

a, b. Purchased, May 8, 1860.
c, d. Deposited, Feb. 11, 1865.
e–h. Purchased, March 15, 1869.
i–l. Received in exchange, Dec. 12, 1877.
m. Presented by J. C. Thorowgood, Esq., Oct. 13, 1879.
n, o. Deposited, Nov. 23, 1881.
p, q. Presented by Miss E. à Court, Sept. 29, 1882.

137. *Estrelda rubriventris* (Vieill.). Red-bellied Waxbill.

Hab. West Africa.

a, *b*. Purchased, May 29, 1862.
c. Presented by Mrs. Gerrard Maynell, Dec. 8, 1864.
d–*g*. Purchased, July 20, 1867.
h–*k*. Presented by W. G. Dowling, Esq., Jan. 23, 1869.
l–*o*. Purchased, July 19, 1875.
p–*r*. Presented by the Misses S. E. P. and A. Warre, June 22, 1876.

138. *Estrelda dufresnii* (Vieill.). Dufresne's Waxbill.

Hab. Natal.

a, *b*. Purchased, Aug. 12, 1863.
c–*i*. Purchased, May 23, 1870.

139. *Estrelda melpoda* (Vieill.). Orange-cheeked Waxbill.

Hab. West Africa.

a, *b*. Purchased, April 25, 1862.
c, *d*. Deposited, Aug. 23, 1864.
e, *f*. Deposited, Feb. 11, 1865.
g. Deposited, Feb. 1, 1866.
h–*k*. Purchased, March 15, 1869.
l, *m*. Purchased, April 2, 1872.
n–*s*. Received in exchange, Dec. 12, 1877.
t, *u*. Deposited, Nov. 23, 1881.

140. *Estrelda phœnicotis*, Sw. Crimson-eared Waxbill.

Hab. West Africa.

a. Purchased, Oct. 31, 1862.
b–*d*. Deposited, Aug. 23, 1864
e, *f*. Deposited, Feb. 11, 1865.
g, *h*. Purchased, March 21, 1868.
i–*l*. Purchased, March 15, 1869.
m. Presented by C. Williams, Esq., May 25, 1880.
n. Purchased, May 31, 1880.
o. Presented by Mrs. Beauclerk, April 6, 1882.

141. *Estrelda cærulescens* (Vieill.). Cinereous Waxbill.

Hab. West Africa.

a, *b*. Purchased, March 21, 1868.
c, *d*. Purchased, March 10, 1871.
e, *f*. Purchased, May 31, 1880.

142. *Estrelda subflava* (Vieill.). Zebra Waxbill.
Hab. Africa.

a. Deposited, Aug. 23, 1864.
b–e. Purchased, Sept. 21, 1881.
f–h. Presented by Mrs. Beauclerk, April 6, 1882.

143. *Estrelda squamifrons*, Smith. Scaly-fronted Finch.
Hab. Africa.

a–e. Purchased, Sept. 29, 1876.

Genus Spermestes.

144. *Spermestes cucullata*, Swains. Hooded Finch.
Hab. West Africa.

a–f. Deposited, Aug. 10, 1858.
g–j. Received in exchange, March 15, 1869.
k, *l*. Purchased, April 2, 1872.
m, *n*. Presented by A. Brown, Esq., July 11, 1878.

145. *Spermestes fringilloides* (Lafr.). Pied Grass-Finch.
Hab. West Africa.

a, *b*. Males; *c*, *d*. Females. Purchased, Feb. 14, 1871. See P. Z. S. 1871, p. 258.
e–g. Received in exchange, May 18, 1877.
h–j. Received in exchange, Mar. 21, 1878.

Genus Pytelia.

146. *Pytelia melba* (Linn.). Crimson-faced Waxbill.
Hab. South Africa.

a. Purchased, May 8, 1869.
b, *c*. Purchased, June 30, 1873.
d. Presented by Miss Barlow, June 24, 1876.

147. *Pytelia citerior*, Strickl. Western Melba Waxbill.
Hab. West Africa.

a, *b*. Purchased, Sept. 22, 1876.

148. *Pytelia phœnicoptera*, Sw. Crimson-winged Waxbill.
Hab. West Africa.

a. Purchased, Jan. 12, 1874.
b–d. Purchased, May 23, 1874.
e. Received in exchange, May 8, 1877.
f, *g*. Presented by A. Krehl, Esq., Sept. 3, 1882.

149. *Pytelia wieneri*, Finsch. Wiener's Finch.
Hab. Africa.

a. Presented by A. F. Wiener, Esq., F.Z.S., June 18, 1879.
b. Presented by M. C. Angel, Esq., F.Z.S., April 6, 1881.

Genus Amadina.

150. *Amadina fasciata* (Gm.). Cut-throat Finch.
Hab. West Africa.

a. Male; *b*. Female. Purchased, Jan. 4, 1864.
c, *d*. Purchased, March 13, 1868.
e, *f*. Presented by Lieut.-Col. Hearne, April 9, 1874.

151. *Amadina erythrocephala*, A. Smith. Red-headed Finch.
Hab. South Africa.

a, *b*. Females. Received in exchange, May 1877.

152. *Amadina bicolor*, Fraser. Cape-Palmas Finch.
Hab. West Africa.

a, *b*. Purchased, April 3, 1872.

153. *Amadina modesta*, Gould. Modest Grass-Finch.
Hab. Australia.

a. Purchased, April 25, 1862. See P. Z. S. 1862, p. 185.
b, *c*. Purchased, June 7, 1872.
d, *e*. Purchased, Sept. 19, 1874.
f, *g*. Males; *h*. Females. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.

154. *Amadina castanotis*, Gould. Chestnut-eared Finch.
Hab. Australia.

a–f. Purchased, Oct. 18, 1862.
g. Purchased, July 29, 1867.
h, *i*. Purchased, March 2, 1868.

j, *k*. Males; *l*, *m*. Females. Purchased, May 5, 1871.
n–*p*. Presented by Mrs. G. F. Angus, May 25, 1875.
q. Presented by St. Julien Arabin, Esq., June 30, 1880.
r, *s*. Males; *t*, *u*. Females. Purchased, April 6, 1881.

155. *Amadina lathami* (Vig. et Horsf.). Spotted-sided Finch.
Hab. Australia.

a–*d*. Purchased, April 16, 1864.
e, *f*. Deposited, Aug. 23, 1864.
g, *h*. Deposited, Feb. 11, 1865.
i, *j*. Males; *k*, *l*. Females. Purchased, June 16, 1865.
m, *n*. Bred in the Gardens, Oct. 10, 1865.
o, *p*. Purchased, March 13, 1868.
q, *r*. Purchased, May 11, 1869.
s–*u*. Purchased, June 3, 1870.
v, *w*. Purchased, May 29, 1872.
x, *y*. Purchased, April 29, 1873.
z, a^1. Presented by J. M. Mitchell, Esq., Sept. 7, 1877.
b^1. Presented by St. Julien Arabin, Esq., June 30, 1880.

Genus Munia.

156. *Munia punctularia* (Lath.). Nutmeg-bird.
Hab. India.

a–*d*. Purchased, May 29, 1862.
e. Purchased, July 29, 1867.
f, *g*. Males. Presented by W. G. Dowling, Esq., Jan. 23, 1869.
h. Presented by H. D. Barker, Jun., Esq., Jan. 12, 1876.
i, *j*. Presented by Mrs. Hylton Joliffe, April 16, 1880.
k. Presented by H. H. Johnston, Esq., April 13, 1881.
l. Purchased, August 9, 1881.

157. *Munia topela*, Swinhoe. Topela Finch.
Hab. China.

a, *b*. Purchased, August 2, 1881.

158. *Munia nisoria* (Temm.). Bar-breasted Finch.
Hab. Java.

a. Purchased, August 10, 1881.

159. *Munia malacca* (Linn.). Black-headed Finch.
Hab. India.

a, *b*. Purchased, May 29, 1862.
c. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.

160. *Munia rubro-nigra,* Hodgson. Chestnut-bellied Finch.
Hab. India.

a. Presented by Miss M. Jackson, July 6, 1878.
b, *c*. Presented by St. Julien Arabin, Esq., June 30, 1880.
d. Deposited, Nov. 23, 1881.

161. *Munia striata* (Linn.). Striated Finch.
Hab. India.

a. Purchased, Oct. 6, 1860.
b, *c*. Varieties from Japan. Purchased, Oct. 6, 1860.

162. *Munia acuticauda* (Hodgs.). Sharp-tailed Finch.
Hab. India.

a–d. From Japan. Purchased, Oct. 6, 1860.

163. *Munia malabarica* (Linn.). Indian Silver-bill.
Hab. India.

a–d. Purchased, July 4, 1862.
e. Purchased, April 3, 1872.
f. Deposited, Nov. 23, 1881.

164. *Munia maja* (Linn.). Maja Finch.
Hab. Malacca.

a–d. Purchased, April 29, 1867.
e, *f*. Purchased, April 3, 1872.
g, *h*. Deposited, Nov. 23, 1881.

165. *Munia ferruginea* (Gm.). Javan Maja Finch.
Hab. Java.

a–d. Purchased, April 29, 1867.

166. *Munia cantans* (Gm.). African Silver-bill.
Hab. North-east Africa.

a. Purchased, 1860.
b. Deposited, Feb. 11, 1865.
c–f. Purchased, March 15, 1869.
g, *h*. Received in exchange, Dec. 12, 1877.

Genus Poëphila.

167. *Poëphila cincta*, Gould. Banded Grass-Finch.

Hab. Queensland.

a–d. Presented by A. Denison, Esq., F.Z.S., June 5, 1861. See P. Z. S. 1861, p. 196.
e, *f*. Purchased, May 18, 1866.
g. Purchased, April 13, 1868.
h. Presented by the Acclimatization Society of Queensland, June 23, 1869.
i, *j*. Males; *k*, *l*. Females. Received in exchange, June 27, 1870.
m–p. Purchased, June 7, 1872.
q. Presented by Mrs. Hylton Joliffe, June 17, 1881.
r, *s*. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.
t–w. Bred in the Gardens, Sept. 19, 1882.

Genus Donacola.

168. *Donacola castaneothorax*, Gould. Chestnut-breasted Finch.

Hab. Queensland.

a–d. Presented by A. Denison, Esq., F.Z.S., June 5, 1861. See P. Z. S. 1861, p. 196.
e, *f*. Purchased, April 28, 1861.
g. Purchased, July 29, 1867.
h–u. Presented by the Acclimatization Society of Queensland, June 23, 1869.
v–z. Purchased, May 6, 1870.
a^1. Presented by Mrs. Hylton Joliffe, April 17, 1880.

Genus Padda.

169. *Padda oryzivora* (Linn.). Java Sparrow.

Hab. Java.

a. Purchased, Oct. 6, 1860.
b–f. Presented by Charles Sidgreaves, Esq., April 10, 1864.
g–i. Purchased, June 3, 1870.
j. Presented by the Misses Warre, June 12, 1876.
k. Presented by Miss S. de Holter, Nov. 2, 1876.
l. Purchased, Sept. 24, 1877.
m. Presented by St. Julien Arabin, Esq., June 30, 1880.
n. Presented by Miss M. North, May 31, 1882.

Genus Erythrura.

170. *Erythrura prasina* (Sparrm.). Fire-tailed Finch.
Hab. Java and Sumatra.

a, *b*. Purchased, April 27, 1868.
c–*h*. Deposited, Sept. 21, 1874.
i–*k*. Purchased, March 26, 1877.
l, *m*. Presented by Mons. J. M. Cornély, C.M.Z.S., March 6, 1881.

Genus Vidua.

171. *Vidua paradisea* (Linn.). Paradise Whydah Bird.
Hab. West Africa.

a. Male. Purchased, Sept. 7, 1860.
b–*e*. Purchased, May 29, 1868.
f–*h*. Males. Presented by Dr. F. Wickstead, March 1, 1870.
i. Presented by Lieut. J. L. Hearne, April 18, 1873.
j, *k*. Presented by Lieut. J. L. Hearne, April 9, 1874.
l. Received in exchange, Dec. 24, 1874.
m–*p*. Presented by A. Brown, Esq., July 11, 1878.
q–*v*. Presented by J. Colman, Esq., C.M.Z.S., May 11, 1880.
w. Presented by St. Julien Arabin, Esq., June 30, 1880.
x. Received in exchange, Dec. 1, 1880.
y–*a*^{1}. Presented by Maurice C. Angel, Esq., April 6, 1881, From Mozambique.
b^1. Presented by T. H. Bowyer Bower, Esq., Oct. 13, 1881.

172. *Vidua principalis* (Linn.). Pin-tailed Whydah Bird.
Hab. Africa.

a. Presented by James Dixon, Esq., F.Z.S., April 30, 1870.
b. Presented by A. Brown, Esq., July 11, 1878.
c, *d*. Presented by Capt. J. H. Bowyer, Dec. 2, 1879.
e. Presented by M. C. Angel, Esq., F.Z.S., April 6, 1881.

173. *Vidua ardens* (Bodd.). Red-chested Whydah-bird.
Hab. West Africa.

a, *b*. Presented by Mons. J. M. Cornély, C.M.Z.S., March 6, 1881.

Genus Chera.

174. *Chera progne* (Bodd.). Long-tailed Weaver-bird.
Hab. South Africa.

a–*e*. Purchased, May 23, 1870.

Genus Hypochera.

175. *Hypochera nitens*, Gm. Shining Weaver-bird.

Hab. Africa.

a. Received in exchange, May 18, 1877.
b, *c*. Presented by Maurice C. Angel, Esq,, April 6, 1881.
d. Presented by Mrs. Beauclerk, April 6, 1882.

176. *Hypochera splendens* (Reichen.). Resplendent Weaver-bird.

Hab. East Africa.

a. Presented by Archibald Forbes, Esq., July 11, 1878. Previously determined as *Vidua principalis*. *Cf.* W. A. Forbes, P. Z. S. 1880, p. 475, pl. xlvii, fig. 1.

Genus Coliopasser.

177. *Coliopasser macrurus* (Gm.). Yellow-backed Whydah Bird.

Hab. West Africa.

a. Male. Purchased, Sept. 7, 1860.
b. Purchased, April 10, 1867.
c, *d*. Presented by Miss Charlotte Boyle, April 27, 1867.
e–h. Presented by Miss Charlotte Boyle, March 12, 1869.
i, *j*. Presented by J. Colman, Esq., C.M.Z.S., May 11, 1880.

Genus Urobrachya.

178. *Urobrachya albonotata* (Cassin). White-winged Whydah Bird.

Hab. South-eastern Africa.

a–c. Purchased, Aug. 2, 1870.
d. Presented by J. Fairchild, Esq., April 20, 1874.
e. Presented by J. Colman, Esq., C.M.Z.S., May 11, 1880.

179. *Urobrachya axillaris* (Smith). Red-shouldered Weaver-bird.

Hab. East Africa.

a. Presented by Maurice C. Angel, Esq., F.Z.S., April 6, 1881.

180. *Urobrachya bocagii* (Sharpe). Orange-shouldered Weaver-bird.

Hab. Angola.

a, *b*. Males. Purchased, June 17, 1869.
c, *d*. Purchased, May 23, 1870.

Genus Euplectes.

181. *Euplectes oryx* (Linn.). Grenadier Weaver-bird.

Hab. West Africa.

a, *b*. Purchased, Sept. 17, 1862.
c–*f*. Yellow variety. Purchased, Sept. 2, 1865.
g, *h*. Males; *i*, *j*. Females. Purchased, Jan. 12, 1874.
k, *l*. Deposited, Sept. 25, 1878.
m, *n*. Purchased, Sept. 21, 1881.

182. *Euplectes flammiceps*, Sw. Crimson-crowned Weaver-bird.

Hab. West Africa.

a, *b*. Purchased, Feb. 20, 1864.
c. Male. Presented by Miss Charlotte Boyle, April 14, 1869.
d–*g*. Received in exchange, Nov. 27, 1872.
h. Presented by St. Julien Arabin, Esq., June 30, 1880.
i. Deposited, July 20, 1880.
j, *k*. Purchased, Sept. 21, 1881.
l. Female. Presented by E. W. Gain, Esq., Dec. 18, 1882.

183. *Euplectes afer* (Lath.). Black-bellied Weaver-bird.

Hab. West Africa.

a–*d*. Purchased, July 18, 1862.
e–*h*. Received in exchange, Nov. 27, 1872.

184. *Euplectes nigriventris*, Cassin. Black-chested Weaver-bird.

Hab. East Africa.

a–*c*. Presented by A. Brown, Esq., July 11, 1878.

185. *Euplectes capensis* (Linn.). Yellow-shouldered Weaver-bird.

Hab. Africa.

a, *b*. Purchased, Feb. 29, 1868.
c. Presented by W. J. Green, Esq., Oct. 24, 1871. From the Cape of Good Hope.
d, *e*. Purchased, June 7, 1872.
f. Presented by Mrs. L. Grenville, Oct. 6, 1872.
g. Received in exchange, May 18, 1877.

Genus FOUDIA.

186. *Foudia madagascariensis* (Linn.). Red-headed Weaver-bird.

Hab. Isle of France.

a, *b*. Received, Aug. 6, 1867.
c. Presented by Capt. R. C. Beavan, H.M.I.A., C.M.Z.S., May 2, 1867.
d. Presented by W. G. Dowling, Esq., Jan. 23, 1869.
e, *f*. Purchased, May 29, 1872.
g. Presented by the Misses Warre, June 22, 1876.

187. *Foudia erythrops* (Hartl.). Red-faced Weaver-bird.

Hab. West Africa.

a, *b*. Purchased, Aug. 29, 1871.
c, *d*. Presented by Miss M. Jackson, July 6, 1878.

Genus PYRENESTES.

188. *Pyrenestes albifrons* (Vigors). White-fronted Weaver-bird.

Hab. South-east Africa.

a, *b*. Purchased, May 18, 1869.

Genus SPERMOSPIZA.

189. *Spermospiza hæmatina* (Vieill.). Blue-beaked Weaver-bird.

Hab. West Africa.

a. Male; *b*. Female. Purchased, Dec. 23, 1870.
c. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.

Genus Quelea.

190. *Quelea sanguinirostris* (Linn.). Red-beaked Weaver-bird.

Hab. West Africa.

a, *b*. Males : *c*, *d*. Females. Presented, May 19, 1865.
e, *f*. Purchased, March 15, 1869.
g. Presented by W. H. Simmonds, Esq., Oct. 5, 1878.
h–*s*. Presented by J. Colman, Esq., C.M.Z.S., May 11, 1880.
t–*v*. Presented by the Marchioness of Westminster, June 24, 1880.
w, *x*. Presented by St. Julien Arabin, Esq., June 30, 1880.
y. Presented by M. C. Angel, Esq., April 6, 1881.

191. *Quelea russi*, Finsch. Russ's Weaver-bird.

Hab. West Africa.

a. Presented by Mr. G. F. Westerman, F.M.Z.S., June 2, 1880.
b, *c*. Deposited, August 3, 1880.
d, *e*. Received in exchange, Feb. 16, 1882.

Genus Ploceus.

19. *Ploceus manyar* (Horsf.). Manyar Weaver-bird.

Hab. India and Malacca.

a. Male : *b*. Female. Purchased, June 2, 1860.
c. Purchased, March 5, 1870.
d, *e*. Received in exchange, Dec. 31, 1873.
f. Presented by W. D. Barker, Esq., jun., Jan. 12, 1876.

193. *Ploceus bengalensis* (Linn.). Bengal Weaver-bird.

Hab. India.

a–*d*. Purchased, May 31, 1880.

Genus Hyphantornis.

194. *Hyphantornis textor* (Gm.). Rufous-necked Weaver-bird.

Hab. West Africa.

a–*c*. Purchased, Aug. 24, 1859.
d. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
e. Bred in the Gardens, Sept. 25, 1864.

f. Bred in the Gardens, Aug. 12, 1867.
g. Bred in the Gardens, Aug. 17, 1869.
h. Presented, Sept. 18, 1873.
i. Presented by Mr. Hincks, April 9, 1874.
j–l. Presented by Mrs. Bates, Feb. 19, 1876.
m–p. Deposited, Sept. 25, 1878.
q, *r*. Presented by H. H. St. Quintin, Esq., Feb. 24, 1880.
s, *t*. Presented by H. H. Johnston, Esq., April 13, 1881.
u. Presented by J. L. Baldwin, Esq., F.Z.S., June 15, 1882.

195. *Hyphantornis capensis* (Gm.). Olive Weaver-bird.

Hab. South Africa.

a–d. Purchased, May 18, 1869.
e. Male. Purchased, May 23, 1873.
f. Purchased, July 25, 1873.
g. Bred in the Gardens, July 15, 1874.
h. Presented by the Misses Warre, June 22, 1876.

196. *Hyphantornis personata* (Vieill.). Masked Weaver-bird.

Hab Abyssinia.

a–f. Presented by Capt. Thomas, March 23, 1868.
g. Received in exchange, Nov. 27, 1872.
h. Female. Purchased, Jan. 12, 1874.

197. *Hyphantornis castaneofusca*, Less. Chestnut-backed Weaver-bird.

Hab. West Africa.

a, *b*. Deposited, Aug. 19, 1854.
c–f. Purchased, Aug. 1859.
g–i. Purchased, July 8, 1870.
j. Purchased, April 13, 1872.
k. Deposited, Sept. 25, 1878.

Genus Textor.

198. *Textor alector*, Temm. Ox-bird.

Hab. Senegal.

a. Purchased, Aug. 19, 1865.

Family FRINGILLIDÆ.

Genus Cyanospiza.

199. *Cyanospiza cyanea* (Linn.). Indigo-bird.

Hab. North America.

a–e. Purchased, Oct. 10, 1863.
f–h. Deposited, Aug. 23, 1864.
i, j. Deposited, Feb. 11, 1865.
k–n. Purchased, June 8, 1875.

200. *Cyanospiza ciris* (Linn.). Nonpareil Finch.

Hab. North America.

a, b. Purchased, Aug. 12, 1863.
c. Deposited, Aug. 23, 1864.
d, e. Males; *f, g*. Females. Purchased, June 24, 1867.
h. Presented by T. Watkins, Esq., Sept. 1, 1871.
i, j. Males. Presented by the Hon. and Rev. F. G. Dutton, April 30, 1872.
k. Presented by Mrs. L. Grenville, Oct. 6, 1872.
l–o. Purchased, June 7, 1875.
p. Received in exchange, March 20, 1877.
p. Female. Presented by Mrs. Beauclerk, April 6, 1882.

Genus Phonipara.

201. *Phonipara olivacea* (Linn.). Olive-Finch.

Hab. Jamaica.

a. Male; *b*. Female. Purchased, May 9, 1863.
c, d. Females. Purchased, Aug. 23, 1880.

202. *Phonipara canora* (Gm.). Melodious Finch.

Hab. Cuba.

a, b. Males; *c*. Female. Purchased, May 9, 1863.
d–i. Purchased, June 9, 1879.
j. Presented by T. H. Bowyer Bower, Esq., Oct 6, 1881.

203. *Phonipara bicolor* (Linn.). Dusky Finch

Hab. West Indies.

a. Purchased, Nov. 23, 1865.

Genus Paroaria.

204. *Paroaria larvata* (Bodd.). Red-headed Cardinal.

Hab. Brazil.

a, *b*. Presented by J. G. Leeming, Esq., Sept. 21, 1859.
c. Presented by Mrs. Croskey, Aug. 14, 1863.
d, *e*. Purchased, Dec. 26, 1863.
f. Purchased, Dec. 4, 1864.
g. Deposited, May 23, 1867.
h. Presented by Dr. F. Wickstead, March 1, 1870.
i. Purchased, April 19, 1875.

205. *Paroaria capitata* (Lafr. et D'Orb.). Yellow-billed Cardinal.

Hab. Chili.

a, *b*. Purchased, Nov. 11, 1873.
c–f. Purchased, May 5, 1882. From Paraguay.

206. *Paroaria cucullata* (Lath.). Red-crested Cardinal.

Hab. South America.

a. Male; *b*. Female. Purchased, Oct. 14, 1867.
c. Presented by Mrs. Mackinlay, Sept. 15, 1870.
d–f. Purchased, March 20, 1873.
g. Presented by Mrs. Johnson, March 23, 1875.
h–n. Purchased, July 19, 1875.
o. Presented by P. W. Barlow, Esq., Feb. 5, 1876.
p. Presented by Miss Warre, May 10, 1876.
q, *r*. Purchased, Dec. 22, 1878.

Genus Gubernatrix.

207. *Gubernatrix cristatella* (Vieill.). Black-crested Cardinal.

Hab. South America.

a. Presented by Miss Williams Wynn, July 10, 1862.
b–d. Purchased, Dec. 13, 1866.
e. Bred in the Gardens, July 18, 1867.
f–i. Purchased, Oct. 19, 1876.
j, *k*. Presented by Mrs. Arabin, June 10, 1878.
l. Bred in the Gardens, Aug. 7, 1878.
m. Purchased, Dec. 22, 1878.
n, *o*. Purchased, July 23, 1879.
p. Presented by E. M. Ringrose, Esq., Feb. 5, 1881.

Genus Diuca.

208. *Diuca grisea* (Less.). Diuca Finch.
Hab. Chili.

a, *b*. Purchased, July 27, 1875.
c. Purchased, May 18, 1876.
d, *e*. Bred in the Gardens, July 19, 1876.
f, *g*. Bred in the Gardens, Aug. 23, 1876.
h. Purchased, Jan. 24, 1879. From Buenos Ayres.

Genus Phrygilus.

209. *Phrygilus gayi* (Eyd. et Gerv.). Gay's Finch.
Hab. Chili.

a, *b*. Purchased, May 18, 1876.

210. *Phrygilus fruticeti* (Kittl.). Orchard Finch.
Hab. Chili.

a. Purchased, May 18, 1876.

211. *Phrygilus alaudinus* (Kittl.). Alaudine Finch.
Hab. Chili.

a. Purchased, May 18, 1876.

Genus Tiaris.

212. *Tiaris jacarina* (Linn.). Jacarini Finch.
Hab. South America.

a. Deposited, Aug. 10, 1858.

Genus Guiraca.

213. *Guiraca cærulea* (Linn.). Blue Grosbeak.
Hab. North America.

a, *b*. Purchased, July 31, 1862.
c. Purchased, Aug. 7, 1877.

214. *Guiraca cyanea* (Linn.). Brazilian Blue Grosbeak.
Hab. Brazil.

a. Purchased, Nov. 23, 1865.
b. Purchased, July 30, 1869.
c. Female. Purchased, Nov. 17, 1875.
d. Purchased, July 18, 1876.
e. Purchased, Jan. 24, 1879. From Mexico.
f. Purchased, Sept. 3, 1879.

Genus HEDYMELES.

215. *Hedymeles ludovicianus* (Linn.). Rose-breasted Grosbeak.
Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.
b, *c*. Purchased, July 29, 1867.
d. Male; *e*. Female. Purchased, May 31, 1882.

216. *Hedymeles melanocephalus* (Sw.). Black-headed Grosbeak.
Hab. Mexico.

a. Purchased, Aug. 1, 1876.

Genus PHEUCTICUS.

217. *Pheucticus chrysogaster* (Less.). Yellow-bellied Grosbeak
Hab. South America.

a, *b*. Purchased, Nov. 22, 1878. From Cuzco.

Genus CARDINALIS.

218. *Cardinalis virginianus* (Briss.). Cardinal Grosbeak.
Hab. North America.

a. Purchased, Aug. 29, 1862.
b, *c*. Purchased, April 20, 1865.
d–*w*. Deposited, July 13, 1865.
x. Purchased, April 4, 1866.
y, *z*. Purchased, March 16, 1868.
a^1–d^1. Purchased, Feb. 16, 1872.
e^1. Male; f^1. Female. Purchased, March 13, 1873.
g^1. Presented by Samuel Stubbs, Esq., Sept. 18, 1873.
h^1. Deposited, April 26, 1875.
i^1, j^1. Purchased, Feb. 18, 1879.

Genus Oryzoborus.

219. *Oryzoborus torridus* (Gm.). Tropical Seed-Finch.
Hab. South America.

a. Purchased, Aug. 8, 1860.
b, *c*. Purchased, April 19, 1875.
d, *e*. Purchased, July 19, 1875.
f. Presented by R. C. Batterbee, Esq., Sept. 20, 1878.

220. *Oryzoborus crassirostris* (Gm.). Thick-billed Seed-Finch.
Hab. South America.

a. Deposited, Aug. 6, 1878.

Genus Melopyrrha.

221. *Melopyrrha nigra* (Linn.). Black Bullfinch.
Hab. Cuba.

a. Male. Purchased, May 9, 1868.
b, *c*. Purchased, March 2, 1868.

Genus Coryphospingus.

222. *Coryphospingus pileatus* (Max.). Pileated Finch.
Hab. Brazil.

a–d. Males; *e*. Female. Purchased, Nov. 17, 1875.
f. Male. Purchased, June 14, 1879.

Genus Spermophila.

223. *Spermophila ophthalmica*, Sclater. Spectacled Finch.
Hab. Ecuador.

a. Female. Purchased, Dec. 23, 1863.

224. *Spermophila lineola* (Linn.). Lined Finch.
Hab. South America.

a–h. Purchased, April 19, 1875. See P. Z. S. 1875, p. 349.
i–z. Purchased, Oct. 15, 1878.

225. *Spermophila cærulescens* (Vieill.). Bluish Finch.

Hab. Brazil.

a. Purchased, May 19, 1864.
b, *c*. Purchased, April 19, 1875. See P. Z. S. 1875, p. 348.
d, *e*. Males; *f*. Female. Purchased, Nov. 17, 1875.
g–*i*. Deposited, Aug. 6, 1878.
j, *k*. Purchased, June 14, 1879.
l. Received in exchange, Nov. 10, 1882.

226. *Spermophila albogularis* (Spix). White-throated Finch.

Hab. Brazil.

a. Purchased, May 19, 1864.
b. Presented by Mr. S. Jones, Oct. 16, 1880. From Pernambuco.

227. *Spermophila lineata* (Linn.). Lineated Finch.

Hab. South America.

a. Presented by R. C. Batterbee, Esq., Sept. 20, 1876.
b, *c*. Deposited, Sept. 6, 1881.

228. *Spermophila euleri*, Cab. Euler's Finch.

Hab. Brazil.

a–*c*. Purchased, Nov. 4, 1880.

229. *Spermophila nigro-aurantia*, Bodd. Reddish Finch.

Hab. South America.

a, *b*. Purchased, April 19, 1875.
c. Presented by Mr. J. L. Symon, April 28, 1875.
d–*f*. Presented by R. C. Batterbee, Esq., Sept. 20, 1878.

320. *Spermophila plumbea* (Max.). Plumbeous Finch.

Hab. Brazil.

a–*e*. Purchased, March 11, 1870.
f. Presented by R. C. Batterbee, Esq., Sept. 20, 1878.

231. *Spermophila gutturalis* (Licht.). Guttural Finch.

Hab. South America.

a. Presented by R. C. Batterbee, Esq., Sept. 20, 1878.
b, *c*. Purchased, Oct. 15, 1878.

232. *Spermophila hypoleuca* (Licht.). Half-white Finch.
Hab. South America.

a. Purchased, April 19, 1875. See P. Z. S. 1875, p. 349.
b. Purchased, Nov. 17, 1875.
c. Received in exchange, May 18, 1877.

Genus Passer.

233. *Passer montanus* (Linn.). Tree-Sparrow.
Hab. British Islands.

a. Purchased, Oct. 28, 1860.
b. Presented by Mr. E. Bartlett, Dec. 31, 1862.
c, *d*. Purchased, Dec. 19, 1864.
e. Purchased, Dec. 16, 1875.

234. *Passer luteus* (Licht.). Yellow Sparrow.
Hab. East Africa.

a–*d*. Purchased, April 24, 1863.
e, *f*. Purchased, July 20, 1882.
g, *h*. Purchased, Aug. 29, 1882.

235. *Passer simplex* (Licht.). Grey-headed Sparrow.
Hab. West Africa.

a–*c*. Purchased, Feb. 20, 1864.
d. Purchased, Sept. 18, 1873.

236. *Passer alario* (Linn.). Alario Sparrow.
Hab. South Africa.

a, *b*. Purchased, Jan. 2, 1874.
c, *d*. Males. Purchased, Dec. 7, 1877.
e, *f*. Females. Purchased, Dec. 15, 1877.

237. *Passer diffusus* (Smith). Black-breasted Sparrow.
Hab. South Africa.

a. Male. Presented by Mr. J. Abrahams, May 23, 1882.

Genus Petronia.

238. *Petronia stulta*, Gm. Rock-Sparrow.
Hab. South Europe.

a, *b*. Presented by D'Arcy Thompson, Esq., Feb. 27, 1878.

239. *Petronia petronella* (Bp.). Yellow-throated Rock-Sparrow.
Hab. Africa.

a–d. Purchased, Feb. 13, 1872.
e, *f*. Received in exchange, May 18, 1877.

Genus Auripasser.

240. *Auripasser euchlorus* (Licht.). Golden Sparrow.
Hab. Abyssinia.

a–d. Purchased, May 20, 1880.
e. Male; *f*. Female. Presented by Mr. J. A. Abrahams, March 30, 1881.

Genus Coccothraustes.

241. *Coccothraustes vulgaris*, Pallas. Hawfinch.
Hab. British Islands.

a. Purchased, Dec. 29, 1862.
b. Purchased, Nov. 18, 1863.
c. Presented by C. Wolley, Esq., April 25, 1864.
d. Purchased, June 23, 1866.
e, *f*. Purchased, July 25, 1866.
g. Purchased, March 11, 1867.
h. Male. Purchased, Aug. 12, 1871.
i. Purchased, Dec. 20, 1871.
j. Presented by the Viscountess Downe, April 29, 1873.
k, *l*. Purchased, June 23, 1875.
m. Male; *n*. Female. Purchased, May 20, 1876.
o. Deposited, July 5, 1876.
p. Presented by Captain Salvin, April 26, 1877.
q. Purchased, Dec. 21, 1880.
r, *s*. Presented by Dr. Bree, May 10, 1881.

242. *Coccothraustes melanurus*, Temm. Black-tailed Hawfinch.

Hab. Japan.

a. Purchased, March 1860.
b. Purchased, April 22, 1873.
c. Male; *d*. Female. Purchased, Jan. 2, 1874.
e. Male; *f*. Female. Purchased, May 20, 1880.

Genus Ligurinus.

243. *Ligurinus chloris* (Linn.). Greenfinch.

Hab. British Islands.

a, *b*. Presented by Mr. E. Bartlett, Dec. 31, 1862.
c. Purchased, Aug. 11, 1871.
d. Purchased, Aug. 23, 1871.
e, *f*. Presented by F. J. Barry, Esq., Oct. 17, 1879.
g. Presented by H. H. Johnston, Esq., April 13, 1881.
h. Presented by E. Lawrance, Esq., Nov. 21, 1881.

244. *Ligurinus aurantiiventris* (Cab.). Algerian Greenfinch.

Hab. Algeria.

a–e. Purchased, Aug. 1, 1864.

Genus Fringilla.

245. *Fringilla cœlebs*, Linn. Chaffinch.

Hab. British Islands.

a, *b*. Purchased, 1861.
c. Presented by Mr. J. G. Keulemans, June 9, 1871.
d. Male; *e*. Female. Purchased, Aug. 21, 1871.
f. Presented by Mrs. E. Roberts, June 14, 1876.
g–i. Presented by F. J. Barry, Esq., Oct. 17, 1879.
j, *k*. Presented by H. H. Johnston, Esq., April 13, 1881.
l, *m*. Presented by E. Lawrance, Esq., Nov. 21, 1881.

246. *Fringilla spodiogenia*, Malh. Algerian Chaffinch.

Hab. Algeria.

a. Purchased, Aug. 1, 1864.

247. *Fringilla montifringilla*, Linn. Brambling.

Hab. British Islands.

a. Purchased, Dec. 3, 1859.
b. Purchased, June 26, 1863.

c. Male; *d*. Female. Purchased, Dec. 19, 1864.
e. Purchased, Nov. 22, 1869.
f. Purchased, Dec. 15, 1870.
g. Purchased, Oct. 14, 1871.
h, *i*. Presented by A. H. Cooke, Esq., Jan. 14, 1873.
j. Presented by H. Sewell, Esq., June 21, 1873.
k, *l*. Purchased, March 8, 1879.

Genus Carduelis.

248. *Carduelis elegans*, Steph. Goldfinch.

Hab. British Islands.

a. Presented by Mr. E. Bartlett, Dec. 31, 1862.
b, *c*. Presented by Lieut. J. Ll. Hearne, April 18, 1873.
d, *e*. Presented by Lieut. J. Ll. Hearne, April 9, 1874.
f–*k*. Presented by C. F. Johnson, Esq., June 26, 1878.
l, *m*. Presented by H. A. Macpherson, Esq., Jan. 27, 1879.
n, *o*. Presented by F. J. Barry, Esq., Oct. 17, 1879.
p. Presented by H. H. Johnston, Esq., April 13, 1881.
q. Presented by Robert Fletcher, Esq., April 29, 1881.

249. *Carduelis orientalis*, Eversm. Eastern Goldfinch.

Hab. Eastern Asia.

a. Male; *b*. Female. Purchased, Nov. 9, 1882. From Afghanistan.

Genus Chrysomitris.

250. *Chrysomitris spinus* (Linn.). Siskin.

Hab. British Islands.

a–*g*. Purchased, Dec. 15, 1870.
h–*k*. Purchased, Nov. 27, 1875.
l, *m*. Purchased, Nov. 17, 1879.
n, *o*. Purchased, Dec. 13, 1881.

251. *Chrysomitris spinoïdes* (Vig.). Indian Siskin.

Hab. Himalaya.

a–*d*. Presented by Capt. R. C. Beavan, H.M.I.A., C.M.Z.S., May 2, 1867.
e–*i*. Received in exchange, Nov. 11, 1867.

252. *Chrysomitris tristis* (Linn.). American Siskin.

Hab. North America.

a–*i*. Purchased, July 5, 1866.

253. *Chrysomitris magellanica* (Vieill.). Black-throated Siskin.
Hab. Brazil.

a. Male; *b*. Female. Purchased, July 19, 1875.

254. *Chrysomitris yarrelli* (Audub.). Yarrell's Siskin.
Hab. Brazil.

a. Purchased, Oct. 16, 1880. From Parahyba.

Genus Sycalis.

255. *Sycalis flaveola* (Linn.). Saffron Finch.
Hab. Brazil.

a. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b, *c*. Purchased, Dec. 4, 1864.
d. Male; *e*. Female. Purchased, May 7, 1867.
f. Deposited, July 24, 1872.
g. Presented by the Rev. T. C. Hose, Jan. 9, 1875.
h–*j*. Purchased, April 19, 1875.
k. Purchased, Nov. 17, 1875.
l. Presented by Mrs. Hylton Joliffe, April 25, 1878.
m, *n*. Bred in the Gardens, Aug. 19, 1878.
o, *p*. Purchased, June 14, 1879.
q, *r*. Bred in the Gardens, Oct. 7, 1879.

256. *Sycalis luteola* (Sparrm.). Yellowish Finch.
Hab. Brazil.

a, *b*. Purchased, July 11, 1873.

Genus Crithagra.

257. *Crithagra butyracea* (Linn.). St.-Helena Seed-eater.
Hab. South Africa; St. Helena.

a. Male; *b*, *c*. Females. Purchased, Sept. 24, 1862.
d. Deposited, Aug. 23, 1864.
e. Deposited, Feb. 11, 1865.
f–*i*. Purchased, April 12, 1866.
j. Presented by Capt. R. C. Beavan, H.M.I.A., C.M.Z.S., May 2, 1867.
k, *l*. Purchased, May 8, 1869.
m. Presented by Miss Moss, Aug. 19, 1869.
n. Presented by Jas. Dixon, Esq., F.Z.S., April 30, 1870.
o. Presented by A. H. Cocks, Esq., Nov. 5, 1875.

258. *Crithagra sulphurata* (Linn.). Sulphury Seed-eater.

Hab. South Africa.

a. Purchased, Nov. 8, 1878.

259. *Crithagra chrysopyga*, Sw. Yellow-rumped Seed-eater.

Hab. West Africa.

a. Presented by F. Vanzeller, Esq., Nov. 15, 1862.
b, *c*. Purchased, March 15, 1869.
d, *e*. Purchased, May 8, 1869.
f–*l*. Received in exchange, Dec. 12, 1877.
m, *n*. Presented by M. C. Angel, Esq., F.Z.S., April 6, 1881.

260. *Crithagra musica* (Vieill.). Singing Finch.

Hab. West Africa.

a. Presented by Mrs. Beauclerk, April 6, 1882.

261. *Crithagra albogularis* (Smith). White-throated Seed-eater.

Hab. South Africa.

a, *b*. Purchased, May 4, 1870.
c. Presented by Mr. J. Abrahams, May 23, 1882.

Genus Serinus.

62. *Serinus hortulanus*, Koch. Serin.

Hab. Europe.

a. Purchased, July 25, 1876. Captured near London.
b, *c*. Presented by F. Vanzeller, Esq., April 22, 1868.
d. Received in exchange, April 23, 1868.
e, *f*. Purchased, April 3, 1872.
g, *h*. Presented by F. Bond, Esq., F.Z.S., April 9, 1872.
i, *j*. Purchased, Aug. 8, 1881.

263. *Serinus canarius* (Linn.). Canary.

Hab. Canary Islands.

a. Received, Aug. 6, 1867. From Canary Islands.
b. Presented by James Dixon, Esq., F.Z.S., April 30, 1870.
c–*i*. Purchased, Feb. 22, 1871.
j, *k*. Purchased, March 7, 1873.
l, *m*. Presented by Lieut. J. Ll. Hearne, R.N., April 18, 1873.
n, *o*. Presented by Lieut. J. Ll. Hearne, R.N., April 9, 1874.

p, *q*. Presented by Miss M. Jackson, July 6, 1878.
r. Male. Purchased, May 18, 1880. Caught at Hampstead.
s. Male. Presented by C. Williams, Esq., May 25, 1880. Yellow var.

264. *Serinus canicollis* (Sw.). Grey-necked Serin Finch.

Hab. Cape of Good Hope.

a. Received in exchange, July 8, 1872.

Genus Linota.

265. *Linota cannabina* (Linn.). Linnet.

Hab. British Islands.

a–c. Purchased, Dec. 26, 1860.
d–i. Purchased, Oct. 4, 1871.
j. Presented by the Misses Warre, June 22, 1876.
k. Presented by F. J. Barry, Esq., Oct. 17, 1879.
l, *m*. Purchased, Oct. 20, 1879.

266. *Linota flavirostris* (Linn.). Twite.

Hab. British Islands.

a, *b*. Purchased, Dec. 19, 1864.
c. Purchased, Oct. 14, 1871.
d. Purchased, Dec. 20, 1871.
e, *f*. Purchased, Dec. 6, 1875.
g, *h*. Purchased, March 22, 1880.
i, *j*. Purchased, Jan. 30, 1882.

267. *Linota rufescens* (Vieill.). Lesser Redpoll.

Hab. British Islands.

a. Presented by Mr. E. Bartlett, Dec. 31, 1862.
b. Purchased, Oct. 14, 1871.
c–f. Purchased, Nov. 8, 1876.
g, *h*. Presented by Miss M. Jackson, July 6, 1878.
i, *j*. Presented by Dr. Bree, F.Z.S., June 23, 1879.
k, *l*. Presented by F. J. Barry, Esq., Oct. 17, 1879.

268. *Linota linaria* (Linn.). Mealy Redpoll.

Hab. British Islands.

a. Purchased, Oct. 11, 1861.
b. Presented by Mr. E. Bartlett, Dec. 31, 1862.
c–h. Purchased, Oct. 30, 1866.

Genus Carpodacus.

269. *Carpodacus erythrinus* (Pall.). Ruddy Finch.

Hab. Siberia.

a–f. Purchased, Sept. 9, 1865.
g–m. Purchased, Feb. 3, 1870.

270. *Carpodacus hæmorrhous* (Wagl.). Blood-stained Finch.

Hab. Mexico.

a, b. Purchased, Aug. 1, 1876.

Genus Pyrrhula.

271. *Pyrrhula europæa,* Vieill. Bullfinch.

Hab. Europe.

a. Male; *b.* Female. Purchased, Feb. 22, 1867. (Russian variety.)
c, d. Purchased, Dec. 20, 1871.
e, f. Males; *g, h.* Females. Purchased, Dec. 12, 1877. (Russian variety.)
i–k. Presented by Miss A. Sargent, July 10, 1878.
l. Male. Purchased, Feb. 21, 1879. (Russian variety.)

Genus Pinicola.

272. *Pinicola enucleator* (Linn.). Pine-Grosbeak.

Hab. British Islands.

a. Purchased, Aug. 16, 1864.
b. Male; *c.* Female. Presented by Robert Collett, Esq., Sept. 12, 1866. From Christiania.
d, e. Presented by R. Honeywood, Esq., Sept. 24, 1868.
f, g. Males; *h, i.* Females. Purchased, Jan. 30, 1870.
j, k. Presented by E. A. Alston, Esq., F.Z.S., Aug. 30, 1872.

Genus Loxia.

273. *Loxia curvirostra,* Linn. Crossbill.

Hab. British Islands.

a. Purchased, May 23, 1864.
b. Purchased, June 23, 1866.

c–h. Purchased, July 25, 1866.
i. Male: *j*. Female. Purchased, Dec. 13, 1873.
k. Presented by Master G. Gordon, Oct. 26, 1876.
l. Purchased, Jan. 4, 1877.
m, *n*. Presented by H. A. Macpherson, Esq., July 31, 1879.
o, *p*. Presented by H. H. Johnston, Esq., April 13, 1881.

274. *Loxia pityopsittacus*, Bechst. Parrot Crossbill.

Hab. Europe.

a. Purchased, Dec. 9, 1873.

275. *Loxia leucoptera*, Gm. White-winged Crossbill.

Hab. North America.

a–e. Purchased, Sept. 20, 1870.

Genus Plectrophanes.

276. *Plectrophanes nivalis* (Linn.). Snow-Bunting.

Hab. Europe and North Asia.

a, *b*. Presented by A. Downs, Esq., C.M.Z.S., Aug. 1, 1862. From Halifax.
c–f. Purchased, Aug. 16, 1864. From Siberia.
g. Presented by Fred. Bond, Esq., F.Z.S., March 19, 1870.
h. Presented by F. Bond, Esq., F.Z.S., May 20, 1871.
i. Purchased, Dec. 20, 1871.
j. Presented by Dr. A. Günther, F.Z.S., May 26, 1873.
k, *l*. Purchased, April 23, 1878.
m, *n*. Purchased, Dec. 2, 1878.
o, *p*. Purchased, March 22, 1880.
q. Presented by R. Fletcher, Esq., April 29, 1881.
r. Presented by H. A. Macpherson, Esq., Oct. 19, 1881.
s–v. Purchased, Dec. 12, 1881.
w, *x*. Purchased, Jan. 30, 1882.

Genus Calcarius.

277. *Calcarius lapponicus* (Linn.). Lapland Bunting.

Hab. Europe.

a. Purchased, Oct. 22, 1866.
b. Presented by Fred. Bond, Esq., F.Z.S., Feb. 10, 1870.
c. Presented by F. Bond, Esq., F.Z.S., March 10, 1870.
d, *e*. Purchased, June 7, 1875.

Genus Emberiza.

278. *Emberiza miliaria*, Linn. Corn-Bunting.
Hab. British Islands.

a–c. Purchased, 1861.
d. Presented by F. Bond, Esq., F.Z.S., Sept. 12, 1871.
e. Male; *f.* Female. Purchased, April 15, 1872.
g, h. Presented by J. Young, Esq., Sept. 27, 1879.
i, j. Purchased, Feb. 20, 1882.

279. *Emberiza citrinella*, Linn. Yellow Hammer.
Hab. British Islands.

a. Presented by F. J. Barry, Esq., Oct. 17, 1879.
b, c. Purchased, Oct. 20, 1879.

280. *Emberiza cirlus*, Linn. Cirl Bunting.
Hab. British Islands.

a–c. Purchased, Dec. 12, 1863.
d. Purchased, June 6, 1866.
e. Purchased, Jan. 11, 1871.
f. Presented by F. Bond, Esq., F.Z.S., Sept. 12, 1871.
g, h. Purchased, April 19, 1876.
i, j. Purchased, Jan. 27, 1881.
k. Purchased, Jan. 17, 1882.

281. *Emberiza hortulana*, Linn. Ortolan Bunting.
Hab. British Islands.

a–c. Purchased, Aug. 31, 1861.
d. Presented by — Bicknell, Esq., April 26, 1865.
e. Presented by Mr. J. W. Smart, July 1, 1869.
f, g. Presented by F. Bond, Esq., F.Z.S., May 20, 1871.
h. Purchased, Aug. 23, 1876.

282. *Emberiza fucata*, Pall. Dyed Bunting.
Hab. Japan.

a. Purchased, March 1860.

283. *Emberiza schœniclus*, Linn. Reed-Bunting.
Hab. British Islands.

a. Purchased, Feb. 2, 1865.
b. Purchased, March 22, 1879.
c. Purchased, March 31, 1879.
d. Purchased, Nov. 17, 1879.
e, f. Purchased, Dec. 29, 1879.

284. *Emberiza chrysophrys* (Pall.). Yellow-browed Bunting.

Hab. Japan.

a. Purchased, April 25, 1873. See P. Z. S. 1873, p. 434.

285. *Emberiza melanocephala*, Scop. Black-headed Bunting.

Hab. South Europe.

a. Female. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b, *c*. Purchased, July 23, 1867.
d, *e*. Presented by Mr. J. W. Smart, July 1, 1869.
f, *g*. Purchased, June 23, 1875.

286. *Emberiza rutila* (Pall.). Red-backed Bunting.

Hab. Japan.

a. Purchased, April 25, 1873. See P. Z. S. 1873, p. 434.

287. *Emberiza aureola* (Pall.). Yellow-breasted Bunting.

Hab. Japan.

a. Male. Received in exchange, Nov. 13, 1873.
b–e. Purchased, Oct. 14, 1874.

288. *Emberiza luteola* (Sparrm.). Red-headed Bunting.

Hab. India.

a–f. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 29, 1865.
g. Presented by Miss A. Smith, Sept. 8, 1873.
h–k. Purchased, July 9, 1878.

Genus Euspiza.

289. *Euspiza americana* (Gm.). American Bunting.

Hab. America.

a. Purchased, June 4, 1873.

Genus Fringillaria.

290. *Fringillaria capensis* (Linn.). Cape Bunting.

Hab. Africa.

a. Presented by Miss C. Boyle. March 12, 1869.

Genus Melophus.

291. *Melophus melanicterus* (Gm.). Crested Black Bunting.
Hab. India.

a, *b*. Purchased, April 25, 1873.

Genus Zonotrichia.

292. *Zonotrichia leucophrys* (Forst.). White-eyebrowed Finch.
Hab. Labrador.

a. Presented by Lewis Henry Spence, Esq., Dec. 29, 1859.

293. *Zonotrichia albicollis* (Gm.). White-throated Song-Sparrow.
Hab. North America.

a, *b*. Purchased, Feb. 16, 1872.

294. *Zonotrichia pileata* (Bodd.). Pileated Song-Sparrow.
Hab. North America.

a. Received in exchange, July 8, 1872.
b. Purchased, July 19, 1875.
c. Purchased, May 18, 1876.
d. Purchased, Oct. 15, 1878.
e. Purchased, June 14, 1879.

Genus Spizella.

295. *Spizella socialis* (Wilson). Chipping Sparrow.
Hab. North America.

a, *b*. Purchased, April 13, 1868.

Genus Pipilo.

296. *Pipilo erythrophthalmus* (Linn.). Red-eyed Ground-Finch.
Hab. North America.

a. Purchased, Feb. 16, 1872.
b. Purchased, Feb. 10, 1881.

Family ICTERIDÆ.

Genus Ostinops.

297. *Ostinops decumanus* (Pallas). Crested Hangnest.
Hab. South America.

a. Purchased, June 21, 1873.
b. Purchased, March 6, 1876.
c. Purchased, Sept. 8, 1877.

Genus Cassiculus.

298. *Cassiculus melanicterus* (Bonap.). Mexican Hangnest.
Hab. Mexico.

a. Presented by A. M. Booker, Esq., Aug. 18, 1865.

Genus Cassicus.

299. *Cassicus persicus* (Linn.). Yellow Hangnest.
Hab. South America.

a, *b*. Purchased, March 8, 1864. See P. Z. S. 1864, p. 138.
c. Purchased, Sept. 15, 1870.
d, *e*. Purchased, Sept. 18, 1873.
f. Male. Presented by A. Wood, Esq., Oct. 29, 1873.
g. Purchased, July 19, 1875.
h, *i*. Purchased, Nov. 17, 1875.
j, *k*. Purchased, July 18, 1876.

300. *Cassicus hæmorrhous* (Linn.). Red-rumped Hangnest.
Hab. South America.

a. Purchased, Sept. 18, 1873.
b, *c*. Purchased, Sept. 17, 1875.

Genus Icterus.

301. *Icterus baltimore* (Linn.). Baltimore Hangnest.
Hab. North America.

a, *b*. Males. Received in exchange, Aug. 5, 1871.
c, *d*. Purchased, July 25, 1873.
e. Purchased, Oct. 13, 1880.

302. *Icterus spurius* (Linn.). Orchard Hangnest.

Hab. North America.

a–d. Purchased, July 25, 1873.
e. Purchased, Aug. 1, 1876. From Mexico.
f, g. Purchased, Oct. 13, 1880.

303. *Icterus abeillæi* (Linn.). Black-sided Hangnest.

Hab. Mexico.

a. Purchased, Feb. 3, 1870.

304. *Icterus tibialis,* Swains. Yellow-shouldered Hangnest.

Hab. Brazil.

a–c. Purchased, Oct. 16, 1880. From Pernambuco.

305. *Icterus wagleri,* Scl. Wagler's Hangnest.

Hab. Mexico.

a. Purchased, Aug. 1, 1876.

306. *Icterus vulgaris* (Daud.). Common Hangnest.

Hab. South America.

a. Purchased, May 1, 1871.
b–d. Purchased, April 29, 1873.
e. Deposited, July 16, 1874.
f. Purchased, July 26, 1875.
g. Deposited, Aug. 4, 1875.
h. Purchased, Aug. 1, 1876.
i. Presented by T. T. Levett, Esq., Oct. 23, 1876.
j. Presented by Miss Chambre, July 27, 1877.
k. Deposited, Aug. 28, 1877.
l. Presented by H. Dunlop, Esq., Sept. 11, 1877.
m. Deposited, Sept. 21, 1878.

307. *Icterus jamaicai* (Gm.). Brazilian Hangnest.

Hab. Brazil.

a. Male. Presented by Frederick Bernal, Esq., H.B.M.'s Consul at Cartagena, New Granada, July 7, 1860.
b. Purchased, May 3, 1865.
c, d. Purchased, July 21, 1865.
e, f. Purchased, Nov. 18, 1865.
g, h. Purchased, Aug. 5, 1867.
i. Purchased, Nov. 9, 1869.

j. Purchased, May 1, 1871.
k, *l*. Deposited, June 3, 1872.
m. Presented by Mrs. Jarvis, Sept. 9, 1872.
n. Deposited, July 16, 1872.
o. Purchased, Sept. 17, 1875.
p, *q*. Deposited, Oct. 6, 1882.

308. *Icterus croconotus* (Wagl.). Yellow-backed Hangnest.

Hab. South America.

a. Presented by A. M. Booker, Esq., Aug. 18, 1865.

Genus Dolichonyx.

309. *Dolichonyx oryzivora* (Linn.). American Rice-bird.

Hab. North America.

a, *b*. Purchased, June 14, 1873.

Genus Molothrus.

310. *Molothrus pecoris* (Gm.). Common Cow-bird.

Hab. North America.

a. Purchased, June 19, 1867.

311. *Molothrus bonariensis* (Gm.). Silky Cow-bird.

Hab. South America.

a. Male. Purchased, Sept. 29, 1862.
b. Female. Purchased, Feb. 29, 1864.
c. Purchased, Oct. 20, 1866.
d–*g*. Presented by G. Wilks, Esq., C.M.Z.S., May 5, 1869. From Buenos Ayres.
h, *i*. Males: *j*, *k*. Females. Purchased, May 16, 1871. From Mendoza. See P. Z. S. 1871, p. 545.
l, *m*. Purchased, July 19, 1875.
n, *o*. Purchased, July 18, 1876.
p–*s*. Purchased, Oct. 17, 1877.
t–*w*. Purchased, Jan. 30, 1878.

312. *Molothrus purpurascens* (Hahn). Purple Cow-bird.

Hab. Western Peru.

a. Male; *b*. Female. Presented by Prof. W. Nation, C.M.Z.S., Aug. 9, 1875.

313. *Molothrus badius* (Vieill.). Bay Cow-bird.
Hab. South Brazil.

a. Purchased, July 13, 1859.
b. Presented by Geo. Wilks, Esq., C.M.Z.S., May 5, 1869.
c. Purchased, Sept. 8, 1872.

Genus Agelæus.

314. *Agelæus phœniceus* (Linn.). Red-shouldered Starling.
Hab. North America.

a. Purchased, April 13, 1860.
b. Presented by A. Dixon, Esq., March 10, 1866.
c–e. Purchased, April 18, 1868.
f. Presented by Samuel Stubbs, Esq., Sept. 18, 1873.
g. Presented by Mr. Boswell, Nov. 10, 1874.

Genus Xanthocephalus.

315. *Xanthocephalus icterocephalus* (Bp.). Yellow-headed Troupial.
Hab. Mexico.

a, *b*. Purchased, Aug. 1, 1876.
c, *d*. Presented by W. A. Conklin, Esq., June 3, 1880.
e–j. Purchased, July 15, 1882.

Genus Xanthosomus.

316. *Xanthosomus flavus* (Gm.). Yellow Troupial.
Hab. Buenos Ayres.

a, *b*. Purchased, Oct. 30, 1873.
c. Purchased, March 31, 1881.

Genus Amblyrhamphus.

317. *Amblyrhamphus holosericeus* (Scop.). Silky Hangnest.
Hab. La Plata.

a, *b*. Received in exchange, March 22, 1875. See P. Z. S. 1875, p. 316.
c. Presented by Mrs. Arabin, April 12, 1875.
d. Presented by Mrs. Arabin, April 9, 1876.
e, *f*. Bred in the Gardens, July 3, 1876.
g, *h*. Purchased, Sept. 13, 1880.
i. Purchased, Nov. 15, 1880.
j. Presented by G. Jacobs, Esq., March 28, 1882.

Genus Pseudoleistes.

318. *Pseudoleistes virescens* (Vieill.). Dark Green Maize-eater.

Hab. South America.

a. Purchased, May 21, 1876.
b, *c*. Purchased, Jan. 24, 1879. From Buenos Ayres.
d, *e*. Purchased, Nov. 15, 1880.

Genus Sturnella.

319. *Sturnella ludoviciana* (Linn.). Louisianian Meadow-Starling.

Hab. North America.

a. Purchased, March 30, 1864.

320. *Sturnella defilippii* (Bp.). De Filippi's Meadow-Starling.

Hab. La Plata.

a. Presented by Capt. A. Mellersh, R.N., May 2, 1865.
b. Purchased, April 3, 1873.
c–f. Received in exchange, Oct. 24, 1873.
g, *h*. Received in exchange, Feb. 7, 1874.
i–k. Purchased, July 19, 1875.
l, *m*. Purchased, Oct. 19, 1876.
n, *o*. Purchased, July 16, 1877.

Genus Curæus.

321. *Curæus aterrimus* (Kittl.). Chilian Starling.

Hab. Chili.

a, *b*. Purchased, May 16, 1871.

Genus Lampropsar.

322. *Lampropsar dives*, Cab. Rich-Black Troupial.

Hab. Mexico.

a. Purchased, Aug. 1, 1876.

Genus Quiscalus.

323. *Quiscalus lugubris*, Sw. Black Troupial.
Hab. Trinidad.

a–c. Purchased, Sept. 29, 1862.

324. *Quiscalus versicolor* (Vieill.). Changeable Troupial.
Hab. North America.

a. Purchased, Jan. 16, 1880.

Genus Aphobus.

325. *Aphobus chopi*, Vieill. Chopi Starling.
Hab. Brazil.

a. Purchased, Jan. 11, 1872. See P. Z. S. 1871, p. 545.
b. Purchased, May 14, 1872.
c. Purchased, Jan. 17, 1877.

Family STURNIDÆ.

Genus Lamprocolius.

326. *Lamprocolius chalybeus*, Ehrenb. Green Glossy Starling.
Hab. North-east Africa.

a. Presented by Edward Cross, Esq., June 1, 1850.
b–e. Purchased, April 15, 1865.
f. Presented by Mr. Edward Hawkins, Feb. 26, 1869.
g. Presented by N. L. Austen, Esq., Oct. 30, 1869.
h, *i*. Hatched in the Gardens, July 4, 1872.
j. Presented by Mrs. Arabin, F.Z.S., March 14, 1878.

327. *Lamprocolius auratus* (Gm.). Purple-headed Glossy Starling.
Hab. West Africa.

a. Purchased, March 14, 1856.
b–d. Purchased, April 15, 1865.
e. Hatched in the Gardens, Aug. 5, 1871.
f. Hatched in the Gardens, Aug. 7, 1874.
g. Presented by J. Biehl, Esq., Sept. 23, 1882.

328. *Lamprocolius rufiventris,* Rüpp. Rufous-vented Glossy Starling.
Hab. Western Africa.

a, *b*. Purchased, Aug. 19, 1866.

Genus Lamprotornis.

329. *Lamprotornis æneus* (Linn.). Long-tailed Glossy Starling.
Hab. West Africa.

a–d. Purchased, April 15, 1865.
e. Male. Purchased, March 13, 1873.

Genus Sturnus.

330. *Sturnus vulgaris,* Linn. Starling.
Hab. British Islands.

a, *b*. Caught in the Gardens, 1861.
c, *d*. Presented by F. J. Barry, Esq., Oct. 17, 1879.

Genus Sturnopastor.

331. *Sturnopastor contra* (Linn.). Pied Mynah.
Hab. India.

a. Purchased, June 10, 1863.
b–e. Purchased, May 16, 1873.
f. Presented by Capt. J. Murray, Oct. 7, 1878.

Genus Acridotheres.

332. *Acridotheres cristatellus* (Linn.). Chinese Mynah.
Hab. China.

a, *b*. Purchased, Aug. 24, 1859.
c, *d*. Purchased, Sept. 9, 1865.
e, *f*. Purchased, Aug. 13, 1872.
g. Presented by J. R. France, Esq., Sept. 24, 1875.
h. Presented by A. F. Wiener, Esq., F.Z.S., Sept. 29, 1879.
i, *j*. Purchased, Aug. 8, 1882.

333. *Acridotheres ginginianus* (Lath.). Indian Mynah.
Hab. Bengal.

a. Purchased, June 30, 1860.
b. Presented by P. S. Laing, Esq., Oct. 11, 1862.
c. Deposited, May 23, 1865.

334. *Acridotheres tristis* (Linn.). Common Mynah.

Hab. India.

a, *b*. Purchased, Sept. 9, 1865.
c. Presented by the Rev. Dan Greatorex, Feb. 24, 1866.
d. Deposited, June 7, 1866.
e, *f*. Purchased, Dec. 4, 1871.

335. *Acridotheres fuscus* (Wagl.). Brown Mynah.

Hab. India.

a. Purchased, Dec. 20, 1868.
b. Purchased, Sept. 26, 1873.
c. Presented by Capt. J. Murray, Oct. 7, 1878.
d, *e*. Purchased, Aug. 16, 1880.

336. *Acridotheres mahrattensis* (Sykes). Southern Brown Mynah.

Hab. Southern India.

a. Purchased, May 14, 1872. See Blyth, Ibis, 1872, p. 79.
b. Purchased, Sept. 26, 1873.

Genus STURNIA.

337. *Sturnia malabarica* (Gm.). Malabar Mynah.

Hab. Hindostan.

a–c. Purchased, May 30, 1862. See P. Z. S. 1862, p. 186.
d. Purchased, April 26, 1871.
e. Purchased, Jan. 19, 1876.
f, *g*. Presented by A. F. Wiener, Esq., F.Z.S., Sept. 29, 1879.

Genus PASTOR.

338. *Pastor roseus* (Linn.). Rose-coloured Pastor.

Hab. India.

a–i. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
j, *k*. Purchased, May 16, 1873.
l–o. Presented by S. Bayliss, Esq., May 12, 1880.
p–u. Purchased, May 13, 1881.
v. Presented by F. Lubbock, Esq., Dec. 15, 1881.

339. *Pastor blythi* (Bp.). Blyth's Pastor.

Hab. India.

a. Presented by Capt. C. S. Sturt, C.M.Z.S., Nov. 10, 1880.

Genus Gracupica.

340. *Gracupica nigricollis,* Paykull. Black-necked Grackle.

Hab. China.

a, *b*. Purchased, May 22, 1866.
c. Purchased, Aug. 16, 1873.

Genus Gracula.

341. *Gracula javanensis* (Osbeck). Javan Mynah.

Hab. Malacca.

a. Presented by Mrs. Fitzgerald, Sept. 14, 1871. From Labuan.

342. *Gracula intermedia,* Hay. Larger Hill-Mynah.

Hab. Northern India.

a. Presented by M. J. Harpley, Esq., Oct. 29, 1859.
b. Purchased, June 28, 1862.
c. Purchased, May 8, 1865.
d. Purchased, June 14, 1866.
e. Deposited, Jan. 27, 1873.
f. Presented by the Rev. T. Main, Nov. 12, 1873.
g. Presented by N. P. Fenwick, Esq., F.Z.S., July 10, 1880.

343. *Gracula religiosa,* Linn. Small Hill-Mynah.

Hab. Southern India.

a. Presented by George Graham, Esq., Nov. 12, 1866.
b. Presented by J. Richardson, Esq., Sept. 28, 1870.
c, *d*. Presented by Alexander Campbell, Esq., Aug. 9, 1871.
e. Deposited, April 26, 1875.
f. Presented by Sir Charles Smith, Bart., June 23, 1875.
g. Presented by Mrs. A. G. Smithers, April 12, 1876.
h. Presented by Mrs. Frederic Watt, July 31, 1876
i. Presented by J. W. Woodler, Esq., April 30, 1870.

Genus Ptilonorhynchus.

344. *Ptilonorhynchus violaceus,* Vieill. Silky Bower-bird.

Hab. New South Wales.

a. Male. Presented by Thomas Walker, Esq., F.Z.S., Dec. 24, 1857.
b. Purchased, Jan. 4, 1865.
c. Purchased, Jan. 12, 1865.
d. Male; *e*. Female. Presented by the Acclimatization Society of Sydney, April 19, 1866.
f. Purchased, May 9, 1866.
g, *h*. Purchased, April 19, 1869.
i, *j*. Males. Purchased, Nov. 15, 1871.
k–*o*. Purchased, Dec. 29, 1874.
p–*w*. Received in exchange, Nov. 11, 1879.
x. Purchased, May 2, 1882.

345. *Ptilonorhynchus smithi* (Vig. & Horsf.). Cat-bird.

Hab. New South Wales.

a. Received in exchange, Nov. 11, 1879. Entered as *P. violaceus*.

Genus Chlamydodera.

346. *Chlamydodera maculata,* Gould. Spotted Bower-bird.

Hab. Australia.

a. Purchased, May 11, 1882.
b. Purchased, July 25, 1882.

Family PARADISEIDÆ.

Genus Paradisea.

347. *Paradisea minor,* Shaw. Lesser Bird of Paradise.

Hab. New Guinea.

a, *b*. Males. Purchased for the Society at Singapore, and brought home by A. R. Wallace, Esq., F.Z.S., April 1, 1862. See P. Z. S. 1862, p. 123.
c, *d*. Males. Purchased, May 2, 1878. See P. Z. S. 1878, p. 631.

348. *Paradisea rubra* (Lacép.). Red Bird of Paradise.
Hab. New Guinea.
a. Male. Purchased, March 18, 1881.

Genus PTILORHIS.

349. *Ptilorhis paradisea*, Sw. Rifle-bird.
Hab. Australia.
a. Male. Purchased, April 4, 1882.

Genus SELEUCIDES.

350. *Seleucides nigricans* (Shaw). Twelve-wired Bird of Paradise.
Hab. New Guinea.
a. Male. Purchased, March 19, 1881.

Genus MANUCODIA.

351. *Manucodia chalybeia* (Penn.). Green Manucode.
Hab. New Guinea.
a. Purchased, March 19, 1881.

Family CORVIDÆ.

Genus CORVUS.

352. *Corvus corax*, Linn. Raven.
Hab. Europe and North America.
a. Presented by the Rev. W. Wilmott, Jan. 15, 1862. England.
b. Presented by A. Downs, Esq., C.M.Z.S., April 1862. From Nova Scotia.
c. Presented by Capt. D. Herd, C.M.Z.S., Oct. 7, 1862. From Hudson's Bay Territory.
d, *e*. Presented by W. R. Taunton, Esq., March 14, 1865. England.
f. Presented by the Right Hon. John Evelyn Denison, M.P., Speaker of the House of Commons, Feb. 2, 1866. England.

g, *h*. Presented by H. J. Symonds, Esq., Oct. 21, 1868. England.
i. Presented by the Rev. J. H. Gosset, June 13, 1870. England.
j. Presented by C. T. Bailey, Esq., Jan. 23, 1872.
k. Presented by A. W. Hill, Esq., Oct. 6, 1872.
l. Deposited, June 29, 1874. From Sardinia.
m, *n*. Presented by P. W. Bennett, Esq., F.Z.S., July 15, 1874.
o. Presented by F. Lubbock, Esq., Dec. 1, 1874.
p. Presented by J. Salmon, Esq., Dec. 2, 1874.
q. Presented by Col. Burroughs, Dec. 3, 1874.
r. Presented by H. A. Hancock, Esq., Sept. 29, 1875.
s, *t*. Deposited, July 20, 1876.
u. Presented by Messrs. L. Collier, Nov. 2, 1876.
v. Presented by Mrs. Nathan, Feb. 7, 1877.
w. Presented by Miss L. Lathorne Brown, July 28, 1877.
x. Deposited, Sept. 7, 1877.
y. Presented by C. H. Knight, Esq., Jan. 20, 1880.
z. Presented by C. Williams, Esq., May 25, 1880.
a^1. Presented by the Earl of Bradford, F.Z.S., July 11, 1880
b^1. Presented by A. W. Mitchison, Esq., Sept. 10, 1880.
c^1. Presented by Major Bott, July 14, 1881.
d^1. Presented by S. J. Elyard, Esq., Jan. 19, 1882.
e^1. Presented by Sir George Leith Buchanan, Bart., Feb. 18, 1882.
f^1. Deposited, April 15, 1882.
g^1. Presented by H. E. Langton, Esq., April 18, 1882.
h^1. Deposited, Aug. 10, 1882.
i^1. Presented by F. G. Bury, Esq., Oct. 6, 1882.
j^1. Presented by Mr. F. E. Dunton, Dec. 12, 1882

353. *Corvus corone*, Linn. Carrion-Crow.

Hab. Europe.

a. Presented by W. M. Price, Esq., June 27, 1877.
b. Presented by Miss Mortimer, July 15, 1881.
c. Presented by F. H. Worsley Benison, Esq., Nov. 30, 1881.
d. Presented by F. H. Worsley Benison, Esq., Feb. 24, 1882.

354. *Corvus australis*, Gould. Australian Crow.

Hab. South Australia.

a. Presented by Miss Mary J. Mayo, May 5, 1865.
b. Purchased, May 9, 1872.
c, *d*. Received in exchange, July 27, 1876.

355. *Corvus americanus,* Aud. American Crow.

Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., April 1862. From Nova Scotia. See P. Z. S. 1862, p. 185.
b, c. Presented by G. G. Reid, Esq., F.Z.S., Aug. 11, 1875. From Bermuda.

356. *Corvus cornix,* Linn. Hooded Crow.

Hab. British Islands.

a, b. Purchased, Feb. 11, 1862.
c. Presented by Henry Thurnall, Esq., July 25, 1866.
d, e. Presented by F. H. S. Streatfield, Esq., Dec. 24, 1873.
f. Deposited, June 29, 1874. From Sardinia.
g. Presented by Dr. Stafford, Jan. 22, 1875.
h, i. Presented by F. Creswell, Esq., March 5, 1877.
j. Presented by F. S. B. Brough, Esq., Aug. 30, 1878.
k, l. Presented by Capt. F. H. Salvin, Nov. 8, 1878.
m. Purchased, Oct. 25, 1881.

357. *Corvus affinis,* Rüpp. Abyssinian Crow.

Hab. Abyssinia.

a, b. Purchased, July 26, 1880.

358. *Corvus capellanus,* Sclater. Chaplain Crow.

Hab. Persia.

a–c. Presented by Dr. J. Huntley, June 16, 1876. From Fao, Persian Gulf. See P. Z. S. 1876, p. 694, pl. LXVI.
d–f. Presented by Dr. J. Huntley, July 26, 1877.

359. *Corvus culminatus,* Sykes. Large-billed Crow.

Hab. India.

a. Presented by W. Dunn, Esq., May 28, 1873.
b. Purchased, Oct. 13, 1877.

360. *Corvus splendens,* Vieill. Indian Crow.

Hab. India.

a. Purchased, June 22, 1870.
b–e. Presented by E. W. H. Holdsworth, Esq., July 18, 1871 From Ceylon. See P. Z. S. 1871, p. 625.
f. Deposited, May 28, 1873.
g, h. Presented by W. Dunn, Esq., C.M.Z.S., Jan. 22, 1875.
i. Presented by Capt. Murray, June 23, 1878.

361. *Corvus frugilegus*, Linn. Rook.

Hab. British Islands.

a–c. Presented by H. P. Hensman, Esq., June 24, 1868.
d, *e*. Deposited, Dec. 8, 1868.
f. Deposited, March 27, 1871.
g. Purchased, April 10, 1874.
h. Purchased, June 4, 1874.
i. Presented by Step. Clogg, Esq., Jan. 5, 1875.
j. Presented by R. Clayton, Esq., May 30, 1880. White variety.
k. Purchased, May 14, 1881.
l. Purchased, Oct. 25, 1881.

362. *Corvus monedula*, Linn. Jackdaw.

Hab. Europe.

a. Presented by W. Russell, Esq., F.Z.S., Sept. 15, 1862. From Macedonia (*C. collaris*, Strickl.).
b. Presented by F. H. T. Streatfield, Esq., F.Z.S., Aug. 26, 1870.
c. Purchased, April 26, 1873.
d. Presented by G. E. Ladbury, Esq., Jan. 25, 1878.
e. Purchased, Aug. 16, 1880.
f. Purchased, Dec. 18, 1880.

363. *Corvus scapulatus*, Daud. White-necked Crow.

Hab. Africa.

a. Purchased, Sept. 9, 1865.
b–d. Purchased, Aug. 30, 1866.
e. Presented by Capt. E. Whitehead, March 23, 1874.
f, *g*. Presented by the Rev. A. W. Petre, March 31, 1874.
h. Purchased, July 26, 1880.
i. Purchased, Nov. 15, 1880.

Genus Nucifraga.

364. *Nucifraga caryocatactes*, Linn. Nutcracker.

Hab. Europe.

a. Purchased, Oct. 11, 1864.
b. Received in exchange, Sept. 27, 1865.
c. Purchased, March 19, 1867.

Genus Pica.

365. *Pica rustica* (Scopoli). Magpie.
Hab. British Islands.

a. Presented by Miss Perry, Dec. 17, 1858.
b. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
c. Presented by the Rev. Thomas Gregory, Dec. 24, 1866.
d. Presented by F. S. Hoblyn, Esq., July 18, 1867.
e, *f*. Received in exchange, July 6, 1869.
g. Presented by T. Broadwood, Esq., May 29, 1872.
h. Presented by Mrs. L. Grenville, July 21, 1874.
i. Deposited, June 1, 1875.
j. Deposited, Aug. 5, 1876.
k. Presented by Miss Jessie Bovill, Feb. 10, 1877.
l. Presented by G. E. Ladbury, Esq., Jan. 25, 1878.
m. Presented by J. L. Baldwin, Esq., June 11, 1879.

366. *Pica bootanensis*, Delessert. Himalayan Magpie.
Hab. Bootan.

a. Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

367. *Pica mauritanica*, Malh. Moorish Magpie.
Hab. Algeria.

a. Presented by E. Guest, Esq., F.Z.S., July 12, 1870.

368. *Pica sericea*, Gould. Chinese Magpie.
Hab. China.

a. Purchased, Jan. 5, 1866.

Genus Cyanopolius.

369. *Cyanopolius cyanus* (Pall.). Chinese Blue Magpie.
Hab. China.

a. Presented by the Rev. A. W. Petre, Oct. 28, 1873.
b, *c*. Purchased, June 12, 1882.

370. *Cyanopolius cooki*, Bp. Spanish Blue Magpie.
Hab. Spain.

a. Presented by Lord Lilford, F.Z.S., Aug. 2, 1878. See P. Z. S. 1878, p. 789.
b–*g*. Presented by Lord Lilford, F.Z.S., Sept. 4, 1882.

Genus Perisoreus.

371. *Perisoreus infaustus* (Linn.). Canada Jay.

Hab. Nova Scotia.

a. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.

Genus Garrulus.

372. *Garrulus glandarius* (Linn.). Jay.

Hab. British Islands.

a, *b*. Purchased, June 12, 1863.
c, *d*. Presented, Sept. 3, 1866.
e, *f*. Received in exchange, July 6, 1869.
g. Presented by F. H. T. Streatfield, Esq., F.Z.S., Aug. 26, 1870.
h. Presented by Master P. Tulcher, Oct. 9, 1874.
i. Presented by J. Young, Esq., March 20, 1878.
j. Presented by Mrs. M. Dutton, April 9, 1880.
k. Presented by Arthur F. Astley, Esq., July 26, 1881.
l. Presented by J. Young, Esq., Dec. 10, 1881.
m. Presented by Lt.-Col. Birch Reynardson, March 3, 1882.

373. *Garrulus lanceolatus*, Vigors. Lanceolated Jay.

Hab. Himalayas.

a, *b*. Purchased, March 6, 1879.
c, *d*. Received in exchange, April 1, 1879. See P.Z.S. 1879, p. 384.

Genus Cyanocitta.

374. *Cyanocitta cristata* (Linn.). Blue Jay.

Hab. North America.

a. Purchased, July 14, 1855.
b, *c*. Purchased, 1859.
d–*f*. Purchased, April 14, 1868.
g, *h*. Purchased, May 29, 1869.
i, *j*. Presented by Lord Londesborough, F.Z.S., March 18, 1872.
k. Presented by E. Hawkins, Esq., June 1, 1876.
l Purchased, May 17, 1879.
m. Purchased, June 14, 1881.

Genus Cyanocorax.

375. *Cyanocorax cyanopogon* (Max.). Blue-bearded Jay.
Hab. Para.

a, *b*. Purchased, March 8, 1864. See P. Z. S. 1864, p. 138.
c. Purchased, Sept. 15, 1870.
d. Purchased, Jan. 17, 1872.
e. Purchased, June 2, 1872.
f, *g*. Purchased, Sept. 16, 1872.
h. Purchased, June 21, 1873.
i. Purchased, May 1, 1875.
j, *k*. Purchased, June 17, 1875.
l–*o*. Purchased, Sept. 17, 1875.
p–*s*. Purchased, Nov. 17, 1875.
t, *u*. Purchased, March 23, 1877.
v, *w*. Purchased, Sept. 17, 1877.
x–*z*. Purchased, Oct. 15, 1878.

376. *Cyanocorax pileatus* (Temm.). Pileated Jay.
Hab. La Plata.

a. Presented by Mrs. Laird Warren, Feb. 28, 1865.
b. Presented by E. B. Webb, Esq., Dec. 4, 1872.
c, *d*. Purchased, July 17, 1875.
e, *f*. Purchased, Jan. 24, 1879. Buenos Ayres.
g. Purchased, Aug. 7, 1879.
h. Presented by W. Young, Esq., June 8, 1881.
i, *j*. Presented by A. A. Dawly, Esq., July 7, 1881.
k, *l*. Presented by C. S. Barnes, Esq., Jan. 3, 1882.
m, *n*. Purchased, Aug. 1, 1882.

377. *Cyanocorax luxuosus* (Lesson). Mexican Jay.
Hab. Mexico.

a–*c*. Purchased, Dec. 9, 1876. See P. Z. S. 1877, p. 1.

378. *Cyanocorax incas* (Bodd.). Peruvian Blue Jay.
Hab. Columbia.

a, *b*. Purchased, June 17, 1872.

379. *Cyanocorax cyanomelas* (Vieill.). Black-headed Jay.
Hab. South America.

a. Purchased, Dec. 11, 1879.

Genus Calocitta.

380. *Calocitta formosa* (Sw.). Swainson's Long-tailed Jay.
Hab. Central America.

a. Purchased, May 29, 1877.

Genus Urocissa.

381. *Urocissa sinensis* (Bodd.). Chinese Blue Pie.
Hab. China.

a. Purchased, Feb. 19 1861. See P. Z. S. 1861, p. 101.
b. Purchased, March 13, 1877.
c. Deposited, Oct. 25, 1877.

382. *Urocissa magnirostris*, Blyth. Siamese Blue Pie.
Hab. Siam.

a. Purchased, Aug. 14, 1862.
b. Purchased, May 4, 1871.

383. *Urocissa occipitalis*, Blyth. Occipital Blue Pie.
Hab. Western Himalayas.

a. Purchased, June 3, 1868.

384. *Urocissa flavirostris*, Blyth. Yellow-billed Blue Pie.
Hab. India.

a–c. Received in exchange, May 15, 1877.

Genus Cissa.

385. *Cissa venatoria* (J. E. Gray). Hunting Crow.
Hab. India.

a, *b*. Purchased, June 2, 1868. See P. Z. S. 1868, p. 526.
c, *d*. Purchased, May 4, 1871.
e, *f*. Purchased, April 10, 1873.

Genus Dendrocitta.

386. *Dendrocitta vagabunda* (Lath.). Wandering Tree-pie.
Hab. India.

a. Purchased, Jan. 29, 1866.
b, *c*. Purchased, June 3, 1868.
d. Purchased, May 16, 1873.

387. *Dendrocitta sinensis* (Lath.). Chinese Tree-pie.
Hab. China.

a. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 9, 1872. See P. Z. S. 1872, p. 862.
b, *c*. Purchased, July 23, 1875.
d, *e*. Presented by Mr. Charles Rice, Oct. 14, 1879.

Genus Ptilostomus.

388. *Ptilostomus senegalensis* (Linn.). Piapec.
Hab. West Africa.

a. Purchased, Aug. 19, 1865.
b. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 9, 1872.

Genus Pyrrhocorax.

389. *Pyrrhocorax graculus* (Linn.). Chough.
Hab. British Islands.

a, *b*. Purchased, June 9, 1857.
c. Presented by J. Ashmead, Esq., July 19, 1869.
d. Presented by G. H. Holford, Esq., Aug. 12, 1873.
e. Presented by J. T. Hewes, Esq., March 14, 1874.
f, *g*. Deposited, Sept. 30, 1874.
h. Purchased, July 25, 1882.

390. *Pyrrhocorax alpinus*, Vieill. Alpine Chough.
Hab. Mountains of Europe and Asia.

a, *b*. Purchased, May 14, 1869.
c, *d*. Purchased, Aug. 2, 1869.
e–*i*. Purchased, Feb. 1, 1881.

Genus Corcorax.

391. *Corcorax melanorhamphus* (Vieill.). White-winged Chough.

Hab. Australia.

a. Purchased, May 9, 1866.
b, *c*. Purchased, June 23, 1875.
d. Received in exchange, Nov. 8, 1880.
e–*i*. Purchased, May 10, 1882.

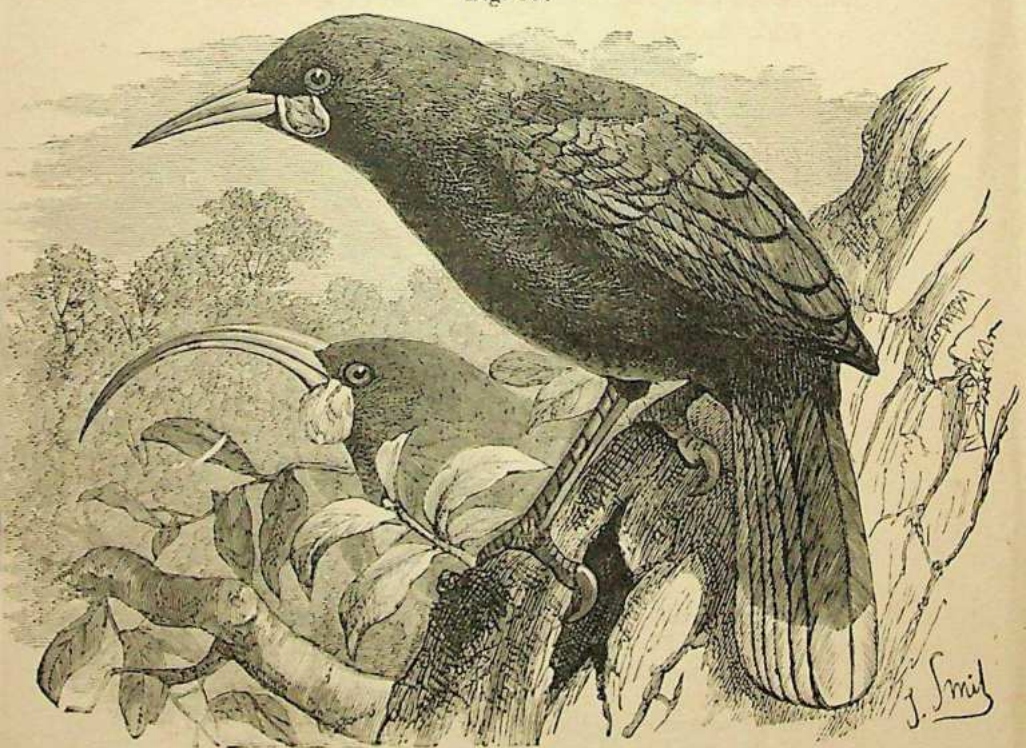
Genus Heteralocha.

392. *Heteralocha gouldi*, Gray. Huia Bird. (Fig. 39.)

Hab. New Zealand.

a. Purchased, May 18, 1870. See P. Z. S. 1870, p. 383, and 1872, p. 643.

Fig. 39.



Heteralocha gouldi. (‘Nature,’ ii. p. 146.)

Genus Strepera.

393. *Strepera graculina* (White). Pied Crow Shrike.
Hab. Australia.

a. Purchased, March 2, 1868.
b. Purchased, July 13, 1869.
c, *d*. Purchased, May 15, 1873.

394. *Strepera fuliginosa*, Gould. Sooty Crow Shrike.
Hab. Australia.

a. Purchased, April 13, 1870. See P. Z. S. 1870, p. 280.

395. *Strepera arguta*, Gould. Hill Crow Shrike.
Hab. Tasmania.

a. Presented by Miss Mary J. Mayo, May 5, 1865.

396. *Strepera anaphonensis* (Temm.). Grey Crow Shrike.
Hab. Australia.

a. Purchased, Aug. 16, 1864.
b, *c*. Presented by Miss Mary J. Mayo, May 5, 1865.
d. Received, April 4, 1866.
e. Purchased, March 11, 1867.
f. Presented by John Flaxman, Esq., Sept. 16, 1869.
g. Presented by the Rev. A. W. Petre, March 31, 1874.

Genus Gymnorhina.

397. *Gymnorhina leuconota*, Gould. White-backed Piping Crow.
Hab. South Australia.

a, *b*. Presented by Dr. Mueller, C.M.Z.S., Aug. 19, 1862. From Melbourne.
c–l. Deposited, 1863.
m. Deposited, July 20, 1866.
n. Presented by C. C. Fuller, Esq., Dec. 21, 1866.
o. Deposited, Oct. 19, 1867.
p. Presented by Mrs. C. England, March 21, 1868.
q. Presented by Higford Burr, Esq., Sept. 9, 1869.
r. Presented by J. F. Blackmore, Esq., May 23, 1870.
s. Deposited, Aug. 22, 1873.
t. Presented by F. Fuller, Esq., Nov. 1, 1874.
u. Presented by J. Ritchie, Esq., May 8, 1878.
v. Presented by Mrs. Buchanan, Sept. 24, 1879.

w–y. Presented by Sir Harry St. George Ord, C.B., F.Z.S., May 20, 1880.
z. Deposited, June 3, 1881.
a^1. Deposited, June 13, 1882.

398. *Gymnorhina organica*, Gould. Tasmanian Piping Crow.
Hab. Tasmania.

a, *b*. Presented by Dr. Mueller, C.M.Z.S., Oct. 26, 1863.
c. Deposited, April 10, 1869.

399. *Gymnorhina tibicen* (Lath.). Black-backed Piping Crow.
Hab. Australia.

a. Purchased, April 24, 1882.

Genus Barita.

400. *Barita destructor*, Temm. Long-billed Butcher Crow.
Hab. New Holland.

a. Presented by Charles Clifton, Esq., F.Z.S., May 4, 1863.
b. Deposited, July 21, 1866.
c. Purchased, June 14, 1867.
d. Purchased, March 25, 1872.

Family ALAUDIDÆ.

Genus Alauda.

401. *Alauda arvensis*, Linn. Sky-Lark.
Hab. British Islands.

a. Female. Presented by Mr. E. Bartlett, Dec. 31, 1862.
b. Presented by F. Buckland, Esq., Aug. 25, 1879.
c. Presented by F. J. Barry, Esq., Oct. 17, 1879.
d, *e*. Presented by E. Lawrance, Esq., Nov. 21, 1881.

402. *Alauda gulgula* (Franklin). Indian Sky-Lark.
Hab. India.

a. Purchased, June 18, 1872.

403. *Alauda crassirostris*, Vieill. Thick-billed Lark.
Hab. Africa.

a. Presented by Miss Charlotte Boyle, April 27, 1867.

ZOOLOGICAL GARDENS 1875. CALCUTTA

404. *Alauda arborea,* Linn. Wood-Lark.
Hab. British Islands.

a. Purchased, Oct. 8, 1866.
b. Purchased, April 18, 1868.
c, d. Received in exchange, June 6, 1882.

405. *Alauda cristata,* Linn. Crested Lark.
Hab. India.

a. Male; *b.* Female. Purchased, June 18, 1872.

Genus Calandrella.

406. *Calandrella brachydactyla* (Leisler). Short-toed Lark.
Hab. Algeria.

a. Purchased, Aug. 1, 1864.
b. Presented by H. A. Macpherson, Esq., Dec. 26, 1881.

Genus Mirafra.

407. *Mirafra affinis* (Jerdon). Madras Bush-Lark.
Hab. India.

a. Purchased, June 18, 1872.

Genus Melanocorypha.

408. *Melanocorypha mongolica* (Gm.). Chinese Lark.
Hab. China.

a. Presented by Charles Rivington, Esq., June 1, 1866.
b. Presented by Lieut. Duncan Stewart, R.N., July 27, 1867.

409. *Melanocorypha calandra* (Linn.). Calandra Lark.
Hab. Europe.

a. Deposited, Sept. 15, 1862.
b, c. Deposited, May 11, 1865.
d–g. Presented by C. Tait, Esq., April 17, 1872.
h, i. Presented by Mons. J. M. Cornély, C.M.Z.S., March 6, 1881.

410. *Melanocorypha yeltoniensis* (Forster). Black Lark.
Hab. Siberia.

a–d. Purchased, June 8, 1876.

Genus Pyrrhulauda.

411. *Pyrrhulauda verticalis* (Smith). White-headed Bullfinch Lark.

Hab. South Africa.

a–c. Purchased, Sept. 26, 1873.
d–g. Purchased, Aug. 29, 1882.

Genus Otocorys.

412. *Octocorys alpestris* (Linn.). Shore-Lark.

Hab. North Europe and North America.

a. Purchased, March 28, 1868.
b–d. Purchased, April 13, 1868.
e, f. Presented by A. Hewitson, Esq., Oct. 7, 1876.
g. Purchased, Nov. 23, 1882.

413. *Otocorys chrysolæma* (Wagl.). White-bellied Shore-Lark.

Hab. Cuba.

a–c. Purchased, June 9, 1879.

Family PITTIDÆ.

Genus Pitta.

414. *Pitta bengalensis* (Gm.). Bengal Pitta.

Hab. India.

a. Purchased, Aug. 18, 1876. See P. Z. S. 1876, p. 696.
b. Purchased, Sept. 21, 1882.

Family TYRANNIDÆ.

Genus Megarhynchus.

415. *Megarhynchus pitangua* (Linn.). Pitangua Tyrant.

Hab. Brazil.

a. Purchased, June 19, 1867.
b–d. Purchased, Oct. 11, 1867.

Genus Tyrannus.

416. *Tyrannus pipiri,* Vieill. American Kingbird.

Hab. North America.

a. Purchased, July 11, 1882.

Genus Pitangus.

417. *Pitangus sulphuratus* (Linn.). Sulphury Tyran

Hab. South America.

a. Purchased, Dec. 19, 1871.
b. Purchased, Feb. 8, 1872.
c. Purchased, Sept. 17, 1875.
d. Purchased, Nov. 17, 1875.
e, f. Purchased, July 18, 1876.
g, h. Received in exchange, May 23, 1878.
i. Purchased, Sept. 13, 1880.

Family COTINGIDÆ.

Genus Chasmorhynchus.

418. *Chasmorhynchus nudicollis* (Vieill.). Naked-throated Bell-bird.

Hab. Brazil.

a. Male. Purchased, May 22, 1866.
b. Male. Purchased, Sept. 6, 1866.
c. Presented by John A. Palin, Esq., C.M.Z.S., Feb. 5, 1867.
d. Purchased, May 23, 1870.
e. Received in exchange, July 7, 1870.
f. Purchased, Oct. 15, 1874.
g. Purchased, Jan. 18, 1875.
h. Purchased, July 19, 1875.
i, j. Purchased, Nov. 17, 1875.
k. Purchased, July 18, 1876.
l. Purchased, July 20, 1876.
m. Purchased, Oct. 15, 1878.
n, o. Purchased, Dec. 31, 1879.
p. Purchased, April 3, 1880.
q. Purchased, Oct. 31, 1882.

Genus Cotinga.

419. *Cotinga cincta,* Bodd. Banded Cotinga.

Hab. Brazil.

a. Purchased, Jan. 18, 1875. From Bahia. See P. Z. S. 1875, p. 82.
b. Purchased, Oct. 17, 1877.

Genus Rupicola.

420. *Rupicola crocea,* Vieill. Demeraran Cock of the Rock.

Hab. Demerara.

a, b. Presented by J. Lucie Smith, Esq., July 4, 1866. See P. Z. S. 1866, p. 418.
c. Presented by Capt. Coventry, Oct. 15, 1868.
d. Purchased, Feb. 17, 1875.
e. Purchased, April 20, 1877.
f. Purchased, June 5, 1877.
g. Purchased, July 3, 1878.
h. Male. Presented by R. S. Fraser, Esq., Sept. 10, 1879.
i. Male. Received in exchange, Feb. 18, 1881.

Family DENDROCOLAPTIDÆ.

Genus Furnarius.

421. *Furnarius rufus* (Gm.). Red Oven-bird.

Hab. Buenos Ayres.

a. Purchased, Oct. 30, 1873.

Family MENURIDÆ.

Genus Menura.

422. *Menura superba,* Dav. Lyre-bird.

Hab. South-east Australia.

a. Purchased, April 9, 1867. See P. Z. S. 1867, p. 391.
b. Female. Purchased, March 21, 1868.
c. Male. Deposited, April 21, 1868. See P. Z. S. 1868, p. 262.
d. Male. Purchased, April 26, 1876.

Order II. PICARIÆ.

Suborder CYPSELI.

Family CYPSELIDÆ.

Genus CYPSELUS.

423. *Cypselus apus* (Linn.). Swift.
Hab. British Islands.

a. Presented by H. H. Johnston, Esq., May 5, 1881.

Family CAPRIMULGIDÆ.

Genus CAPRIMULGUS.

424. *Caprimulgus europæus,* Linn. Nightjar.
Hab. Europe.

a, *b*. Deposited, Aug. 9, 1872.
c. Presented by Mr. J. W. Slack, June 9, 1873.
d. Presented by Col. Leas, Oct. 1, 1875.
e, *f*. Presented by Mr. E. Ockenden, Aug. 12, 1880.

Suborder PICI.

Family PICIDÆ.

Genus DENDROCOPUS.

425. *Dendrocopus major,* (Linn.). Greater Spotted Woodpecker.
Hab. British Islands.

a. Purchased, June 12, 1863.
b, *c*. Presented by S. C. Hincks, Esq., June 23, 1865.
d. Presented by H.S.H. Prince Edward of Saxe-Weimar, Aug. 3, 1865.
e. Purchased, Aug. 2, 1870.
f. Presented by F. Bond, Esq., F.Z.S., June 26, 1871.
g. Purchased, Feb. 9, 1872.

h. Female. Purchased, Nov. 3, 1873.
i. Presented by H. Laver, Esq., Oct. 18, 1876.
j, *k*. Presented by J. A. Cooper, Esq., June 6, 1878.
l. Presented by H. Laver, Esq., March 20, 1879.
m. Purchased, Jan. 16, 1880. From Siberia.
n. Purchased, Oct. 4, 1880.

426. *Dendrocopus minor* (Linn.). Lesser Spotted Woodpecker.
Hab. British Islands.

a. Purchased, Sept. 2, 1872.

Genus Centurus.

427. *Centurus tricolor* (Wagl.). Banded Woodpecker.
Hab. South America.

a. Purchased, June 10, 1870.

Genus Leuconerpes.

428. *Leuconerpes candidus* (Otto). White-headed Woodpecker.
Hab. Brazil.

a. Received in exchange, Oct. 31, 1871.

Genus Gecinus.

429. *Gecinus viridis* (Linn.). Green Woodpecker.
Hab. British Islands.

a–*g*. Purchased, June 18, 1867.
h, *i*. Purchased, July 3, 1872.
j–*l*. Purchased, June 28, 1875.
m. Presented by C. H. Davis, Esq., July 8, 1880.
n–*q*. Purchased, July 13, 1880.
r, *s*. Presented by Mr. J. King, July 13, 1880.

Genus Colaptes.

430. *Colaptes auratus* (Linn.). Golden-winged Woodpecker.
Hab. North America.

a. Purchased, March 3, 1864.
b. Purchased, Aug. 3, 1866.
c. Purchased, May 2, 1878.
d, *e*. Purchased, Dec. 23, 1882.
f. Purchased, Dec. 29, 1882.

Family IYNGIDÆ.

Genus Iynx.

431. *Iynx torquilla,* Linn. Wryneck.
Hab. Europe.

a. Purchased, July 16, 1874.
b. Presented by G. H. Brooks, Esq., Aug. 21, 1875.

Suborder Anisodactylæ.

Family COLIIDÆ.

Genus Colius.

432. *Colius castanonotus,* Verreaux. Chestnut-backed Coly.
Hab. Angola.

a–c. Presented by Henry C. Tait, Esq., C.M.Z.S., April 4, 1876. See P. Z. S. 1876, p. 413, pl. xxxv.

Family ALCEDINIDÆ.

Genus Alcedo.

433. *Alcedo ispida,* Linn. Kingfisher.
Hab. British Islands.

a–z. See former editions.
a^1–e^1. Purchased, May 18, 1871.
f^1, g^1. Presented by J. Furness, Esq., Dec. 2, 1872.
h^1. Presented by A. Yates, Esq., Feb. 2, 1872.
i^1–m^1. Purchased, Aug. 10, 1874.
n^1. Purchased, Aug. 28, 1874.
o^1. Purchased, Nov. 30, 1874.
p^1. Presented by Mr. Swann, June 19, 1875.
q^1–t^1. Presented by J. Lyford, Esq., July 6, 1877.
u^1. Presented by W. Thompson, Esq. Sept. 7, 1877.
v^1, w^1. Purchased, Aug. 5, 1878.
x^1–c^2. Purchased, Aug. 17, 1878.
d^2, e^2. Presented by W. W. Cobb, Esq., June 5, 1879.
f^2. Presented by C. H. Greaves, Esq., June 4, 1880.
g^2. Presented by O. W. Craven, Esq., June 13, 1880.
h^2. Purchased, Aug. 9, 1880.
i^2–n^2. Presented by T. A. Burnaby, Esq., Aug. 9, 1882.
o^2–r^2. Presented by Mr. G. Davis, Aug. 24, 1882.

Genus Halcyon.

434. *Halcyon vagans* (Less.). New-Zealand Kingfisher.
Hab. New Zealand.

a–c. Received in exchange, Oct. 2, 1872.

435. *Halcyon sancta* (Vig. & Horsf.). Sacred Kingfisher.
Hab. Australia.

a. Received in exchange, May 25, 1868.

Genus Dacelo.

436. *Dacelo gigantea* (Lath.). Laughing Kingfisher.
Hab. Australia.

a–z. See former editions.
a^1, b^1. Presented by Theodore Hanbury, Esq., Oct. 6, 1872.
c^1, d^1. Presented by J. F. Hayward, Esq., March 23, 1874.
e^1. Presented by J. S. White, Esq., July 31, 1874.
f^1, g^1. Presented by Crawford Caffin, Esq., April 12, 1878.
h^1. Presented by W. D. Barker, Jun., Esq., April 25, 1878.
i^1. Presented by Delves L. Broughton, Esq., Oct. 4, 1878.
j^1, k^1. Presented by E. A. B. Crochett, Esq., Dec. 4, 1878.
l^1. Presented by F. Belcher, Esq., March 30, 1879.
m^1. Presented by Mr. E. Hawkins, June 13, 1879.
n^1, o^1. Presented by Edward Trelawny, Esq., April 8, 1881.
p^1. Deposited, June 3, 1881.
q^1, r^1. Presented by Sir Hubert Sandford, June 25, 1881.
s^1. Presented by Mr. Douglas, July 30, 1881.
t^1. Presented by H. G. Austin, Esq., Oct. 24, 1882.

437. *Dacelo cervina*, Gould. Buff Laughing Kingfisher.
Hab. North Australia.

a–c. Purchased, May 25, 1870. See P. Z. S. 1870, p. 383.

Family BUCEROTIDÆ.

Genus Bucorvus.

438. *Bucorvus abyssinicus* (Gm.). Ground-Hornbill.
Hab. West Africa.

a. Female. Purchased, Sept. 9, 1865. From Eastern Africa.
See P. Z. S. 1865, p. 676.

b, *c*. Females. Purchased, Aug. 30, 1866.
d. Male. Presented by Charles B. Mosse, Esq., Staff-Surgeon, May 6, 1867. See P. Z. S. 1867, p. 473.
e. Male. Received in exchange, Sept. 30, 1870.
f. Received in exchange, April 26, 1875.
g. Deposited, Aug. 5, 1875.
h. Purchased, July 26, 1880.

Genus Buceros.

439. *Buceros rhinoceros*, Linn. Rhinoceros Hornbill.

Hab. Malay Peninsula.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
b. Male: *c*. Female. Purchased, April 22, 1872. See P. Z. S. 1872, p. 636.
d. Purchased, April 19, 1873.

440. *Buceros lunatus*, Temm. Lunated Hornbill.

Hab. Java.

a. Purchased, Feb. 14, 1872.

Genus Dichoceros.

441. *Dichoceros bicornis*, Linn. Concave-casqued Hornbill.

Hab. India.

a. Male. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
b. Female. Presented by William Dunn, Esq., C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
c. Female. Deposited, July 23, 1865, and afterwards purchased.
d. Purchased, March 11, 1867.
e. Purchased, March 18, 1870. See P. Z. S. 1870, p. 220.
f. Received in exchange, April 29, 1875.
g. Received in exchange, May 15, 1877.
h. Male; *i*. Female. Purchased, March 15, 1880.
j, *k*. Females. Purchased, March 18, 1880.

Genus Anthracoceros.

442. *Anthracoceros coronatus* (Bodd.). Crowned Hornbill.
Hab. Malabar.

a, *b*. Purchased, June 3, 1868.
c, *d*. Purchased, Jan. 20, 1873.
e. Received in exchange, May 15, 1877.

443. *Anthracoceros convexus* (Temm.). Malayan Pied Hornbill.
Hab. Malacca.

a. Purchased, Jan. 1, 1866.

444. *Anthracoceros malabaricus*. Indian Pied Hornbill.
Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 31, 1863.
b, *c*. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882.

445. *Anthracoceros malayanus* (Raffles). White-billed Hornbill.
Hab. Malacca.

a. Purchased, Feb. 17, 1874. See P. Z. S. 1874, p. 151.

Genus Cranorrhinus.

446. *Cranorrhinus corrugatus* (Temm.). Wrinkled-bill Hornbill.
Hab. Sumatra and Borneo.

a. Male. Purchased, April 27, 1868. See P. Z. S. 1868, p. 261.
b. Female. Purchased, March 18, 1870. See *Buceros gracilis*, P. Z. S. 1870, p. 220, and 1871, p. 489.

Genus Ceratogymna.

447. *Ceratogymna elata* (Temm.). Elate Hornbill.
Hab. West Africa.

a. Purchased, Aug. 19, 1867. See P. Z. S. 1867, p. 817.
b. Purchased, July 21, 1875.
c. Purchased, April 12, 1880.
d. Purchased, July 29, 1880.
e. Purchased, Aug. 19, 1880.

Genus Sphagolobus.

448. *Sphagolobus atratus* (Temm.). Black Hornbill.

Hab. West Africa.

a. Purchased, Aug. 22, 1867.
b. Purchased, May 5, 1868. See P. Z. S. 1868, p. 622.
c. Purchased, June 2, 1868.
d. Purchased, June 9, 1879.
e. Received in exchange, Aug. 4, 1879.

Genus Bycanistes.

449. *Bycanistes subcylindricus* (Sclater). Subcylindrical Hornbill. (Fig. 40.)

Hab. West Africa.

a. Purchased, July 18, 1870. Specimen described and figured, P. Z. S. 1870, p. 668, pl. xxxix. See also P. Z. S. 1871, p. 489.
b. Received in exchange, May 8, 1879. See P. Z. S. 1879, p. 550.

Fig. 40.

Head of *Bycanistes subcylindricus*. (P. Z. S. 1871, p. 490.)

Genus Rhytidoceros.

450. *Rhytidoceros plicatus*, Shaw. Plicated Hornbill. (Fig. 41.)
Hab. Sumatra and Malacca.

a. Male. Purchased, March 18, 1870. From Sumatra. See P. Z. S. 1870, p. 220.
b. Female. Purchased, March 18. 1870. From Malacca. See P. Z. S. 1870, p. 220.

Genus Toccus.

451. *Toccus melanoleucus* (Licht.). Black-and-white Hornbill.
Hab. South Africa.

a, *b*. Purchased, Nov. 27, 1868. See P. Z. S. 1868, p. 622.

Fig. 41.

Rhytidoceros plicatus. ('Nature,' ii. p. 10.)

452. *Toccus erythrorhynchus*, Temm. Red-billed Hornbill.
Hab. Africa.

a. Purchased, May 19, 1865.
b, *c*. Purchased, Oct. 30, 1867. See P. Z. S. 1867, p. 890.
d. Purchased, April 10, 1868.

Family UPUPIDÆ.

Genus Upupa.

453. *Upupa epops*, Linn. Hoopoe.
Hab. Europe.

a. Presented by F. Campbell, Esq., July 2, 1865.
b, *c*. Purchased, Aug. 13, 1866.
d–*g*. Purchased, June 22, 1868.

Family MOMOTIDÆ.

Genus Momotus.

454. *Momotus subrufescens*, Sclater. Cartagenian Motmot.
Hab. U.S. of Columbia.

a. Purchased, July 17, 1860.

455. *Momotus brasiliensis*, Lath. Brazilian Motmot.
Hab. Brazil.

a. Purchased, Aug. 30, 1877. See P. Z. S. 1877, p. 681.

Family CORACIIDÆ.

Genus Coracias.

456. *Coracias garrula*, Linn. Roller.
Hab. Europe.

a, *b*. Purchased, Aug. 1, 1871.
c, *d*. Purchased, Oct. 14, 1874.

Family PODARGIDÆ.

Genus Podargus.

457. *Podargus cuvieri,* Vig. & Horsf. Cuvier's Podargus.

Hab. Australia.

a. Purchased, Jan. 14, 1862.
b. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
c. Presented by Dr. Mueller, C.M.Z.S., March 10, 1866. From South Australia.
d. Purchased, March 7, 1867.
e, f. Purchased, March 10, 1869. See P. Z. S. 1869, p. 467.
g. Purchased, June 23, 1871. From Tasmania.
h. Presented by R. S. C. Baber, Esq., April 25, 1879.

Family STEATORNITHIDÆ.

Genus Steatornis.

458. *Steatornis caripensis,* Humb. Oil-bird.

Hab. Venezuela.

a. Presented by the Hon. A. Gordon, C.M.Z.S., June 29, 1869. See P. Z. S. 1869, p. 467.
b. Presented by G. W. des Voeux, Esq., C.M.Z.S., July 31, 1877.

Suborder Zygodactylæ.

Family RAMPHASTIDÆ.

Genus Ramphastos.

459. *Ramphastos toco,* Gm. Toco Toucan.

Hab. Guiana.

a. Presented by F. Anderson, Esq., Nov. 18, 1863.
b. Purchased, Jan. 24, 1872.
c. Purchased, June 2, 1872.
d. Purchased, June 21, 1872.
e, f. Purchased, May 19, 1880.
g, h. Purchased, Oct. 13, 1880.

460. *Ramphastos carinatus*, Sw. Sulphur-breasted Toucan.

Hab. Mexico.

a. Purchased, March 22, 1860.
b. Purchased, Oct. 15, 1866.
c, *d*. Purchased, May 26, 1869.
e. Presented by J. C. Shircore, Esq., May 29, 1869.
f, *g*. Purchased, Sept. 6, 1871.
h–*k*. Purchased, July 30, 1872.
l. Purchased, Oct. 31, 1876. Cartagena.
m. Purchased, Aug. 27, 1879.
n. Purchased, Sept. 28, 1880.

461. *Ramphastos tocard*, Vieill. Doubtful Toucan.

Hab. U. S. of Columbia.

a. Presented by L. Merino, Esq., Aug. 29, 1876.
b. Purchased, June 28, 1880.

462. *Ramphastos erythrorhynchus* (Gm.). Red-billed Toucan.

Hab. Cayenne.

a. Purchased, July 20, 1859.
b. Presented by Philip Harrington, Esq., Aug. 11, 1874.
c. Purchased, Aug. 26, 1880.
d. Purchased, June 24, 1881.
e. Purchased, Sept. 5, 1882.

463. *Ramphastos cuvieri*, Gould. Cuvier's Toucan.

Hab. Upper Amazons.

a. Purchased, Dec. 14, 1871. See P. Z. S. 1872, p. 23.
b. Presented by A. Blumenthal, Esq., Oct. 1, 1875.

464. *Ramphastos ariel*, Vig. Ariel Toucan.

Hab. Brazil.

a. Purchased, July 4, 1859.
b. Purchased, July 27, 1867.
c, *d*. Purchased, Oct. 18, 1875.
e. Purchased, July 20, 1876.
f. Purchased, Sept. 17, 1877.
g. Purchased, Jan. 24, 1879. From Bahia.
h. Purchased, May 17, 1879.
i–*l*. Purchased, Oct. 2, 1879.
m. Purchased, Oct. 14, 1881.
n. Purchased, Oct. 31, 1881.

465. *Ramphastos vitellinus,* Licht. Sulphur-and-white-breasted Toucan.

Hab. South America.

a. Purchased, March 7, 1872. See P. Z. S. 1872, p. 862.

466. *Ramphastos dicolorus,* Linn. Green-billed Toucan.

Hab. Guiana.

a. Purchased, July 20, 1876.
b. Purchased, April 25, 1881.
c, d. Purchased, March 29, 1882.

Genus Pteroglossus.

467. *Pteroglossus wiedi,* Sturm. Maximilian's Aracari.

Hab. Brazil.

a. Received in exchange, Nov. 22, 1872. See P. Z. S. 1872, p. 862.
b. Purchased, Oct. 30, 1875.
c. Purchased, Sept. 17, 1877.
d. Purchased, Oct. 17, 1877.
e. Purchased, Sept. 13, 1880. From Pernambuco.

468. *Pteroglossus torquatus* (Gm.). Banded Aracari.

Hab. Central America.

a, b. Purchased, July 28, 1870. From Panama.

Genus Selenidera.

469. *Selenidera maculirostris* (Licht.). Spotted-billed Toucanet.

Hab. Brazil.

a. Purchased, June 14, 1879. From Rio de Janeiro. See P. Z. S. 1879, p. 663.
b. Purchased, Sept. 25, 1880.

Family CAPITONIDÆ.

Genus Megalæma.

470. *Megalæma asiatica* (Lath.). Blue-cheeked Barbet.
Hab. India.

a. Purchased, Sept. 4, 1866.
b, *c*. Purchased, May 4, 1871.
d, *e*. Purchased, June 20, 1874.
f. Purchased, Feb. 7, 1876.

471. *Megalæma virens* (Bodd.). Great Barbet.
Hab. Himalayas.

a. Purchased, June 6, 1876.

472. *Megalæma hodgsoni*, Bp. Hodgson's Barbet.
Hab. Himalayas.

a. Purchased, March 8, 1877. See P. Z. S. 1877, p. 303.

Suborder Coccyges.

Family CUCULIDÆ.

Genus Cuculus.

473. *Cuculus canorus*, Linn. Cuckoo.
Hab. British Islands.

a. Presented by R. F. Lascelles, Esq., jun., Sept. 11, 1863.
b. Presented by J. Currie, Esq., Nov. 15, 1863.
c. Presented by W. Barrington d'Almeida, Esq., Sept. 19, 1865.
d. Presented by E. C. Hampton, Esq., Oct. 22, 1866.
e. Presented by R. L. Bristow, Esq., July 20, 1867.
f. Presented by the Rev. J. B. Sweet, July 26, 1867.
g. Presented by H. Clark, Esq., May 31, 1869.
h. Presented by Dr. Salter, F.Z.S., Aug. 29, 1870.
i. Presented by H. J. B. Hancock, Esq., F.Z.S., July 15, 1871.

j. Presented by Joseph Travers Smith, Esq., F.Z.S., Aug. 1, 1872.
k. Presented by C. B. Wharton, Esq., F.Z.S., Aug. 5, 1873.
l. Presented by Dr. E. Williams, Sept. 19, 1873.
m. Presented by J. F. Lewis, Esq., July 2, 1874.
n. Presented by Dr. E. Etheridge, Aug. 13, 1874.
o. Presented by Lieut.-Col. Crooke, June 8, 1875.
p. Presented by J. Paddy, Esq., Aug. 14, 1876.
q. Presented by J. Heath, Esq., Nov. 6, 1877.
r. Presented by G. D. Careless, Esq., July 19, 1878.
s. Presented by Miss C. Bealey, Aug. 1, 1879.
t. Presented by Mr. J. Shapland, Aug. 18, 1879.
u. Presented by Mrs. Bolton, Sept. 15, 1879.
v. Presented by Miss C. Bealey, Sept. 16, 1879.
w. Presented by G. Chandle, Esq., Sept. 8, 1880.
x. Presented by E. G. Forbes Higginson, Esq., Sept. 14, 1880.
y. Presented by Mr. H. Morrison, July 29, 1880.
z. Presented by Master Alfred Beart, Sept. 24, 1881.
a'. Presented by R. H. Rokeby, Esq., July 29, 1882.

Genus Eudynamis.

474. *Eudynamis orientalis* (Linn.). Black Cuckoo.

Hab. India.

a. Male; *b*. Female. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
c. Purchased, Oct. 7, 1868.
d. Presented by Commander H. C. St. John, R.N., April 2, 1873.
e. Purchased, Aug. 27, 1873.

475. *Eudynamis taitensis*, Sparrm. Long-tailed Cuckoo.

Hab. New Zealand.

a. Purchased, April 26, 1878.

Genus Carpococcyx.

476. *Carpococcyx radiatus* (Temm.). Radiated Fruit-Cuckoo.

Hab. Sumatra.

a. Purchased, Aug. 31, 1882. See P. Z. S. 1882, p. 358.

Genus Centropus.

477. *Centropus rufipennis,* Ill. Indian Coucal.
Hab. India.

a, b. Purchased, July 11, 1867.
c. Purchased, Oct. 7, 1868.
d. Presented by Mrs. Hunter Blair, June 23, 1875.

478. *Centropus senegalensis,* Linn. Senegal Coucal.
Hab. West Africa.

a. Purchased, March 8, 1869.

479. *Centropus phasianus* (Lath.). Pheasant Coucal.
Hab. New South Wales.

a. Purchased, March 5, 1872. See P. Z. S. 1872, p. 603.

Genus Crotophaga.

480. *Crotophaga ani,* Linn. Ani.
Hab. South America.

a. Purchased, Jan. 1, 1875.

Genus Guira.

481. *Guira piririgua* (Vieill.). Guira Cuckoo.
Hab. Para.

a–d. Purchased, March 8, 1864. See P. Z. S. 1864 p. 138.
e, f. Deposited, March 16, 1872.
g, h. Deposited, April 13, 1872.
i–m. Purchased, Jan. 1, 1875.
n. Purchased, Jan. 30, 1878.
o. Purchased, April 25, 1878.
p, q. Purchased, Nov. 4, 1880.

Family MUSOPHAGIDÆ.

Genus Musophaga.

482. *Musophaga violacea,* Isert. Violaceous Plaintain-cutter.
Hab. West Africa.

a. Deposited, April 24, 1863.
b. Purchased, Dec. 13, 1866.
c. Young. Purchased, Dec. 13, 1866.
d. Purchased, Dec. 14, 1871.
e, *f*. Purchased, Jan. 11, 1872.
g. Received in exchange, Dec. 17, 1873.
h, *i*. Purchased, Dec. 30, 1873.
j. Purchased, Sept. 30, 1882.

Genus Schizorhis.

483. *Schizorhis africana* (Lath.). Variegated Touracou.
Hab. West Africa.

a. Purchased, Dec. 3, 1863.
b. Purchased, March 16, 1866.
c, *d*. Received in exchange, April 4, 1873.

Genus Corythaix.

484. *Corythaix buffoni* (Vieill.). Buffon's Touracou.
Hab. West Africa.

a. Presented by Russell M. Gordon, Esq., F.Z.S., Oct. 10, 1862.

485. *Corythaix albocristata,* Strickl. White-crested Touracou.
Hab. South Africa.

a. Purchased, May 23, 1870.
b, *c*. Presented by W. Wormald, Esq., Sept. 23, 1878.
d. Presented by Capt. T. G. Steer, Aug. 10, 1881.

486. *Corythaix persa* (Linn.). Senegal Touracou.

Hab. West Africa.

a. Presented by Lieut. A. H. Webb, R.N., July 28, 1858.
b. Presented by Admiral Sir H. Keppel, K.C.B., Aug. 14, 1861.
c, *d*. Purchased, March 5, 1868.
e. Purchased, Aug. 17, 1868.
f. Purchased, March 5, 1869.
g. Male; *h*. Female. Purchased, March 4, 1870.
i. Purchased, June 1, 1870.
j. Purchased, Feb. 13, 1871.
k–*m*. Purchased, March 4, 1871.
n. Purchased, Jan. 12, 1872.
o, *p*. Purchased, Aug. 9, 1873.
q, *r*. Presented by Mr. Hawkins, Jan. 2, 1874.
s. Presented by Lieut. V. L. Cameron, April 4, 1876. See P. Z. S. 1876, p. 413.
t. Purchased, Aug. 2, 1876.
u, *v*. Deposited, Nov. 1, 1876.
w, *x*. Presented by J. G. Tayler, Esq., May 8, 1877.
y. Presented by Capt. R. H. Crew, May 11, 1877.

487. *Corythaix macrorhyncha*, Fraser. Great-billed Touracou.

Hab. West Africa.

a. Purchased, Dec. 28, 1865.
b. Purchased, Dec. 13, 1866.

488. *Corythaix erythrolophus*, Vieill. Red-crested Touracou.

Hab. West Africa.

a. Presented by J. Colman, Esq., Oct. 6, 1878.

489. *Corythaix porphyreolophus*, Vigors. Purple-crested Touracou.

Hab. East Africa.

a. Presented by the Rev. J. A. Gould, F.Z.S., Feb. 4, 1879. See P. Z. S. 1879, p. 218.

Order III. PSITTACI.

Family CACATUIDÆ.

Subfamily CACATUINÆ.

Genus CACATUA.

490. *Cacatua moluccensis* (Gm.). Rose-crested Cockatoo.

Hab. Moluccas.

a. Deposited, Aug. 30, 1855.
b. Presented by — Mostyn, Esq., Oct. 23, 1862.
c. Presented by Robert Drummond, Esq., F.Z.S., March 19, 1863.
d. Received in exchange, April 9, 1863.
e. Deposited, July 23, 1863.
f. Presented by Mrs. Moss King, Nov. 13, 1863.
g. Deposited, Feb. 25, 1865.
h. Deposited, May 20, 1867.
i. Presented by Miss Ann E. Wimbolt, Sept. 27, 1867.
j. Presented by Mrs. Dix, April 31, 1868.
k. Male. Presented by Mrs. Hutton, Jan. 20, 1869.
l. Presented by Arthur Lewis, Esq., March 5, 1870.
m. Presented by Dr. R. S. Peart, April 20, 1870.
n. Presented by Mr. H. Baldwin, April 21, 1874.
o. Presented by J. C. Elmes, Esq., July 21, 1874.
p. Deposited, Aug. 3, 1875.
q. Presented by Mrs. Sydenham, Sept. 18, 1875.
r. Deposited, Nov. 19, 1875.
s. Deposited, Feb. 22, 1876.
t. Presented by G. J. Webb, Esq., June 5, 1876.
u. Presented by Miss Foster, Aug. 15, 1879.

491. *Cacatua ophthalmica*, Sclater. Blue-eyed Cockatoo.

Hab. New Britain.

a, *b*. Purchased, April 25, 1862. Specimens described and figured, P. Z. S. 1862, pl. XIV. p. 141, as *Cacatua ducorpsii*. See Sclater, P. Z. S. 1864, p. 187, where the name is changed to *C. ophthalmica*.
c, *d*. Purchased, May 11, 1865.
e. Presented by Lt.-Col. Arbuthnot, July 4, 1876.
f, *g*. Presented by the Rev. G. Brown, C.M.Z.S., Jan. 25 1880.
h. Deposited, Jan. 3, 1882.

492. *Cacatua cristata*, Wagler. Greater White-crested Cockatoo.

Hab. Moluccas.

a. Purchased, July 19, 1861.
b. Received in exchange, May 8, 1868.
c. Presented by Major-General Sir B. T. Phillips, F.Z.S., April 10, 1871.
d. Presented by T. Towndron, Esq., Dec. 9, 1873.
e. Presented by Mrs. A. L. Chetwode, June 24, 1880.
f, *g*. Deposited, Dec. 25, 1880.
h, *i*. Deposited, Sept. 26, 1881.

493. *Cacatua galerita* (Lath.). Greater Sulphur-crested Cockatoo.

Hab. Australia.

a–*z*. See former editions.
a^1. Deposited, Dec. 21, 1876.
b^1. Presented by Mr. E. Purchase, Feb. 17, 1877.
c^1. Presented by Mrs. Dore, May 7, 1877.
d^1. Deposited, June 16, 1877.
e^1. Presented by W. L. Marchant, Esq., June 20, 1877.
f^1. Presented by G. S. S. Williams, Esq., Sept. 24, 1877.
g^1. Presented by F. Lablache, Esq., Nov. 14, 1877.
h^1. Presented by Mrs. Cohen, Dec. 22, 1877.
i^1. Presented by N. Portocalis, Esq., June 6, 1878.
j^1. Presented by Mrs. A. Hole, July 29, 1878.
k^1. Deposited, April 3, 1879.
l^1. Presented by J. W. Taylor, Esq., June 18, 1879.
m^1. Presented by F. Phillips, Esq., March 4, 1880.
n^1. Presented by Mrs. M. A. Brown, June 15, 1880.
o^1. Deposited, July 5, 1881.
p^1. Deposited, March 4, 1881.
q^1. Deposited, Aug. 29, 1881.
r^1. Deposited, Aug. 30, 1881.
s^1. Deposited, Dec. 24, 1881.
t^1. Presented by S. Sydney, Esq., March 2, 1882.
u^1. Deposited, July 24, 1882.
v^1. Deposited, Aug. 24, 1882.
w^1, *x*^{1}. Presented by C. Kerry Nicholls, Esq., F.Z.S., Oct. 7, 1882.

494. *Cacatua triton*, Temm. Triton Cockatoo.

Hab. New Guinea.

a. Purchased, 1860.

495. *Cacatua sulphurea* (Gm.). Lesser Sulphur-crested Cockatoo.

Hab. Moluccas.

a. Presented by H. Wickens, Esq., April 15, 1850.
b. Presented by — Sutton, Esq., Oct. 23, 1855.
c. Deposited, 1860.
d. Deposited, March 17, 1865.
e. Deposited, April 13, 1866.
f. Presented by Miss Atkinson, March 30, 1867.
g. Deposited, Aug. 2, 1869.
h. Presented by G. Thornton, Esq., Sept. 26, 1871.
i. Received in exchange, Aug. 21, 1873.
j. Presented by T. Pearson, Esq., July 28, 1874.
k. Presented by H. W. Wood, Esq., March 17, 1875.
l. Presented by W. Holborn, Esq., March 29, 1875.
m, *n*. Presented by Mrs. Roberts, Dec. 4, 1877.
o. Presented by Miss Langley, July 18, 1879.
p. Deposited, June 9, 1881.
q. Presented by Mrs. Beard, Aug. 16, 1881.

496. *Cacatua citrino-cristata,* Fraser. Citron-crested Cockatoo.

Hab. Timor Laut.

a. Presented by Miss Julia Fox, Dec. 22, 1855.
b. Deposited, July 17, 1866.
c. Purchased, March 26, 1872.
d. Purchased, Jan. 24, 1873.

497. *Cacatua leadbeateri* (Vig.). Leadbeater's Cockatoo.

Hab. Australia.

a. Presented by Lady Eleanor Cathcart, Nov. 21, 1854.
b. Deposited, Nov. 9, 1863.
c–e. Deposited, April 8, 1863.
f, *g*. Presented by Dr. Mueller, C.M.Z.S., May 5, 1865.
h. Deposited, Oct. 31, 1865.
i. Presented by Mrs. James Napier, Nov. 23, 1865.
j. Received, April 15, 1867.
k. Presented by G. M'Leay, Esq., F.Z.S., Sept. 16, 1869.
l. Deposited, Nov. 9, 1870.
m. Presented by the Rev. H. Fyffe, May 31, 1871.
n. Presented by T. Phillips, Esq., Aug. 13, 1873.
o. Presented by Col. Carrington, March 21, 1874.
p. Deposited, April 24, 1874.
q. Deposited, Nov. 5, 1874.
r, *s*. Presented by G. L. Prendergast, Esq., April 8, 1875.
t. Presented by Mrs. Shand, July 9, 1877.

u. Presented by Mrs. H. M. Richardson, July 17, 1877.
v. Presented by the Rev. S. J. Whitmee, C.M.Z.S., Aug. 28, 1877.
w. Presented by W. Ruston, Esq., April 16, 1878.
x. Presented by Mrs. Tennent, May 6, 1878.
y. Presented by J. Veale, Esq., March 2, 1880.
z. Presented by Mrs. Martin Smith, June 22, 1881.
a^1, b^1. Presented by C. J. Harvey, Esq., Dec. 13, 1882.

498. *Cacatua philippinarum* (Gm.). Red-vented Cockatoo.

Hab. Philippine Islands.

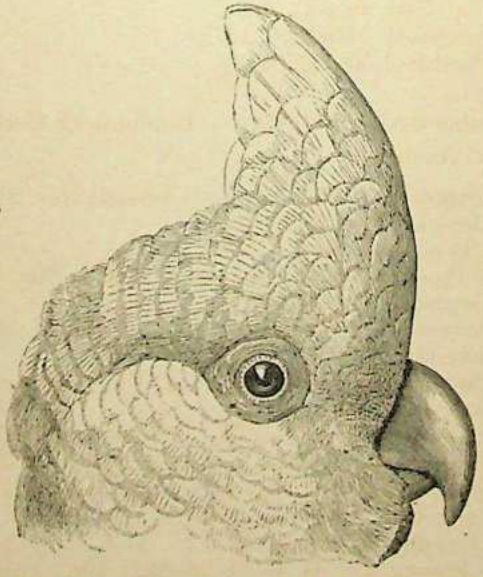
a–c. Purchased, June 8, 1865.
d. Purchased, Nov. 23, 1865.
e. Purchased, June 18, 1872. From Negros, Philippines.
f. Purchased, Feb. 9, 1877.

499. *Cacatua sanguinea*, Gould. Blood-stained Cockatoo. (Fig. 42.)

Hab. North Australia.

a. Purchased, Nov. 23, 1865. See P. Z. S. 1871, p. 492.

Fig. 42.



Head of *Cacatua sanguinea*. (P. Z. S. 1871, p. 492.)

500. *Cacatua ducorpsi*, Hombr. et Jacq. Ducorps's Cockatoo. (Fig. 43.)

Hab. Solomon Islands.

a, *b*. Purchased, April 11, 1864. Specimens described and figured, P. Z. S. 1864, p. 187. From Guadalcanar. See also P. Z. S. 1871, p. 491.
c. Presented by C. Turner, Esq., June 28, 1871.

Fig. 43.

Head of *Cacatua ducorpsi*. (P. Z. S. 1871, p. 491.)

501. *Cacatua goffini*, Finsch. Goffin's Cockatoo.

Hab. Uncertain.

a. Purchased, July 31, 1862.
b. Presented by C. Turner, Esq., June 28, 1871.
c. Presented by F. J. Dean, Esq., F.L.S., Oct. 17, 1874. See P. Z. S. 1875, p. 61, pl. x.
d. Presented by Mrs. Barton, Sept. 16, 1875.
e. Deposited, Sept. 17, 1877.
f. Presented by Mrs. Pitt, May 9, 1878.
g. Deposited, Sept. 4, 1878.
h. Deposited, May 8, 1880.

i. Presented by W. F. Green, Esq., May 13, 1880.
j. Presented by Miss Bartlett, July 16, 1880.
k. Deposited, Sept. 8, 1881.
l. Deposited, Aug. 4, 1882.

502. *Cacatua gymnopis*, Sclater. Bare-eyed Cockatoo. (Fig. 44.)

Hab. South Australia.

a. Purchased, June 2, 1868. See P. Z. S. 1871, p. 493.
b. Purchased, Feb. 15, 1872.

Fig. 44.

Head of *Cacatua gymnopis*. (P. Z. S. 1871, p. 493.)

503. *Cacatua roseicapilla*, Vieill. Roseate Cockatoo.

Hab. Australia.

a. Presented by Lady Rolle, F.Z.S., May 2, 1843.
b. Deposited, Aug. 19, 1859.
c. Deposited, July 12, 1861.
d. Deposited, June 7, 1865.
e. Deposited, March 10, 1866.
f. Presented by G. M'Leay, Esq., F.Z.S., Sept. 16, 1869.
g. Presented by W. Stuttle, Esq., Sept. 8, 1870.
h. Presented by H. J. Aveling, Esq., Nov. 17, 1874.

i. Presented by A. Thompson, Esq., July 10, 1875.
j. Deposited, Jan. 17, 1876.
k. Presented by Dr. Bree, Jan. 19, 1876.
l. Presented by the Misses Campbell, July 5, 1876.
m. Presented by Miss Potter, Aug. 8, 1877.
n. Presented by Mr. Head, May 23, 1879.
o. Presented by H. Dumbell, Esq., Dec. 18, 1880.
p. Presented by Miss M. J. Richardson, Feb. 26, 1881.
q. Presented by Sir Charles C. Smith, Bart., May 5, 1881.
r. Presented by Miss Morson, Jan. 19, 1882.
s. Presented by Mrs. Ramsay, April 20, 1882.

Genus Licmetis.

504. *Licmetis tenuirostris* (Wagl.). Slender-billed Cockatoo.
Hab. South Australia.

a. Received in exchange, May 17, 1847.
b. Received in exchange, April 11, 1866.
c. Presented by Mrs. Taplin, June 1, 1870.
d. Presented by H. R. Abadie, Esq., Aug. 10, 1871.
e. Presented by Mrs. Stevens, Nov. 22, 1876.
f. Presented by Bartle G. Goldsmid, Esq., Feb. 20, 1877.
g, *h*. Presented by W. D. Massey, Esq., March 24, 1877.
i. Presented by Major M. Pasley, Aug. 20, 1877.
j. Presented by J. Wood, Esq., June 19, 1879.
k. Presented by H. F. Bussey, Esq., July 1, 1880.
l. Deposited, Nov. 16, 1882.

505. *Licmetis pastinator*, Gould. Western Slender-billed Cockatoo.
Hab. Western Australia.

a. Presented by Edgar Ray, Esq., Sept. 22, 1858.
b. Presented by Mrs. Lesser, May 16, 1871.
c. Presented by Madame R. A. Caplin, Dec. 4, 1871.
d. Presented by W. J. Irving, Esq., Nov. 19, 1875.
e. Received in exchange, Sept. 29, 1876.

Genus Callocephalon.

506. *Callocephalon galeatum* (Lath.). Ganga Cockatoo.
Hab. New South Wales.

a. Male. Purchased, Aug. 5, 1859.
b. Female. Purchased, May 14, 1864.
c. Purchased, March 21, 1866.
d. Male. Purchased, June 19, 1867.
e. Male. Purchased, Aug. 25, 1870.

Genus CALYPTORHYNCHUS.

507. *Calyptorhynchus banksii* (Lath.). Banksian Cockatoo.
Hab. New South Wales.

a. Purchased, April 25, 1862. See P. Z. S. 1862, p. 141.
b. Female. Purchased, May 11, 1867.
c. Female. Purchased, Feb. 24, 1870.
d. Presented by Lady Ellesmere, Feb. 1, 1878.

508. *Calyptorhynchus funereus* (Shaw). Funereal Cockatoo.
Hab. New South Wales.

a. Purchased, July 16, 1879. See P. Z. S. 1879, p. 663.

509. *Calyptorhynchus naso*, Gould. Western Black Cockatoo.
Hab. Western Australia.

a. Purchased, April 15, 1882.

Genus MICROGLOSSA.

510. *Microglossa aterrima* (Gm.). Great Black Cockatoo.
Hab. New Guinea.

a. Presented by Capt. Denham, R.N., June 20, 1861. See P. Z. S. 1861, p. 365.
b, *c*. Purchased, May 31, 1875.

Subfamily CALOPSITTINÆ.

Genus CALOPSITTA.

511. *Calopsitta novæ-hollandiæ* (Gm.). Cockateel.
Hab. Australia.

a. Presented by T. W. Nunn, Esq., March 13, 1862.
b. Male; *c*. Female. Received in exchange, April 17, 1862.
d. Male; *e*. Female. Deposited, Nov. 14, 1863.
f. Female. Deposited, Oct. 28, 1863.
g. Bred in the Gardens, Aug. 12, 1863.

h. Bred in the Gardens, Dec. 12, 1864.
i. Deposited, July 7, 1865.
j. Bred in the Gardens, Feb. 1, 1866.
k–*m*. Bred in the Gardens, Sept. 8, 1867.
n. Presented by H. E. Sharp, Esq., Feb. 6, 1868.
o. Presented by A. M. Speer, Esq., Jan. 25, 1869.
p. Male; *q*, *r*. Females. Presented by John Lacey, Esq., March 25, 1869.
s. Presented by Miss C. Boyle, July 22, 1869.
t–*v*. Presented by Dr. J. S. Tulloch, F.Z.S., Oct. 14, 1869.
w. Bred in the Gardens, Nov. 18, 1869.
x, *y*. Males; *z*, a^1. Females. Presented by A. Grote, Esq., F.Z.S., March 15, 1871.
b^1, c^1. Hatched in the Gardens, June 20, 1871.
d^1–f^1. Hatched in the Gardens, Dec. 12, 1871.
g^1. Male; h^1. Female. Deposited, Dec. 24, 1871.
i^1, j^1. Hatched in the Gardens, Dec. 18, 1872.
k^1. Presented by Griffiths Smith, Esq., Feb. 23, 1873.
l^1, m^1. Hatched in the Gardens, Sept. 23, 1873.
n^1, o^1. Presented by Miss L. C. Lyon, Sept. 24, 1873.
p^1. Presented by C. Burrows, Esq., Oct. 24, 1873.
q^1–s^1. Bred in the Gardens, Dec. 5, 1873.
t^1. Presented by Vice-Admiral Wallis Houston, Jan. 7, 1874.
u^1. Presented by Dr. Harry Wheeler, Feb. 17, 1874.
v^1–x^1. Bred in the Gardens, June 15, 1874.
y^1. Deposited, Aug. 24, 1877.
z^1. Presented by Mrs. Parker, Aug. 13, 1878.
a^2–g^2. Deposited, Sept. 25, 1878.
h^2. Presented by Miss M. S. Spooner, June 22, 1880.
i^2. Male; j^2. Female. Presented by W. C. Atkinson, Esq., April, 18, 1882.

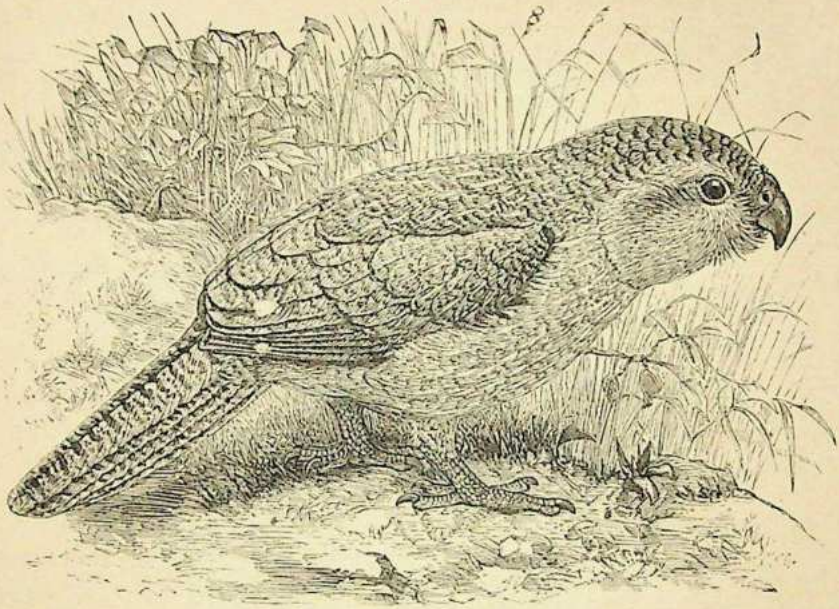
Family STRINGOPIDÆ.

Genus Stringops.

512. *Stringops habroptilus*, Gray. Night-Parrot. (Fig. 45.)
Hab. New Zealand.

a. Deposited, Sept. 20, 1870. See P. Z. S. 1870, p. 798.
b. Presented by D. L. Murdoch, Esq., Jan. 24, 1871. See P. Z. S. 1871, p. 102, and 1872, p. 185.
c–*e*. Purchased, Nov. 4, 1874. See P. Z. S. 1874, p. 665.
f. Presented by J. E. Featherston, Esq., Dec. 23, 1875. See P. Z. S. 1876, p. 1.

Fig. 45.



Stringops habroptilus.

Family PALÆORNITHIDÆ.

Subfamily LORIINÆ.

Genus LORIUS.

513. *Lorius domicella* (Linn.). Purple-capped Lory.

Hab. Moluccas.

a. Purchased, Jan. 24, 1872.
b. Presented by T. P. Medley, Esq., Aug. 19, 1875.
c–e. Purchased, Dec. 30, 1880.

514. *Lorius garrulus* (Linn.). Chattering Lory.

Hab. Moluccas.

a. Male; *b*. Female. Purchased, Jan. 1, 1864.
c. Deposited, Dec. 14, 1865.
d. Deposited, Aug. 14, 1867.
e. Purchased, May 17, 1868.
f, *g*. Purchased, Dec. 30, 1880.

515. *Lorius flavo-palliatus*, Salvad. Yellow-backed Lory.
Hab. Batchian.

a. Purchased, May 20, 1879.
b. Deposited, June 19, 1879.

516. *Lorius tibialis*, Sclater. Blue-thighed Lory.
Hab. Moluccas.

a. Purchased, May 4, 1871. Specimen described and figured, P. Z. S. 1871, p. 499, pl. XL., also p. 544.

517. *Lorius tricolor*, Steph. Three-coloured Lory.
Hab. Moluccas.

a. Presented by H. Harraden, Esq., July 10, 1882.

518. *Lorius chlorocercus* (Gould). Green-tailed Lory.
Hab. Solomon Islands.

a, *b*. Purchased, Feb. 5, 1867. Specimens figured, P. Z. S., 1867, p. 183, pl. XVI.

Genus Eos.

519. *Eos reticulata* (Müll. et Schl.). Blue-streaked Lory.
Hab. Timor Laut.

a. Purchased Jan. 14, 1862.
b. Purchased, March 3, 1874.
c, *d*. Purchased, April 28, 1880.
e, *f*. Purchased, Dec. 30, 1880.

520. *Eos tricolor* (Steph.). Blue-tailed Lory.
Hab. Moluccas.

a, *b*. Purchased, Feb. 28, 1874.

521. *Eos indica* (Gm.). Blue-breasted Lory.
Hab. Moluccas.

a, *b*. Purchased, May 4, 1871.
c. Purchased, June 18, 1872.

522. *Eos rubra* (Gm.). Red Lory.

Hab. Moluccas.

a. Purchased, March 3, 1874.
b. Purchased, May 31, 1880.
c, *d*. Purchased, Dec. 30, 1880.

523. *Eos riciniata* (Bechst.). Violet-necked Lory.

Hab. Moluccas.

a. Purchased, Sept. 26, 1873. See P. Z. S. 1862, p. 140, and 1873, p. 684.

Genus Chalcopsitta.

524. *Chalcopsitta scintillata* (Temm.). Red-fronted Lory.

Hab. New Guinea.

a. Purchased, Nov. 22, 1872. See P. Z. S. 1872, p. 862.

Genus Trichoglossus.

525. *Trichoglossus hæmatodes* (Linn.). Blue-faced Lorikeet.

Hab. Timor.

a. Received in exchange, 1863.
b. Purchased, Jan. 22, 1874.
c, *d*. Purchased, April 28, 1880.
e, *f*. Purchased, Aug. 19, 1882.

526. *Trichoglossus novæ-hollandiæ* (Gm.). Swainson's Lorikeet.

Hab. Australia.

a, *b*. Purchased, March 2, 1868.
c, *d*. Purchased, April 6, 1871.
e. Presented by Miss C. Wade, April 22, 1871.
f. Male; *g*. Female. Purchased, March 13, 1873.
h. Presented by Mrs. G. F. Angus, Feb. 2, 1876.
i, *j*. Purchased, Aug. 4, 1880.
k, *l*. Purchased, Dec. 30, 1880.

527. *Trichoglossus cyanogrammus* (Wagl.). Green-naped Lorikeet.

Hab. Moluccas.

a. Purchased, Jan. 22, 1874.

528. *Trichoglossus mitchelli*, G. R. Gray. Mitchell's Lorikeet.

Hab. Moluccas.

a. Purchased, May 4, 1871. See P. Z. S. 1871, p. 499, pl. XLI., and p. 544.

529. *Trichoglossus concinnus* (Shaw). Musky Lorikeet.

Hab. Australia.

a. Purchased, Aug. 10, 1869.
b. Purchased, Jan. 30, 1873.
c. Presented by Mr. A. H. Jamrach, June 10, 1880.

530. *Trichoglossus ornatus* (Linn.). Ornamental Lorikeet.

Hab. Moluccas.

a. Purchased, May 16, 1873.
b. Purchased, Jan. 22, 1874.
c. Purchased, May 31, 1880.
d. Purchased, Oct. 2, 1882.

531. *Trichoglossus chlorolepidotus*, Kuhl. Scaly-breasted Lorikeet.

Hab. New South Wales.

a, *b*. Presented by Miss C. Wale, April 22, 1871.
c. Purchased, April 17, 1880.

Subfamily PALÆORNITHINÆ.

Genus PALÆORNIS.

532. *Palæornis alexandri* (Scop.). Alexandrine Parrakeet.

Hab. India.

a. Female. Presented by Richard Tress, Esq., F.Z.S., Oct. 22, 1855.
b. Presented by Mrs. Roper, Nov. 3, 1862.
c. Deposited, Aug. 18, 1863.
d. Presented by Mrs. Synd, Aug. 4, 1864.
e. Deposited, May 9, 1869.
f. Purchased, Jan. 8, 1873.
g. Presented by Hugh Nevill, Esq., July 9, 1873.
h. Purchased, Nov. 7, 1873.
i. Presented by C. Williams, Esq., May 25, 1880.
j. Presented by Mr. H. Day, April 9, 1881.

533. *Palæornis torquatus* (Bodd.). Ring-necked Parrakeet.
Hab. India.

a–z. See former editions.
a^1. Presented by Mrs. Cathir, May 29, 1874.
b^1. Presented by Miss Attwood, Jan. 9, 1875.
c^1. Presented by Miss Thirlwall, Nov. 5, 1875.
d^1. Presented by Capt. Ouchterlony, Nov. 22, 1875.
e^1. Presented by Mrs. H. Kingston, Feb. 28, 1876.
f^1. Purchased, March 10, 1876.
g^1–i^1. Presented by Mrs. M. A. Moore, April 1, 1876.
j^1, k^1. Presented by Mrs. Doxat, July 27, 1876.
l^1. Presented by Mrs. Burlton Bennett, Sept. 25, 1876.
m^1. Deposited, Nov. 3, 1876. Yellow variety.
n^1. Presented by Miss Smith, Jan. 25, 1877.
o^1. Deposited, April 14, 1877.
p^1. Presented by Mrs. Russell, Aug. 11, 1877.
q^1. Deposited, Sept. 6, 1877.
r^1. Presented by F. S. Prince, Esq., May 14, 1879.
s^1. Presented by E. F. Carey, Esq., June 17, 1879.
t^1. Presented by Mrs. Watson, Aug. 22, 1879.
u^1. Presented by the Countess Dowager of Lonsdale, Nov. 8, 1881.
v^1. Presented by Mr. W. K. Stanley, July 26, 1882.

534. *Palæornis docilis* (Vieill.). Rose-ringed Parrakeet.
Hab. West Africa.

a. Presented by George Dann, Esq., Sept. 13, 1861.
b. Purchased, April 19, 1868.
c–f. Presented by Col. Ivy, June 11, 1868.
g. Presented by Mrs. Loveday, July 11, 1874.
h. Presented by Mrs. Heywood, June 18, 1876.
i–l. Purchased, July 8, 1879.

535. *Palæornis cyanocephalus* (Linn.). Blossom-headed Parrakeet.
Hab. India.

a. Deposited, April 4, 1862.
b. Purchased, April 15, 1862.
c, d. Received, Jan. 14, 1865.
e. Deposited, March 9, 1870.
f. Purchased, March 17, 1872.
g–j. Presented by Hugh Nevill, Esq., July 9, 1873. From Ceylon.
k. Presented by G. Lawson, Esq., July 31, 1874.
l, m. Purchased, July 30, 1881.
n, o. Purchased, Oct. 1, 1881.
p, q. Presented by Mrs. Francis Fox, Feb. 23, 1882.

536. *Palæornis rosa* (Bodd.). Rosy Parrakeet.
Hab. Burmah.

a. Received in exchange, March 15, 1877.

537. *Palæornis luciani*, Verr. Lucian's Parrakeet.
Hab. China.

a. Purchased, March 11, 1857.

538. *Palæornis javanicus* (Osb.). Javan Parrakeet.
Hab. Java.

a. Purchased, Oct. 20, 1859.
b. Purchased, March 20, 1862.
c. Deposited, Feb. 27, 1865.
d, *e*. Purchased, March 31, 1871.
f, *g*. Purchased, May 22, 1879.
h, *i*. Purchased, Nov. 4, 1880.
j. Purchased, Dec. 24, 1881.

539. *Palæornis fasciatus* (Müller). Banded Parrakeet.
Hab. India.

a. Female. Brought from Cashmere. Presented by Edmund Warre, Esq., April 12, 1871. *Cf.* Blyth, 'Ibis,' 1873, p. 79.
b. Purchased, Sept. 25, 1876. See P. Z. S. 1876, p. 696, under *P. schisticeps*.
c. Presented by Mrs. Barthrop, Feb. 21, 1878. From Muttra, N.W. India.
d. Male. Deposited, Dec. 23, 1880.

540. *Palæornis columboides*, Vig. Malabar Parrakeet.
Hab. South India.

a. Purchased, June 2, 1852.
b. Purchased, May 23, 1873.
c. Purchased, Sept. 6, 1875.

541. *Palæornis longicauda* (Bodd.). Malaccan Parrakeet.
Hab. Malacca.

a, *b*. Purchased, Feb. 29, 1864.
c. Purchased, May 17, 1868.
d. Male; *e*. Female. Purchased, Oct. 2, 1882.

542. *Palæornis erythrogenys* (Blyth). Red-cheeked Parrakeet.
Hab. Nicobar Islands.

a. Purchased, March 13, 1873.

Genus Psittinus.

543. *Psittinus malaccensis* (Lath.). Blue-rumped Parrakeet.
Hab. Malacca.

a. Female. Purchased, Jan. 29, 1866.
b. Purchased, June 27, 1867.
c, *d*. Purchased, Jan. 2, 1874.

Genus Eclectus.

544. *Eclectus pectoralis* (Müll.). Red-sided Eclectus.
Hab. New Guinea.

a. Female. (*E. linnæi*.) Presented by George Macleay, Esq., F.Z.S., Aug. 19, 1859.
b. Purchased, April 11, 1864.
c, *d*. Purchased, Jan. 17, 1865.
e. Deposited, Nov. 14, 1870.
f. Female. Purchased, Oct. 7, 1878.
g. Presented by A. Lubbock, Esq., July 9, 1882.
h. Purchased, Oct. 12, 1882.

545. *Eclectus roratus* (Müll.). Grand Eclectus.
Hab. Moluccas.

a, *b*. Purchased, June 8, 1865.
c. Purchased, Aug. 30, 1865.
d. Purchased, March 15, 1868.
e. Purchased, March 31, 1871.
f. Purchased, Oct. 24, 1871.
g. Purchased, Oct. 13, 1882.

546. *Eclectus westermanni*, Bp. Westerman's Eclectus.
Hab. Moluccas.

a. Living in the Gardens, 1857. Specimen figured, P. Z. S. 1857, p. 226, Aves, pl. cxxvii.
b. Purchased, Nov. 23, 1865.

Genus Polytelis.

547. *Polytelis barrabandi* (Swains.). Barraband's Parrakeet.

Hab. New South Wales.

a, *b*. Deposited, May 23, 1867.
c. Purchased, June 24, 1867.
d. Presented by George Cooke, Esq., Nov. 16, 1869.
e. Presented by W. H. Gregory, Esq., June 20, 1877.

548. *Polytelis melanura* (Vig.). Black-tailed Parrakeet.

Hab. Australia.

a, *b*. Purchased, March 15, 1864.
c, *d*. Received, Jan. 14, 1865.
e. Presented by Dr. John Cooper, June 9, 1869.
f. Deposited, Aug. 30, 1879.
g. Purchased, Dec. 30, 1879.
h, *i*. Presented by Gerald Arbuthnot, Esq., July 20, 1881.

Genus Aprosmictus.

549. *Aprosmictus erythropterus* (Lath.). Red-winged Parrakeet.

Hab. Australia.

a. Female. Presented by R. Marshall, Esq., F.Z.S., March 30, 1861.
b. Male. Purchased, June 7, 1861.
c. Deposited, July 25, 1867.
d, *e*. Deposited, March 2, 1869.
f. Male; *g*. Female. Presented by the Directors of the Botanic Gardens, Adelaide, Australia, March 6, 1871. From Port Darwin, N. Australia. (*A. coccinopterus*, Gould.)
h, *i*. Presented by the Countess of Eglinton, May 22, 1875.
j. Presented by W. H. Moseley, Esq., May 29, 1877.

550. *Aprosmictus scapulatus* (Kuhl). King Parrakeet.

Hab. New South Wales.

a. Female. Purchased, Dec. 9, 1859.
b. Male. Presented by Sir John Cathcart, Aug. 21, 1863.
c. Female. Presented by F. Hansard Rivington, Esq., Oct. 6, 1865.
d, *e*. Presented by R. M. May, Esq., Sept. 11, 1868.
f–*p*. Received in exchange, Feb. 4, 1869.
q. Presented by Mr. Sercombe, June 11, 1869.

r. Male. Presented by John Biffen, Esq., April 1, 1870.
s. Presented by Mrs. Hughes, June 4, 1870.
t. Male. Deposited, Aug. 27, 1872.
u. Male. Purchased, Aug. 6, 1873.
v. Male. Deposited, Aug. 26, 1873.
w. Presented by Mr. H. T. Sissons, Sept. 13, 1876.
x. Male; *y*. Female. Presented by Miss E. Rigley, Dec. 8, 1876.
z. Deposited, Dec. 21, 1876.
a^1. Female. Presented by Miss Jones, April 24, 1877.
b^1. Presented by Evan Carr, Esq., July 5, 1878.
c^1. Male. Presented by Geo. Wood, Esq., Sept. 10, 1879
d^1. Female. Presented by General Blake, Sept. 22, 1879

Genus TANYGNATHUS.

551. *Tanygnathus megalorhynchus* (Bodd.). Great-billed Parrakeet.

Hab. Gilolo and Ceram.

a. Purchased, April 20, 1856.
b. Purchased, Oct. 1, 1875.

552. *Tanygnathus muelleri* (Temm.). Mueller's Parrakeet.

Hab. Celebes.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857.
b. Purchased, Aug. 2, 1869.
c. Purchased, June 21, 1878.
d. Purchased, May 31, 1880.
e. Purchased, April 15, 1882.

553. *Tanygnathus albirostris*, Wallace. White-billed Parrakeet.

Hab. Celebes.

a. Purchased, March 15, 1868. See P. Z. S. 1868, p. 262.
b. Purchased, Aug. 2, 1869. See P. Z. S. 1871, p. 494.
c. Purchased, July 26, 1882.

554. *Tanygnathus luzonensis* (Linn.). Blue-crowned Parrakeet.

Hab. Philippines.

a. Purchased, April 24, 1871. See P. Z. S. 1871, p. 479.
b. Presented by Master Hugh Sutton, Dec. 14, 1875.
c. Purchased, Dec. 28, 1881.

Genus Loriculus.

555. *Loriculus asiaticus* (Latham). Ceylonese Hanging Parrakeet.

Hab. Ceylon.

a, *b*. Purchased, Nov. 22, 1872.
c–*e*. Purchased, March 31, 1881.
f, *g*. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.
h, *i*. Purchased, July 11, 1882.

556. *Loriculus galgulus* (Linn.). Blue-crowned Hanging Parrakeet.

Hab. Malacca.

a, *b*. Purchased, April 19, 1869.
c, *d*. Males; *e*. Females. Purchased, July 25, 1873.
f, *g*. Purchased, Nov. 13, 1873.
h, *i*. Purchased, Jan. 19, 1875.
j. Purchased, April 15, 1880.
k. Purchased, Dec. 18, 1880.
l. Purchased, May 30, 1882.
m. Deposited, Sept. 18, 1882.
n–*p*. Deposited, Nov. 22, 1882.

557. *Loriculus sclateri*, Wallace. Sclater's Hanging Parrakeet.

Hab. Sulla Islands.

a. Purchased, Nov. 23, 1865.

558. *Loriculus chrysonotus*, Sclater. Golden-backed Hanging Parrakeet.

Hab. Cebu, Philippines.

a, *b*. Purchased, April 24, 1871. See *P. culacissi*, P. Z. S. 1871, p. 479.
c. Hatched in the Gardens, Aug. 23, 1871.
d. Purchased, June 18, 1872. See P. Z. S. 1872, p. 790, and Ibis, 1872, p. 324, pl. xi.

Subfamily EUPHEMINÆ.

Genus EUPHEMA.

559. *Euphema pulchella* (Shaw). Turquoisine Grass-Parrakeet.

Hab. New South Wales.

a. Male; *b*. Female. Bred in the Gardens, 1860.
c. Female. Deposited, May 19, 1863.
d–f. Bred in the Gardens, 1863.
g, *h*. Deposited, March 7, 1865.
i, *j*. Bred in the Gardens, June 2, 1865.
k, *l*. Bred in the Gardens, June 27, 1865.
m, *n*. Bred in the Gardens, Aug. 29, 1865.
o–q. Bred in the Gardens, Sept. 26, 1865.
r, *s*. Bred in the Gardens, Feb. 1, 1866.
t. Bred in the Gardens, Aug. 12, 1867.
u. Female. Purchased, June 16, 1869.
v–y. Purchased, May 19, 1870.
z. Received in exchange, June 23, 1870.
a^1. Male. Purchased, June 16, 1871.
b^1. Female. Purchased, Aug. 1, 1871.
c^1. Male; d^1. Female. Purchased, June 29, 1872.
e^1. Deposited, May 1, 1873.
f^1–i^1. Purchased, Feb. 23, 1878.
j^1. Bred in the Gardens, Sept. 4, 1878.
k^1. Deposited, Sept. 25, 1878.
l^1. Female. Presented by J. Fraser, Esq., Sept. 16, 1879.
m^1. Female. Presented by A. Battescombe, Esq., Nov. 26, 1879.
n^1, o^1. Bred in the Gardens, June 4, 1880.
p^1, q^1. Bred in the Gardens, June 16, 1881.
r^1. Bred in the Gardens, July 14, 1882.

560. *Euphema elegans*, Gould. Elegant Grass-Parrakeet.

Hab. South Australia.

a. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b, *c*. Purchased, July 29, 1874.
d, *e*. Purchased, July 23, 1875.
f–h. Hybrids between a male of this species and a female *Euphema pulchella*. Bred in the Gardens, June 4, 1879.

561. *Euphema chrysostoma*, Wagl. Blue-banded Grass-Parrakeet.

Hab. Australia.

a, *b*. Purchased, Sept. 5, 1879 as *Euphema elegans*.

562. *Euphema splendida*, Gould. Splendid Grass-Parrakeet.

Hab. South Australia.

a. Male; *b*. Female. Purchased, Jan. 30, 1871. See P. Z. S. 1871, p. 102.
c. Purchased, June 21, 1872.
d. Hatched in the Gardens, July 21, 1872.

563. *Euphema chrysogastra* (Lath.). Orange-bellied Grass-Parrakeet.

Hab. South Australia.

a–d. Purchased, Feb. 11, 1873. See P. Z. S. 1873, p. 311, as *E. aurantia*.

564. *Euphema bourkii* (Mitch.). Bourke's Grass-Parrakeet.

Hab. Australia.

a. Purchased, Oct. 30, 1867. See P. Z. S. 1867, p. 318.
b–g. Purchased, April 26, 1869.

Genus Melopsittacus.

565. *Melopsittacus undulatus* (Shaw). Undulated Grass-Parrakeet.

Hab. Australia.

a–c. Deposited, 1862.
d–i. Bred in the Gardens, July 23, 1862.
j–l. Deposited, Nov. 14, 1863.
m, *n*. Deposited, Sept. 16, 1863.
o–q. Bred in the Gardens, Dec. 12, 1864.
r. Purchased, Sept. 16, 1865.
s. Presented by Miss Boyle, Dec. 14, 1865.
t–w. Males; *x–a*^{1}. Females. Purchased, April 29, 1867.
b^1*–e*^{1}. Deposited, May 23, 1867.
f^1. Purchased, April 24, 1868.
g^1*–j*^{1}. Purchased, May 26, 1868.
k^1*–q*^{1}. Bred in the Gardens, June 28, 1869.
r^1*–u*^{1}. Bred in the Gardens, Aug. 17, 1869.
v^1, *w*^{1}. Bred in the Gardens, June 29, 1870.
x^1. Bred in the Gardens, Sept. 26, 1870.
y^1*–c*^{2}. Deposited, June 11, 1871.
f^2*–h*^{2}. Presented by T. Lupton, Esq., July 22, 1871.
i^2*–m*^{2}. Bred in the Gardens, Sept. 15, 1871.
n^2. Purchased, May 17, 1877.
o^2, *p*^{2}. Presented by Mrs. Hylton Jolliffe, March 6, 1878.
q^2, *r*^{2}. Deposited, Sept. 25, 1878.

s^2. Presented by Miss Balls, May 2, 1879.
t^2, u^2. Purchased, June 10, 1879.
v^2–z^2. Deposited, Jan. 28, 1880.
a^3. Presented by H. H. Johnston, Esq., April 13, 1881.
b^3. Presented by the Countess of Ellesmere, June 22, 1881.
c^3–e^3. Bred in the Gardens, Sept. 22, 1881.
f^3–i^3. Bred in the Gardens, Dec. 22, 1881.
j^3. Deposited, June 28, 1882.
k^3–o^3. Bred in the Gardens, July 28, 1882.

Genus Pezoporus.

566. *Pezoporus formosus* (Lath.). Green Ground-Parrakeet.

Hab. Australia.

a. Purchased, May 5, 1865.

Genus Geopsittacus.

567. *Geopsittacus occidentalis*, Gould. Western Ground-Parrakeet.

Hab. Southern Australia.

a. Presented by Dr. Mueller, C.M.Z.S., Nov. 16, 1867. See P. Z. S. 1867, p. 891.
b. Purchased, March 16, 1873. See P. Z. S. 1873, p. 433.

Subfamily Agapornithinæ.

Genus Agapornis.

568. *Agapornis pullaria* (Linn.). West-African Love-bird.

Hab. West Africa.

a. Male; *b*. Female. Purchased, April 17, 1863.
c. Presented by Miss Armistead, March 5, 1867.
d, *e*. Males; *f*, *g*. Females. Purchased, April 1, 1870.
h, *i*. Purchased, Jan. 18, 1872.
j. Presented by Mrs. L. Granville, Oct. 6, 1872.
k, *l*. Males; *m*, *n*. Females. Purchased, March 6, 1874.
o. Male; *p*. Female. Purchased, Dec. 15, 1875.
q. Presented by J. W. Gillespie, Esq., April 2, 1880.
r. Male: *s*. Female. Presented by C. Williams, Esq., May 25, 1880.
t. Male; *u*. Female. Purchased, Dec. 13, 1880.

569. *Agapornis roseicollis* (Vieill.). Rosy-faced Love-bird.

Hab. South Africa.

a. Purchased, July 10, 1862.
b, *c*. Purchased, May 22, 1866.
d, *e*. Received in exchange, April 17, 1872.

570. *Agapornis cana* (Gm.). Grey-headed Love-bird.

Hab. Madagascar.

a. Male; *b*. Female. Purchased, March 17, 1860.
c, *d*. Purchased, March 21, 1868.
e, *f*. Deposited, May 20, 1870.
g, *h*. Purchased, March 3, 1874.
i, *j*. Purchased, April 21, 1874.
k, *l*. Purchased, Feb. 27, 1880.
m. Male; *n*. Female. Purchased, Feb. 13, 1882.
o. Male; *p*. Female. Purchased, Feb. 16, 1882.
q, *r*. Females. Purchased, April 21, 1882.
s. Received in exchange, May 6, 1882.

Family PSITTACIDÆ.

Subfamily PLATYCERCINÆ.

Genus PLATYCERCUS.

571. *Platycercus pennanti* (Lath.). Pennant's Broadtail.

Hab. New South Wales.

a, *b*. Presented by Mrs. Wheeler, Aug. 20, 1861.
c. Received in exchange, July 29, 1865.
d. Presented by Dr. Mueller, C.M.Z.S., June 14, 1867.
e. Deposited, July 28, 1869.
f. Deposited, May 23, 1871.
g. Presented by H. G. Smith, Esq., Feb. 6, 1873.
h. Purchased, Aug. 6, 1873.
i. Presented by Dr. Henry Wheeler, Feb. 17, 1874.
j. Presented by E. Sargent, Esq., Feb. 16, 1877.
k. Presented by H. Attwater, Esq., Oct. 25, 1877.

572. *Platycercus adelaidæ*, Gould. Adelaide Broadtail.

Hab. South Australia.

a. Deposited, Nov. 14, 1863.
b. Purchased, Aug. 23, 1879.

573. *Platycercus flaveolus* (Gould). Yellow-rumped Broadtail.
Hab. Queensland.

a; *b*. Purchased, May 27, 1867. See P. Z. S. 1867, p. 687.

574. *Platycercus icterotis* (Temm.). Stanley Broadtail.
Hab. West Australia.

a. Received in exchange, Nov. 15, 1864.
b, *c*. Purchased, July 20, 1865.
d. Purchased, April 26, 1878.
e. Purchased, April 15, 1880.

575. *Platycercus eximius* (Shaw). Rose-Hill Broadtail.
Hab. New South Wales.

a. Presented by G. H. Parkinson, Esq., Nov. 23, 1861.
b–g. Deposited, July 20, 1866.
h. Presented by Mrs. Satterthwaite, May 21, 1868.
i. Presented by F. Haine, Esq., June 8, 1868.
j, *k*. Purchased, March 11, 1871.
l. Presented by Hume Nicholl, Esq., Aug. 8, 1872.
m–o. Presented by H. G. Smith, Esq., Feb. 6, 1873.
p. Presented by Griffiths Smith, Esq., Feb. 23, 1873.
q. Presented by Mrs. Hewitt, March 6, 1873.
r, *s*. Deposited, May 19, 1873.
t. Presented by F. J. Dean, Esq., Oct. 17, 1874.
u. Presented by J. Smith, Esq., Jan. 21, 1876.
v. Presented by J. J. Chapman, Esq., March 5, 1877.
w. Presented by A. Stirling, Esq., Aug. 30, 1879.
x. Presented by Charles Porter, Esq., Sept. 27, 1880.
y. Presented by G. Lawson, Esq., F.Z.S., Dec. 29, 1882.

576. *Platycercus pallidiceps*, Vig. Pale-headed Broadtail.
Hab. North-east Australia.

a, *b*. Presented by Sir John Cathcart, Aug. 21, 1863.
c, *d*. Received in exchange, March 9, 1872.
e, *f*. Purchased, Feb. 23, 1878.

577. *Platycercus pileatus*, Vig. Pileated Broadtail.
Hab. Australia.

a. Purchased, May 27, 1854.
b, *c*. Purchased, July 20, 1865.
d. Purchased, Aug. 20, 1872.
e. Purchased, Dec. 17, 1873.
f, *g*. Purchased, Jan. 25, 1881.

578. *Platycercus flaviventris* (Temm.). Yellow-bellied Broadtail.

Hab. Tasmania.

a. Purchased, May 8, 1860.
b. Purchased, Jan. 5, 1875.
c, *d*. Purchased, July 17, 1879.

579. *Platycercus barnardi* (Lath.). Barnard's Broadtail.

Hab. South Australia.

a. Purchased, April 25, 1853.
b, *c*. Deposited, Nov. 14, 1863.
d. Purchased, April 7, 1871.
e. Deposited, May 29, 1876.

580. *Platycercus semitorquatus* (Quoy et Gaim.). Yellow-collared Broadtail.

Hab. West Australia.

a. Presented by F. J. Rooper, Esq., F.Z.S., July 8, 1862.
b. Presented by Mrs. Harborow, May 10, 1875.

581. *Platycercus zonarius* (Shaw). Bauer's Broadtail.

Hab. South Australia.

a. Presented by Sir John Cathcart, Aug. 21, 1863.
b. Presented by Mrs. Harborow, May 10, 1875.
c. Received in exchange, Aug. 13, 1880.
d. Presented by S. Draper, Esq., Feb. 17, 1882.
e. Presented by Miss Eva Maitland, April 26, 1882.
f. Presented by J. Charlton Paer, Esq., F.Z.S., April 29, 1882.

Genus Nymphicus.

582. *Nymphicus cornutus* (Gm.) Horned Parrakeet.

Hab. New Caledonia.

a, *b*. Purchased, May 8, 1879. See P. Z. S. 1879, p. 550, pl. XLIV.
c. Female. Received in exchange, Sept. 14, 1882.

583. *Nymphicus uvæensis*, Layard. Uvæan Parrakeet.

Hab. Island of Uvea, Loyalty Group.

a b. Purchased, April 27, 1882.
c, *d*. Presented by E. L. Layard, Esq., June 28, 1882. See P. Z. S. 1882, p. 408, pl. XXVI.

Genus Cyanorhamphus.

584. *Cyanorhamphus novæ-zealandiæ* (Gm.). New-Zealand Parrakeet.

Hab. New Zealand.

a. Purchased, April 7, 1864.
b–d. Purchased, Sept. 23, 1872.
e, *f*. Purchased, March 31, 1879.
g–j. Purchased, Aug. 21, 1882.

585. *Cyanorhamphus saissetí*, V. Saisset's Parrakeet.

Hab. New Caledonia.

a. Presented by E. L. Layard, Esq., F.Z.S., June 28, 1882. See P. Z. S. 1882, p. 630, pl. XLVI.

586. *Cyanorhamphus alpinus* (Buller). Alpine Parrakeet.

Hab. New Zealand.

a, *b*. Purchased, Sept. 23, 1872. See P. Z. S. 1872, p. 795.
c, *d*. Purchased, Aug. 21, 1882.

587. *Cyanorhamphus auriceps* (Kuhl). Golden-headed Parrakeet.

Hab. New Zealand.

a. Purchased, Nov. 24, 1865.
b–d. Purchased, Sept. 23, 1872.
e, *f*. Purchased, Aug. 21, 1882.

Genus Psephotus.

588. *Psephotus hæmatogaster*, Gould. Blue-bonnet Parrakeet.

Hab. Australia.

a. Purchased, April 25, 1862.
b. Male; *c*. Female. Purchased, April 29, 1869.
d. Received in exchange, March 24, 1870.
e–g. Purchased, May 30, 1873.
h. Purchased, March 10, 1878.
i. Purchased, April 25, 1878.

589. *Psephotus hæmatonotus*, Gould. Blood-rumped Parrakeet.
Hab. Australia.

a. Male; *b*. Female. Purchased, March 9, 1861.
c. Male. Purchased, May 29, 1862.
d. Female. Bred in the Gardens, 1863.
e. Female. Purchased, June 16, 1874.
f, *g*. Purchased, June 26, 1880.

590. *Psephotus multicolor* (Brown). Many-coloured Parrakeet.
Hab. Australia.

a. Male; *b*. Female. Purchased, April 25, 1862.
c, *d*. Males; *e*, *f*. Females. Purchased, April 30, 1867.
g. Deposited, June 15, 1867.
h, *i*. Purchased, April 16, 1870.
j. Deposited, July 20, 1875.
k. Received in exchange, Sept. 16, 1875.

591. *Psephotus pulcherrimus*, Gould. Beautiful Parrakeet.
Hab. Australia.

a. Male; *b*. Female. Purchased, March 28, 1866. See P. Z. S. 1866, p. 201.
c, *d*. Purchased, May 11, 1867.
e. Male; *f*. Female. Purchased, May 5, 1871.
g. Received in exchange, Jan. 31, 1873.
h. Male; *i*. Female. Deposited, Sept. 25, 1877.
j, *k*. Deposited, Aug. 15, 1878.
l, *m*. Purchased, June 24, 1879.
n, *o*. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.

Genus Lathamus.

592. *Lathamus discolor* (Shaw). Swift Parrakeet.
Hab. Tasmania.

a, *b*. Purchased, May 17, 1863.
c–*f*. Purchased, June 27, 1871.
g, *h*. Purchased, June 9, 1880.

Genus Pyrrhulopsis.

593. *Pyrrhulopsis tabuensis* (Lath.). Tabuan Parrakeet.
Hab. Fiji Islands.

a. Purchased, July 7, 1873. See P. Z. S. 1873, p. 683.
b. Purchased, Sept. 26, 1878.
c. Deposited, March 17, 1879.

594. *Pyrrhulopsis splendens* (Peale). Shining Parrakeet.
Hab. Fiji Islands.

a. Purchased, June 27, 1864. See P. Z. S. 1864, p. 375.
b. Presented by Charles Moore, Esq., April 19, 1866. See P. Z. S. 1866, p. 203.
c. Purchased, April 6, 1868.
d. Purchased, July 19, 1876.
e. Purchased, Sept. 26, 1878.

595. *Pyrrhulopsis personata* (Gray). Masked Parrakeet.
Hab. Fiji Islands.

a. Purchased, April 25, 1862. See P. Z. S. 1862, p. 141.
b, *c*. Purchased, March 21, 1868.
d. Purchased, April 26, 1870.
e. Purchased, April 10, 1879.

Subfamily PSITTACULINÆ.

Genus PSITTACULA.

596. *Psittacula passerina* (Linn.). Passerine Parrot.
Hab. South America.

a. Presented by — Davis, Esq., May 24, 1858.
b, *c*. Presented by Miss Bruce, Nov. 3, 1868.
d. Male; *e*. Female. Purchased, Aug. 10, 1869.
f–*i*. Deposited, Jan. 26, 1873.
j–*m*. Deposited, Sept. 6, 1881.

Subfamily PSITTACINÆ.

Genus CORACOPSIS.

597. *Coracopsis vasa* (Linn.). Greater Vasa Parrot.
Hab. Madagascar.

a. Presented by the late Charles Telfair, Esq., C.M.Z.S., July 25, 1830.
b. Presented by Mrs. Moon, May 11, 1866.
c. Presented by Major-Gen. Hill, Sept. 4, 1882.

598. *Coracopsis nigra* (Linn.). Lesser Vasa Parrot.
Hab. Madagascar.

a. Purchased, Jan. 17, 1857.
b. Purchased, Jan. 24, 1872.
c, *d*. Purchased, Nov. 15, 1872.

599. *Coracopsis barklyi*, Newton. Praslin Parrot.
Hab. Praslin Island, Seychelles.

a. Presented by Swinbourne Ward, Esq., Civil Commissioner of Seychelles, April 8, 1867. See P. Z. S. 1867, p. 473.
b. Received in exchange, Dec. 13, 1870. See P. Z. S. 1871, p. 36.
c. Presented by the Hon. Sir A. Gordon, C.M.Z.S., Sept. 21, 1874. See P. Z. S. 1874, p. 496.
d, *e*. Deposited, Sept. 21, 1874.

Genus Psittacus.

600. *Psittacus erithacus*, Linn. Grey Parrot.
Hab. West Africa.

a. Purchased, 1854.
b. Deposited, Sept. 15, 1862.
c. Received, March 4, 1865.
d, *e*. Deposited, Aug. 16, 1865.
f. Deposited, Oct. 31, 1865.
g. Deposited, May 10, 1866.
h. Deposited, June 15, 1867.
i. Deposited, Jan. 8, 1868.
j. Purchased, Feb. 6, 1869.
k. Deposited, April 14, 1869.
l. Deposited, April 22, 1869.
m. Presented by Mrs. Ford North, May 13, 1869.
n. Presented by Miss Paget, Oct. 9, 1869.
o. Presented by G. A. Wilde, Esq., Dec. 11, 1869.
p. Received in exchange, Nov. 10, 1870.
q. Deposited, Aug. 5, 1871.
r. Presented by G. Simmonds, Esq., June 29, 1872.
s. Purchased, July 1, 1876.
t. Deposited, Aug. 28, 1878.
u. Deposited, Aug. 20, 1881.
v. Deposited, Sept. 6, 1881.

601. *Psittacus timneh*, Fraser. Timneh Parrot.
Hab. Sierra Leone.

a. Purchased, Feb. 19, 1861. See P. Z. S. 1871, p. 494.
b, *c*. Purchased, Nov. 1, 1872.

Genus Pœocephalus.

602. *Pœocephalus fuscicollis* (Kuhl). Brown-necked Parrot.

Hab. West Africa.

a, *b*. Purchased, July 13, 1869.
c. Presented by H. Wood, Esq., Sept. 17, 1880.
d. Purchased, Nov. 3, 1880.

603. *Pœocephalus robustus* (Gm.). Levaillant's Parrot.

Hab. South Africa.

a. Presented by Mrs. Jesse, June 14, 1853.
b. Deposited, June 26, 1866.
c. Purchased, March 2, 1868.
d. Purchased, June 2, 1880.

604. *Pœocephalus gulielmi* (Jard.). Jardine's Parrot.

Hab. West Africa.

a. Deposited, Sept. 15, 1862.
b, *c*. Presented by J. H. Ivory, Esq., Dec. 12, 1876
d. Presented by Capt. H. Hope Keighley, 2nd W.I. Regt., April 4, 1882.

605. *Pœocephalus senegalus* (Linn.). Senegal Parrot.

Hab. West Africa.

a. Presented by Mrs. Clark, Oct. 11, 1853.
b, *c*. Purchased, Aug. 29, 1862.
d. Presented by Miss M. D. Du Carn, April 8, 1865.
e. Purchased, Sept. 13, 1865.
f, *g*. Presented by Capt. Maule, Feb. 15, 1867.
h, *i*. Females. Purchased, April 24, 1870.
j, *k*. Purchased, June 1, 1871.

606. *Pœocephalus fuscicapillus*. Brown-headed Parrot.

Hab. Zanzibar.

a, *b*. Presented by Dr. John Kirk, C.M.Z.S., May 7, 1870.

607. *Pœocephalus meyeri* (Rüpp.). Meyer's Parrot.

Hab. East Africa.

a. Purchased, Jan. 18, 1855.
b. Deposited, Jan. 16, 1873.
c. Purchased, June 15, 1877.

BOTANICAL GARDENS 1875. CALCUTTA

608. *Pœocephalus rueppelli*, Gray. Rüppell's Parrot.
Hab. East Africa.

a, *b*. Males; *c*, *d*. Females. Purchased, April 15, 1882. See P. Z. S. 1882, p. 577, pl. XLII.

Subfamily NESTORINÆ.

Genus NESTOR.

609. *Nestor hypopolius* (Forst.). Ka-Ka.
Hab. New Zealand.

a. Purchased, April 15, 1863.
b, *c*. Presented by the Acclimatization Society of Canterbury, New Zealand, April 25, 1867. See P. Z. S. 1867, p. 473.

610. *Nestor notabilis*, Gould. Mountain Ka-Ka.
Hab. New Zealand.

a. Presented by the Acclimatization Society of Canterbury, N. Z., Aug. 31, 1872. See P. Z. S. 1872, p. 795.
b. Presented by Dr. A. de Lautour, M.R.C.S., April 14, 1881.
c. Deposited, Jan. 31, 1882

Subfamily ARINÆ.

Genus ARA.

611. *Ara hyacinthina* (Lath.). Hyacinthine Macaw.
Hab. Northern Brazil.

a. Purchased, Aug. 20, 1867.
b. Purchased, May 18, 1870.
c. Presented by Hugh Williams, Esq., June 16, 1876.

612. *Ara leari* (Bp.). Lear's Macaw.
Hab. South America.

a. Purchased, June 1860. See P. Z. S. 1879, p. 551.

613. *Ara spixi*, Wagler. Spix's Macaw.
Hab. Northern Brazil.

a. Purchased Nov. 15, 1878. See P. Z. S. 1878, p. 976, pl. LXI

614. *Ara militaris* (Linn.). Military Macaw.

Hab. South America.

a. Purchased, Jan. 24, 1864.
b. Purchased, July 5, 1866.
c. Purchased, Aug. 23, 1866. Specimen referred to, P. Z. S. 1867, p. 183, as *Ara ambigua* (Bechst.).
d. Purchased, July 23, 1877.
e. Purchased, June 27, 1881.

615. *Ara macao* (Linn.). Red-and-Blue Macaw.

Hab. Central America.

a. Deposited, Nov. 7, 1859.
b. Deposited, July 12, 1866.
c, *d*. Deposited, June 8, 1868.
e. Presented by J. P. Wilson, Esq., F.Z.S., Nov. 11, 1869.
f. Presented by Mrs. Coffin, April 14, 1870.
g. Presented by J. Wright, Esq., Sept. 29, 1870. From Northern Venezuela.
h. Deposited, Aug. 1, 1872.
i. Presented by A. W. Deichmann, Esq., Aug. 6, 1872.
j. Presented by C. F. Filliter, Esq., June 1, 1875.
k. Deposited, June 22, 1877.
l. Deposited, July 24, 1878.
m. Deposited, Aug. 6, 1878.
n. Presented by Chas. Fricke, Esq., July 23, 1879.
o. Presented by R. S. Fraser, Esq., Sept. 11, 1879.
p. Presented by Mrs. Supple, Aug. 24, 1881.

616. *Ara chloroptera*, Gray. Red-and-Yellow Macaw.

Hab. South America.

a. Deposited, May 24, 1861.
b, *c*. Presented by the Prince de Joinville, Oct. 13, 1863.
d. Presented by J. Aird, Esq., Jan. 14, 1865.
e. Presented by Charles Butler, Esq., Jan. 18, 1865.
f. Deposited, Jan. 18, 1865.
g, *h*. Deposited, July 25, 1867.
i, *j*. Presented by J. Morris, Esq., Nov. 18, 1868.
k. Deposited, March 9, 1869.
l. Presented by the Earl Nelson, April 8, 1869.
m. Presented by Mrs. Bancroft, April 28, 1869.
n. Deposited, May 13, 1869.
o. Deposited, July 25, 1870.
p, *q*. Purchased, Jan. 28, 1872. From Cartagena.
r. Deposited, Feb. 1, 1872.

s. Presented by J. M'Candlish, Esq., Sept. 20, 1872.
t. Purchased, April 29, 1873.
u. Deposited, April 14, 1875.
v. Purchased, July 24, 1875.
w, *x*. Presented by the Misses Rix, Sept. 30, 1875.
y. Deposited, Jan. 31, 1876.
z. Purchased, June 24, 1876.
a^1. Deposited, Sept. 20, 1876.
b^1. Purchased, May 20, 1877.
c^1. Presented by Capt. King, Jan. 3, 1878.
d^1. Deposited, Feb. 26, 1878.
e^1. Presented by Mrs. Kelly, April 1, 1879.
f^1. Presented by Miss C. Cattlin, June 5, 1879.
g^1. Purchased, June 12, 1879.
h^1. Deposited, July 18, 1879.
i^1, j^1. Presented by Chas. Fricke, Esq., July 23, 1879.
k^1. Presented by R. S. Fraser, Esq. Sept. 11, 1879.

617. *Ara ararauna* (Linn.). Blue-and-Yellow Macaw.

Hab. South America.

a. Purchased, Aug. 24, 1859.
b. Presented by Mrs. Heathcote, July 4, 1862.
c. Presented by R. W. Keate, Esq., F.Z.S., Aug. 9, 1862.
d. Deposited, Sept. 4, 1866.
e, *f*. Deposited, July 25, 1867.
g. Presented by Samuel Linder, Esq., Aug. 27, 1869.
h. Presented by C. Butler, Esq., F.Z.S., July 26, 1871.
i. Deposited, July 26, 1871.
j. Purchased, Aug. 28, 1871. From Central America.
k. Presented by J. Wright, Esq., Oct. 27, 1871. From Venezuela.
l. Presented by Quintin Hogg, Esq., July 16, 1872.
m. Presented by Mrs. Higson, Jan. 24, 1873.
n. Deposited, Aug. 13, 1873.
o. Presented by Miss J. Staines, March 9, 1874.
p. Purchased, Oct. 15, 1874.
q. Purchased, April 9, 1875.
r. Purchased, Nov. 5, 1875.
s. Deposited, July 24, 1878.
t. Deposited, Nov. 7, 1878.
u. Presented by F. G. J. Lillington, Esq., R.N., Jan. 24, 1879.
v. Presented by Chas. Fricke, Esq., July 23, 1879.
w. Deposited, Sept. 11, 1879.
x. Deposited, Sept. 24, 1880.
y. Deposited, May 12, 1881.
z. Presented by Mrs. Attenborough, Sept. 28, 1882.

618. *Ara maracana* (Vieill.). Illiger's Macaw.
Hab. Brazil.

a. Purchased, June 7, 1861.
b, *c*. Purchased, Dec. 13, 1871.
d, *e*. Purchased, Oct. 2, 1882.

619. *Ara nobilis* (Linn.). Noble Macaw.
Hab. Brazil.

a. Purchased, May 31, 1880.

620. *Ara hahni*, Souancé. Hahn's Macaw.
Hab. Guiana.

a, *b*. Purchased, Jan. 9, 1872.

Genus Henicognathus.

621. *Henicognathus leptorhynchus* (King). Slight-billed Parrakeet.
Hab. Chili.

a. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.

Genus Conurus.

622. *Conurus patagonus* (Vieill.). Smaller Patagonian Conure.
Hab. La Plata.

a. Purchased, Oct. 19, 1868.
b, *c*. Purchased, Oct. 5, 1873.
d. Presented by Mrs. Cabry, April 29, 1875.

623. *Conurus byroni* (J. E. Gray). Larger Patagonian Conure.
Hab. Chili.

a, *b*. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.
c, *d*. Received in exchange, Oct. 13, 1873. See P. Z. S. 1873, p. 761.

624. *Conurus pavua* (Bodd.). Green Conure.
Hab. Trinidad.

a, *b*. Presented by A. Warrington, Esq., Nov. 4, 1871.

625. *Conurus acuticaudatus* (Vieill.). Sharp-tailed Conure.
Hab. Paraguay.

a. Purchased, July 13, 1868.

626. *Conurus hæmorrhous*, Spix. Blue-crowned Conure.
Hab. Brazil.

a. Purchased, April 12, 1864.
b. Deposited, May 31, 1867.
c. Presented by Mrs. Wright, April 9, 1869.
d, *e*. Purchased, Oct. 30, 1873.
f. Purchased, Sept. 6, 1875.

627. *Conurus wagleri*, Gray. Wagler's Conure.
Hab. Venezuela.

a. Purchased, July 7, 1873.

628. *Conurus erythrogenys* (Less.). Red-masked Conure.
Hab. Ecuador.

a. Purchased, 1854.

629. *Conurus holochlorus*, Sclater. Mexican Conure.
Hab. Mexico.

a, *b*. Purchased, Nov. 11, 1862.

630. *Conurus carolinensis* (Linn.). Carolina Conure.
Hab. North America.

a. Purchased, Aug. 23, 1860.
b, *c*. Purchased, June 24, 1867.
d. Presented by F. G. Streatfield, Esq., Feb. 3, 1869.
e. Presented by L. Delves Broughton, Esq., Jan. 11, 1877.

631. *Conurus nanday* (Desm.). Black-headed Conure.
Hab. Paraguay.

a Purchased, May 7, 1870. See P. Z. S. 1870, p. 383.
b. Purchased, Dec. 18, 1875.
c, *d*. Purchased, May 31, 1880.
e. Presented by J. Lloyd, Esq., Nov. 30, 1881.

632. *Conurus solstitialis* (Linn.). Yellow Conure.

Hab. Guiana.

a. Purchased, April 25, 1862.
b. Deposited, May 25, 1873.

633. *Conurus auricapillus* (Licht.). Golden-headed Conure.

Hab. South America.

a, *b*. Purchased, May 22, 1879.

634. *Conurus jendaya* (Gm.). Yellow-headed Conure.

Hab. South-east Brazil.

a–*d*. Purchased, Jan. 19, 1869.
e. Purchased, April 30, 1870.
f. Presented by Mr. J. L. Symon, Aug. 1, 1872.
g. Purchased, March 28, 1874.
h. Presented by C. A. Craven, Esq., Oct. 16, 1880. From Pernambuco.

635. *Conurus luteus* (Spix). Golden Conure.

Hab. Guiana.

a. Purchased, April 26, 1871.
b. Received in exchange, Jan. 7, 1880.

636. *Conurus aureus* (Gm.). Golden-crowned Conure.

Hab. South-east Brazil.

a, *b*. Presented by Miss Langford, Dec. 22, 1862.
c, *d*. Presented by Carl A. Schroder, Esq., July 29, 1865. From Para.
e, *f*. Presented by Miss Vawser, Nov. 9, 1865.
g. Purchased, June 1, 1875.
h. Deposited, Sept. 10, 1875.
i. Presented by Col. M^{c}Arthur, R.M.L.I., Oct. 12, 1875.

637. *Conurus petzi* (Wagl.). Petz's Conure.

Hab. Mexico.

a, *b*. Purchased, June 15, 1869.
c, *d*. Received in exchange, Feb. 15, 1870.
e, *f*. Presented by Miss Hornby, Feb. 23, 1875.

638. *Conurus æruginosus* (Linn.). Brown-throated Conure.
Hab. South America.

a, *b*. Presented by Mrs. C. Vinall, Sept. 21, 1866.
c. Deposited, March 25, 1875.
d–*h*. Purchased, Oct. 16, 1880. From Garanhuns.

639. *Conurus xantholæmus*, Sclater. St. Thomas's Conure.
Hab. St. Thomas, West Indies.

a, *b*. Purchased, Sept. 12, 1865.
c, *d*. Purchased, Dec. 13, 1871.
e–*h*. Purchased, Sept. 29, 1876.

640. *Conurus chrysogenys*, Mass. & Souancé. Yellow-cheeked Conure.
Hab. Venezuela.

a. Purchased, 1853.

641. *Conurus cactorum* (Max.). Cactus Conure.
Hab. Bahia.

a. Purchased, Aug. 29, 1862.

642. *Conurus aztec*, Souancé. Aztec Conure.
Hab. Mexico.

a. Purchased, May 8, 1868.
b. Purchased, May 28, 1868.
c, *d*. Purchased, Nov. 13, 1874.
e. Purchased, March 16, 1876.

643. *Conurus smaragdinus* (Gm.). Chilian Conure.
Hab. Chili.

a. Presented by T. O. Simpson, Esq., R.N., Aug. 10, 1866.
b. Purchased, May 8, 1868.

644. *Conurus vittatus* (Shaw). Red-bellied Conure.
Hab. Brazil.

a, *b*. Purchased, May 29, 1869.

645. *Conurus cyanopterus* (Bodd.). Blue-winged Conure.
Hab. Guiana.

a. Purchased, May 7, 1870.
b. Deposited, Jan. 16, 1873.

646. *Conurus leucotis* (Licht.). White-eared Conure.
Hab. Brazil.

a, *b*. Purchased, July 14, 1871.
c, *d*. Presented by the Lady Greville, May 9, 1877.
e. Purchased, Dec. 28, 1881.
f, *g*. Received in exchange, Sept. 14, 1882.

647. *Conurus cruentatus* (Max.). Red-eared Conure.
Hab. South America.

a, *b*. Purchased, Sept. 26, 1872.
c–e. Purchased, March 13, 1877.

Genus Bolborhynchus.

648. *Bolborhynchus monachus* (Bodd.). Grey-breasted Parrakeet.
Hab. Monte Video.

a. Presented by Mrs. Malcolm, Aug. 5, 1859.
b, *c*. Purchased, May 26, 1869.
d. Presented by M. A. Carr, Esq., June 16, 1871.
e, *f*. Presented by Mrs. Clinton Dawkins, Jan. 22, 1874.
g–i. Presented by C. Punchard, Esq., July 21, 1874.
j–q. Purchased, July 21, 1875.
r, *s*. Presented by Miss Thomson, June 8, 1876.
t, *u*. Presented by Miss Maiden, Oct. 8, 1876.
v. Received in exchange, March 20, 1877.
w. Presented by B. Barnett, Esq., Aug. 18, 1877.
x, *y*. Presented by A. F. Baillie, Esq., Dec. 17, 1877. From Paraguay.
z. Presented by Miss Hilhouse, March 27, 1879.
a^1, b^1. Purchased, Dec. 6, 1880.
c^1. Presented by J. Lloyd, Esq., Nov. 30, 1881.

Genus Chrysotis.

649. *Chrysotis festiva* (Linn.). Festive Amazon.
Hab. Guiana.

a. Purchased, Nov. 16, 1865.
b. Presented by the Rev. A. Hibbit, Nov. 13, 1875.

650. *Chrysotis bodini*, Finsch. Bodinus's Amazon.
Hab. Venezuela.

a. Purchased, Dec. 18, 1879. See P. Z. S. 1880, p. 23.
b. Purchased, Nov. 4, 1880.

651. *Chrysotis sallæi*, Sclater. Sallé's Amazon.
Hab. St. Domingo.

a. Presented by William Russell, Esq., F.Z.S., Sept. 15, 1862.
b. Purchased, June 23, 1875.

652. *Chrysotis vittata* (Bodd.). Red-fronted Amazon.
Hab. Porto Rico.

a. Purchased, June 9, 1869.
b. Purchased, Sept. 22, 1876.

653. *Chrysotis collaria* (Linn.). Red-throated Amazon.
Hab. Jamaica.

a. Presented by J. W. Malcolm, Esq., F.Z.S., July 3, 1869.
b. Purchased, May 29, 1873.
c. Deposited, July 16, 1873.
d. Purchased, Jan. 16, 1880.
e. Deposited, May 14, 1880.
f. Deposited, June 20, 1881.

654. *Chrysotis leucocephala* (Linn.). White-fronted Amazon.
Hab. Cuba.

a, *b*. Received in exchange, June 5, 1868.
c. Purchased, June 5, 1878.

655. *Chrysotis albifrons* (Sparrm.). White-browed Amazon.
Hab. Honduras.

a. Purchased, Jan. 27, 1873.
b. Purchased, Feb. 21, 1881.
c. Purchased, Dec. 24, 1881.

656. *Chrysotis xantholora*, G. R. Gray. Yellow-lored Amazon.
Hab. Central America.

a. Purchased, Feb. 26, 1875. See P. Z. S. 1875, p. 157, pl. XXVI.
b. Purchased, Dec. 29, 1876.
c. Purchased, Jan. 6, 1881.
d. Purchased, March 29, 1882.

657. *Chrysotis vinacea* (Max.). Vinaceous Amazon.
Hab. Brazil.

a. Purchased, Nov. 30, 1881.

658. *Chrysotis diademata*. Diademed Amazon.
Hab. South America.

a. Purchased, June 27, 1871.

659. *Chrysotis finschi*, Sclater. Finsch's Amazon.
Hab. Mexico.

a. Presented by Mrs. C. Chivers, March 9, 1874. See P. Z. S. 1874, p. 206, pl. xxxiv.
b. Purchased, Oct. 26, 1881.

660. *Chrysotis erythrura* (Kuhl). Red-tailed Amazon.
Hab. Brazil.

a. Purchased, Dec. 18, 1879. See P. Z. S. 1880, p. 23, pl. II.

661. *Chrysotis agilis* (Linn.). Active Amazon.
Hab. Jamaica.

a. Purchased, Nov. 24, 1873.
b, *c*. Presented by Arthur Munt, Esq., F.Z.S., Nov. 1, 1882.

662. *Chrysotis viridigenalis*, Cass. Green-cheeked Amazon.
Hab. Columbia.

a. Purchased, Jan. 10, 1863.
b. Purchased, June 21, 1871.
c. Purchased, April 21, 1874.
d. Purchased, Dec. 18, 1878.
e. Purchased, Oct. 26, 1881.

663. *Chrysotis autumnalis* (Linn.). Yellow-cheeked Amazon.
Hab. Honduras.

a. Purchased, July 3, 1869.
b. Purchased, March 2, 1878.
c. Presented by Capt. Henniker, F.Z.S., Dec. 7, 1880.
d. Deposited, Nov. 9, 1881.

664. *Chrysotis dufresniana* (Kuhl). Dufresne's Amazon.
Hab. South-east Brazil.

a. Purchased, Jan. 10, 1863.
b. Purchased, June 9, 1875.
c. Presented by Mrs. T. Smith, Jan. 16, 1879.
d, *e*. Purchased, Oct. 20, 1879.
f. Received in exchange, Dec. 18, 1879.
g. Deposited, Nov. 9, 1881.

665. *Chrysotis cœligena*. Blue-cheeked Amazon.
Hab. Guiana.

a. Purchased, Feb. 19, 1879. See P. Z. S. 1880, p. 68, pl. IX.

666. *Chrysotis augusta* (Vig.). August Amazon.
Hab. Dominica.

a. Presented by P. N. Bernard, Esq., May 12, 1865. See P. Z. S. 1865, p. 437.

667. *Chrysotis guildingi*, Vigors. Guilding's Amazon.
Hab. St. Vincent, West Indies.

a. Purchased, May 29, 1874. See P. Z. S. 1874, p. 324.
b. Purchased, Sept. 2, 1874.
c, *d*. Purchased, Sept. 15, 1877.
e. Presented by G. Dundas, Esq., April 26, 1879.
f. Purchased, March 9, 1880.
g. Purchased, May 21, 1880.

668. *Chrysotis versicolor* (Müll.)*. Blue-faced Amazon.
Hab. St. Lucia, West Indies.

a. Purchased, May 6, 1874. See P. Z. S. 1874, p. 323, and 1875, p. 61, pl. XI.
b. Deposited, March 25, 1875. From St. Lucia. See P. Z. S. 1877, p. 316.
c. Purchased, April 8, 1875. From St. Lucia.
d. Presented by Neville Holland, Esq., April 14, 1879.

---

* In former editions *Chrysotis bouqueti*. But *cf.* Sclater, P. Z. S. 1881, p. 627.

669. *Chrysotis guatemalæ*, Hartl. Guatemalan Amazon.

Hab. Central America.

a. Purchased, April 21, 1870.
b, *c*. Purchased, Dec. 18, 1878.

670. *Chrysotis farinosa* (Bodd.). Mealy Amazon.

Hab. South America.

a. Deposited, March 18, 1863.
b. Presented by J. Aveling, Esq., Aug. 8, 1863.
c. Presented by E. A. Ommaney, Esq., R.N., Jan. 28, 1868.
d, *e*. Deposited, Sept. 6, 1877.

671. *Chrysotis auripalliata* (Less.). Golden-naped Amazon.

Hab. Central America.

a. Purchased, 1844.
b. Presented by Lady Ousley, March 24, 1866.
c. Deposited, July 31, 1875.
d. Purchased, Dec. 18, 1878.
e. Presented by Mrs. H. A. Hopkins, Jan. 28, 1879.

672. *Chrysotis æstiva* (Linn.). Blue-fronted Amazon.

Hab. South America.

a. Deposited, May 13, 1864.
b. Presented by Mrs. Sotheby, July 22, 1865.
c. Purchased, June 19, 1867.
d, *e*. Deposited, July 25, 1867.
f. Received in exchange, June 10, 1868.
g. Presented by Mrs. Hairby, Feb. 20, 1872.
h. Presented by Mrs. Broadman, March 16, 1872. From Pernambuco.
i. Purchased, April 29, 1873. From Cartagena.
j. Presented by John Stanley, Esq., Aug. 12, 1873.
k. Presented by Dr. Byron Whitehead, May 10, 1878.
l. Presented by Miss E. Bentley, April 19, 1880.
m. Deposited, March 4, 1881.

673. *Chrysotis amazonica* (Linn.). Orange-winged Amazon.

Hab. South America.

a. Purchased, April 29, 1873. From Cartagena.
b. Presented by Richard Seyd, Esq., F.Z.S., Aug. 8, 1881.
c. Deposited, Nov. 9, 1881.

674. *Chrysotis ochroptera* (Gm.). Yellow-shouldered Amazon.
Hab. South America.

a, *b*. Deposited, June 30, 1869.
c. Deposited, July 15, 1871. From Trinidad.
d. Deposited, Feb. 21, 1872. From Trinidad.
e. Presented by Miss Sutherland, May 4, 1875.
f. Presented by Miss A. G. Grady, June 19, 1875.
g. Presented by H. Warren, Esq., Aug. 4, 1876.
h. Deposited, Nov. 7, 1878.

675. *Chrysotis levaillanti*, Gray. Levaillant's Amazon.
Hab. Mexico.

a. Purchased, Aug. 3, 1859.
b. Deposited, June 26, 1866.
c. Presented by C. M. Jones, Esq., June 18, 1867.
d. Purchased, July 21, 1869.
e. Presented by Mrs. G. B. Crawley, April 15, 1876.
f. Presented by Mrs. Matthews, Feb. 22, 1877.
g. Presented by Capt. King, Aug. 4, 1877.

676. *Chrysotis ochrocephala* (Gm.). Yellow-fronted Amazon.
Hab. Guiana.

a. Presented by J. L. O'Beirne, Esq., M.P., April 24, 1868.
b. Presented by Capt. Boyle, May 7, 1872.
c, *d*. Presented by A. Warmington, Esq., July 18, 1872.
e, *f*. Deposited, Dec. 19, 1872.
g. Deposited, Sept. 15, 1874.
h, *i*. Deposited, Jan. 8, 1875.
j, *k*. Deposited, March 25, 1875.
l. Presented by Mrs. Bolton, Aug. 10, 1875.
m. Presented by Mrs. Sproston, Dec. 10, 1875. (Variety.)
n. Presented by F. A. B. Geneste, Esq., Feb. 3, 1877.
o. Presented by Mrs. T. Smith, Jan. 16, 1879.
p, *q*. Presented by Mrs. Kelly, April 1, 1879.
r. Presented by Neville Holland, Esq., April 14, 1879.

677. *Chrysotis panamensis*, Cab. Yellow-billed Amazon.
Hab. Panama.

a, *b*. Purchased, May 31, 1880.

678. *Chrysotis mercenaria* (Tsch.). Mercenary Amazon.
Hab. Columbia.

a. Purchased, May 2, 1882.

Genus Deroptyus.

679. *Deroptyus accipitrinus* (Linn.). Hawk-headed Caique.

Hab. Brazil.

a. Presented by G. Dennis, Esq., July 19, 1856.
b. Presented by S. Booker, Esq., Jan. 15, 1868.
c. Presented by G. Peacock, Esq., Aug. 3, 1869.
d. Presented by J. G. Sawkins, Esq., Aug. 10, 1870.
e. Purchased, Aug. 13, 1873.
f. Purchased, June 26, 1877.
g, *h*. Presented by Charles Fricke, Esq., Feb. 11, 1880.

Genus Caica.

680. *Caica melanocephala* (Linn.). Black-headed Caique.

Hab. Demerara.

a. Purchased, 1855.
b, *c*. Purchased, Aug. 14, 1866.
d, *e*. Deposited, June 30, 1869.
f, *g*. Deposited, June 2, 1871.
h, *i*. Presented by His Honour Judge Lovesey, Sept. 29, 1873.
j. Purchased, July 23, 1875.
k. Purchased, Aug. 29, 1881.

681. *Caica leucogastra* (Kuhl). White-bellied Parrot.

Hab. Brazil.

a. Purchased, Oct. 13, 1880.

682. *Caica xanthomera*, Gray. Yellow-thighed Caique.

Hab. Upper Amazons.

a, *b*. Purchased, April 27, 1877. From Yquitos. See P. Z. S. 1877, p. 419.

Genus Pionus.

683. *Pionus menstruus* (Linn.). Red-vented Parrot.

Hab. South America.

a, *b*. Purchased, Aug. 7, 1868.
c. Presented by the Rev. A. W. Booker, Feb. 6, 1872.
d. Purchased, May 25, 1873.
e, *f*. Purchased, July 22, 1875.
g. Purchased, Oct. 13, 1880.

684. *Pionus maximiliani* (Kuhl). Maximilian's Parrot.
Hab. Brazil.

a. Purchased, July 31, 1862.
b. Purchased, Nov. 15, 1880.

685. *Pionus senilis* (Spix). White-headed Parrot.
Hab. Mexico.

a. Purchased, Oct. 6, 1862.
b. Purchased, Nov. 23, 1867.
c. Purchased, May 31, 1880.
d. Purchased, Dec. 24, 1881.

686. *Pionus violaceus* (Bodd.). Dusky Parrot.
Hab. Guiana.

a. Purchased, Jan. 27, 1869.
b. Purchased, June 1, 1875.
c. Purchased, March 31, 1880.
d, *e*. Received in exchange, Sept. 14, 1882.

687. *Pionus sordidus* (Linn.). Sordid Parrot.
Hab. Venezuela.

a, *b*. Purchased, Nov. 24, 1873.

Genus PIONOPSITTA.

688. *Pionopsitta pileata* (Scop.). Red-capped Parrot.
Hab. Brazil.

a. Purchased, March 13, 1877.

Genus BROTOGERYS.

689. *Brotogerys tiriacula* (Bodd.). All-green Parrakeet.
Hab. South America.

a, *b*. Presented by Lady Gilbert, June 17, 1862.
c. Presented by Mrs. M'Mullen, Sept. 22, 1869.
d. Purchased, March 14, 1871.
e, *f*. Purchased, March 10, 1876.
g, *h*. Presented by Miss Rowe, Oct. 26, 1877.
i, *j*. Presented by Dr. A. Stradling, Sept. 5, 1879.

690. *Brotogerys xanthopterus* (Spix). Orange-winged Parrakeet.

Hab. Brazil.

a. Purchased, May 28, 1868.

691. *Brotogerys virescens* (Gm.). Yellow-winged Parrakeet.

Hab. Brazil.

a. Purchased, Oct. 20, 1862.
b. Presented by Mrs. Grant Duff, Dec. 5, 1870.
c. Purchased, March 14, 1871.

692. *Brotogerys pyrrhopterus* (Lath.). Orange-flanked Parrakeet.

Hab. Western Ecuador.

a, b. Purchased, Aug. 29, 1862.
c, d. Purchased, May 14, 1869.

693. *Brotogerys tui* (Gm.). Tui Parrakeet.

Hab. Brazil.

a. Purchased, Oct. 20, 1862.
b. Purchased, May 8, 1868.
c, d. Purchased, March 25, 1880.
e, f. Purchased, Oct. 13, 1880.
g, h. Received in exchange, April 13, 1882.

694. *Brotogerys tuipara* (Gm.). Golden-fronted Parrakeet.

Hab. South America.

a. Received in exchange, Jan. 28, 1879.

695. *Brotogerys chrysop'erus* (Linn.). Golden-winged Parrakeet.

Hab. Amazons.

a. Received in exchange, April 12, 1878.

696. *Brotogerys tovi* (Gm.). Tovi Parrakeet.

Hab. Columbia.

a. Purchased, June 28, 1872.
b, c. Presented by Capt. H. King, May 2, 1879.
d, e. Presented by Major H. Langford Brooke, June 30, 1882.

Order IV. STRIGES.

Family STRIGIDÆ.

Genus Strix.

697. *Strix flammea*, Linn. Barn-Owl.

Hab. Europe, Asia, Africa, and America.

a–z. See former editions.
a^1, b^1. Presented by G. Stephen, Esq., Aug. 16, 1873.
c^1. Presented by Mrs. Burrell, Jan. 14, 1874.
d^1. Purchased, April 8, 1875. From St. Vincent.
e^1. Presented by H. Stacey Marks, Esq., F.Z.S., May 13, 1875.
f^1. Presented by Mrs. Knight, May 22, 1876.
g^1, h^1. Presented by Miss Hicks, Aug. 15, 1876.
i^1, j^1. Presented by Mr. F. May, Sept. 7, 1876.
k^1. Presented by Miss Martindale, Oct. 18, 1876.
l^1. Presented by Commr. Wyatt, July 10, 1878.
m^1. Presented by W. Davies, Esq., Dec. 24, 1878.
n^1, o^1. Presented by R. A. Baldin, Esq., July 8, 1879.
p^1. Presented by Mr. H. Norris, Aug. 20, 1879.
q^1. Presented by F. Bagnall, Esq., Nov. 4, 1879.
r^1. Presented by Mr. G. D. Edwards, Jan. 20, 1880.
^{1}, t^1. Presented by G. E. Dobson, Esq., C.M.Z.S., April 28, 1880.
u^1, v^1. Deposited, July 4, 1881.
w^1. Presented by Mr. F. Page, Jan. 28, 1881.
x^1, y^1. Presented by C. T. Foster, Esq., Aug. 24, 1881.
z^1, a^2. Presented by Master Golden, Feb. 2, 1882.
b^2, c^2. Presented by Dr. Boyd, F.Z.S., Sept. 7, 1882.
d^2. Presented by Mr. G. Paul, Sept. 21, 1882.
e^2. Presented by Mrs. A. Wright, Nov. 13, 1882.
f^2. Presented by the Rev. A. Reece, Dec. 14, 1882.

698. *Strix delicatula*, Gould. Australian Barn-Owl.

Hab. Australia.

a. Presented by Dr. F. Mueller, C.M.Z.S., Aug. 26, 1868.

699. *Strix novæ-hollandiæ*, Steph. Masked Barn-Owl.

Hab. Australia.

a. Purchased, March 16, 1868.
b. Purchased, March 15, 1871.

700. *Strix capensis* (Smith). Cape Grass-Owl.

Hab. South Africa.

a. Received in exchange, Feb. 8, 1870. See P. Z. S. 1870, p. 125.

Family ASIONIDÆ.

Genus Asio.

701. *Asio otus* (Linn.). Long-eared Owl.

Hab. Europe.

a. Presented by Robert Widdowson, Esq., Aug. 19, 1865.
b–d. Presented by William Burnley, Esq., Aug. 13, 1866.
e. Presented by Edward Greey, Esq., F.Z.S., Feb. 1, 1867.
f. Presented by Howard Saunders, Esq., F.Z.S., June 25, 1867.
g. Presented by A. F. Barrand, Esq., Nov. 2, 1868.
h. Presented by W. Unwin, Esq., Jan. 11, 1870.
i. Purchased, May 18, 1871. British.
j, *k*. Deposited, April 26, 1872.
l. Presented by G. S. Patey, Esq., May 10, 1872.
m. Presented by G. S. Patey, Esq., May 22, 1872.
n. Presented by Dr. Bree, April 22, 1873.
o, *p*. Presented by J. Whitaker, Esq., June 26, 1873.
q. Presented by W. S. Menzies, Esq., Dec. 4, 1873.
r–t. Presented by Mr. Hincks, April 21, 1874.
u, *v*. Presented by Conrad Berguean, Esq., May 21, 1875.
w. Presented by Mr. E. Brown, July 8, 1875.
x. Presented by the Misses Warre, Sept. 6, 1876.
y. Presented by W. H. Millington, Esq., Nov. 26, 1877.
z. Presented by Dr. W. Anderson, April 1, 1880.
a^1. Presented by Capt. C. A. Lumsden, April 21, 1880.
b^1. Presented by G. E. Dobson, Esq., C.M.Z.S., May 19, 1880.
c^1. Purchased, Oct. 28, 1880.
d^1, *e*^{1}. Presented by the Rev. J. A. Wix, Nov. 12, 1881.
f^1, *g*^{1}. Presented by Mrs. E. Brewer, May 9, 1882.
h^1. Purchased, Dec. 13, 1882.

702. *Asio mexicanus* (Gm.). Mexican Eared Owl.

Hab. Mexico.

a. Purchased, Feb. 15, 1877. See P. Z. S. 1877, p. 159.

703. *Asio brachyotus* (Forster). Short-eared Owl.

Hab. Europe, Asia, Africa, and America.

a. Presented by Dr. Bree, Nov. 6, 1867.
b. Purchased, March 2, 1868. From Natal.
c. Deposited, July 14, 1869.
d. Presented by R. Munt, Esq., Oct. 17, 1871. Captured at sea.
e, *f*. Presented by Capt. D. Herd, C.M.Z.S., Nov. 9, 1871. From North America.
g. Presented by W. K. Stanley, Esq., Dec. 7, 1876.
h. Presented by J. Lee, Esq., Dec. 20, 1876.
i. Presented by W. K. Stanley, Esq., April 10, 1878.
j. Presented by R. M. Christy, Esq., Jan. 3, 1882.

704. *Asio capensis* (Smith). Cape Eared Owl.

Hab. Africa and Southern Europe.

a. Deposited, April 5, 1869. From Southern Spain, near Tarifa. See P. Z. S. 1869, p. 276, and 1870, p. 125.

705. *Asio grammicus* (Gosse). Gosse's Eared Owl.

Hab. Jamaica.

a. Deposited, April 27, 1869.

Genus Syrnium.

706. *Syrnium aluco* (Linn.). Tawny Owl.

Hab. Europe.

a. Presented by Edward Newton, Esq., F.Z.S., May 28, 1851. From Norway.
b. Presented by Percy S. Godman, Esq., C.M.Z.S., Aug. 13, 1861. From Norway.
c. Presented by John Gould, Esq., V.P.Z.S., April 10, 1865.
d. Presented by the Rev. John Light, Aug. 22, 1866.
e, *f*. Presented by G. D. Rowley, Esq., M.A., F.Z.S., May 30, 1868. British.
g. Presented by F. Petford, Esq., Jan. 24, 1869.
h. Presented by George W. Arnott, Esq., April 17, 1869.
i. Presented by R. E. S. Wade, Esq., Jan. 15, 1870.
j. Presented by Thomas Collbran, Esq., June 28, 1870.
k. Presented by Mrs. Buckland, June 13, 1871.
l. Presented by Mrs. Buckland, July 4, 1871.
m, *n*. Presented by the Rev. A. C. Harvey, July 15, 1871.
o. Male. Presented by H. W. Lathom Browne, Esq., April 24, 1873.

p, *q*. Presented by J. Smith, Esq., May 27, 1873.
r. Presented by Dr. Lewis, July 29, 1873.
s. Presented by W. C. Pitcher, Esq., Sept. 30, 1873.
t. Presented by S. C. Jinks, Esq., July 14, 1874.
u. Presented by the Rev. P. R. Gorringe, Oct. 15, 1874.
v. Presented by Mrs. Darley, Oct. 24, 1874.
w. Presented by F. Braund, Esq., Oct. 23, 1875.
x. Presented by Mrs. Faulkner, Jan. 13, 1877.
y. Presented by Miss Pitcairn, May 16, 1877.
z. Presented by Mrs. North, Oct. 9, 1877.
a^1. Presented by J. E. Liardet, Esq., Jan. 25, 1878.
b^1. Presented by J. Torpey, Esq., Feb. 11, 1878.
c^1. Presented by C. B. Wharton, Esq., F.Z.S., May 14, 1878.
d^1. Presented by H. T. Wharton, Esq., July 23, 1878.
e^1. Presented by F. W. Jaedecke, Esq., Oct. 27, 1878.
f^1. Presented by Mrs. George Blagden, Feb. 13, 1879.
g^1. Presented by Capt. F. Lloyd, Aug. 6, 1879.
h^1. Presented by J. Smith, Esq., Nov. 25, 1879.
i^1. Presented by W. Addison, Esq., Feb. 5, 1880.
j^1, k^1. Presented by H. T. Archer, Esq., Aug. 3, 1881.

707. *Syrnium nebulosum* (Forst.). Barred Owl.
Hab. North America.

a. Purchased, Aug. 12, 1863.
b. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.

708. *Syrnium woodfordi* (Smith). Woodford's Owl.
Hab. Natal.

a. Presented by W. E. Oates, Esq., Aug. 16, 1875. See P. Z. S. 1875, p. 529.

709. *Syrnium sinense* (Lath.). Pagoda Owl.
Hab. Java.

a. Received in exchange, Nov. 10, 1865.

710. *Syrnium indranee* (Sykes). Indranee Owl.
Hab. Ceylon.

a. Presented by Capt. W. Vincent Legge, R.A., May 7, 1877.
b, *c*. Deposited, June 4, 1878.
d. Presented by Capt. J. Murray, Oct. 7, 1878.
e. Presented by Commander Burkitt, Dec. 31, 1881.

Genus Bubo.

711. *Bubo maximus,* Fleming. Great Eagle-Owl.

Hab. Europe and North Asia.

a. Presented by Lieut.-Gen. C. R. Fox, F.Z.S., June 22, 1858.
b. Presented by Sir John Cathcart, Bart., F.Z.S., April 28, 1859.
c. Presented by the Hon. Mrs. Stuart, Oct. 15, 1862.
d, e. Presented by Capt. Stewart, Oct. 7, 1863.
f, g. Presented by Mr. Nerdrum, Sept. 3, 1867. From Christiania, Norway.
h. Presented by Mrs. T. Bell, Sept. 28, 1868.
i. Deposited, April 5, 1869. From Gibraltar.
j. Presented by Charles Bamford, Esq., Aug. 25, 1869.
k. Received in exchange, Nov. 3, 1869.
l. Presented by Dr. Somerville, Nov. 10, 1869. From China.
m. Presented by C. Bamford, Esq., Jan. 14, 1870.
n. Deposited, May 5, 1870. From the East Indies.
o. Deposited, May 31, 1870. From Southern Spain.
p. Presented by Mrs. Stapleton, June 29, 1872.
q. Presented by Robert Wilkins, Esq., Aug. 19, 1872.
r. Deposited, Jan. 1, 1874.
s. Presented by Lord Londesborough, F.Z.S., Oct. 19, 1874.
t. Deposited, Jan. 7, 1879.
u. Presented by Mr. Lindsay von Julin, July 22, 1881. From Nyland, South Finland.
v. Deposited, Nov. 3, 1881.
w. Presented by the Earl of Kilmorey, May 15, 1882.
x. Deposited, July 12, 1882.
y. Presented by R. Leigh Pemberton, Esq., Dec. 5, 1882.

712. *Bubo virginianus* (Gm.). Virginian Eagle-Owl.

Hab. North America.

a. Presented by Capt. Wishart, H.B.C.S., Oct. 12, 1858. From the Hudson's Bay Territory.
b. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 13, 1858. From the Hudson's Bay Territory.
c. Presented by Jos. Radford, Esq., Aug. 17, 1861.
d, e. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 12, 1863. From the Hudson's Bay Territory.
f. Presented by E. Dumaresq, Esq., Dec. 13, 1866.
g. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Nov. 12, 1867.
h. Presented by Dr. Palin, Sept. 15, 1870.
i. Deposited, Dec. 20, 1870.
j. Purchased, March 27, 1871.

k. Presented by A. Laurie, Esq., July 16, 1872.
l. Presented by Capt. D. Herd, Oct. 21, 1873.
m, *n*. Deposited, June 21, 1875.
o. Presented by H. Knight, Esq., Feb. 21, 1876.
p. Purchased, July 16, 1877.
q. Purchased, July 29, 1880.

713. *Bubo ascalaphus* (Sav.). Savigny's Eagle-Owl.
Hab. North Africa.

a. Deposited, May 3, 1865. From Mogadore.
b. Presented by Dr. J. Huntly, March 18, 1878. From Persia.

714. *Bubo bengalensis* (Frankl.). Bengal Eagle-Owl.
Hab. India.

a, *b*. Purchased, Sept. 21, 1871.
c, *d*. Purchased, July 25, 1880.

715. *Bubo capensis* (Daud.). Cape Eagle-Owl.
Hab. South Africa.

a. Purchased, Feb. 8, 1870. See P. Z. S. 1870, p. 125.
b. Presented by V. A. Litkie, Esq., Dec. 10, 1880.

716. *Bubo maculosus* (Vieill.). Spotted Eagle-Owl.
Hab. Africa.

a. Purchased, Sept. 1859.
b. Received in exchange, Aug. 16, 1864.
c. Purchased, July 27, 1864.
d, *e*. Presented by Commander Sir William S. Wiseman, R.N., Feb. 11, 1867.
f. Presented by Lieut. D. H. Jackson, 88th Regt., Dec. 19, 1867.
g. Presented by A. Swanzy, Esq., Nov. 22, 1871.
h. Received in exchange, March 21, 1878.
i. Purchased, Feb. 19, 1879.
j, *k*. Purchased, Feb. 11, 1882.

717. *Bubo cinerascens*, Guérin. Grey Eagle-Owl.
Hab. West Africa.

a, *b*. Purchased, June 14, 1866.
c. Presented by Dr. Bree, April 22, 1873.

718. *Bubo lacteus* (Temm.). Milky Eagle-Owl.
Hab. West Africa.

a. Received in exchange, Dec. 13, 1861. See P. Z. S. 1861, p. 59.
b. Purchased, Sept. 16, 1865.

719. *Bubo coromandus* (Lath.). Coromandel Eagle-Owl.
Hab. India.

a. Purchased, June 3, 1868.

720. *Bubo orientalis* (Horsf.). Oriental Eagle-Owl.
Hab. Siam.

a. Presented by C. Fowler, Esq., Sept. 16, 1878. From Karennee. See P. Z. S. 1878, p. 790.

721. *Bubo poensis*, Fraser. Fraser's Eagle-Owl.
Hab. West Africa.

a. Purchased, Aug. 13, 1863. Specimen figured, P. Z. S. 1863, p. 376, pl. xxxiii., as *B. fasciolatus*.
b. Purchased, Aug. 8, 1881.

Genus Ketupa.

722. *Ketupa javanensis* (Less.). Javan Fish-Owl.
Hab. Java.

a. Purchased, Sept. 8, 1871. See P. Z. S. 1871, p. 627.
b, *c*. Received in exchange, May 18, 1876.
d. Purchased, May 19, 1879.

723. *Ketupa ceylonensis* (Gm.). Ceylonese Fish-Owl.
Hab. Ceylon.

a. Presented by Capt. B. B. Turner, April 4, 1877. See P. Z. S. 1877, p. 418.

Genus Scops.

724. *Scops giu* (Scop.). Scops Owl.
Hab. South Europe.

a. Presented by the Rev. W. E. Belson, Oct. 27, 1870. From the Cape-Verd Islands.

b. Purchased, Oct. 11, 1879.
c. Presented by W. H. St. Quintin, Esq., Feb. 24, 1880.
d, *e*. Purchased, Aug. 22, 1881.
f. Deposited, Dec. 1, 1882.

725. *Scops leucotis* (Temm.). White-eared Scops Owl.

Hab. West Africa.

a, *b*. Purchased, May 19, 1865.

726. *Scops asio* (Linn.). American Scops Owl.

Hab. North America.

a, *b*. Purchased, July 20, 1882.

Genus Scotopelia.

727. *Scotopelia peli* (Temm.). Pel's Owl.

Hab. Africa.

a. Purchased, April 30, 1866. Specimen from the Gambia, described and figured by Mr. J. H. Gurney in 'The Ibis,' 1859, p. 445, pl. xv.

Genus Pulsatrix.

728. *Pulsatrix torquata* (Daud.). Downy Owl.

Hab. South America.

a. Deposited, Oct. 24, 1864.
b. Purchased, April 8, 1865.
c. Purchased, July 25, 1867.
d. Presented by Señor Don Luis Fontana, C.M.Z.S., Sept. 19, 1871. From Paraguay.
e. Purchased, June 21, 1873.
f. Purchased, Feb. 15, 1877.
g. Presented by Dr. A. Stradling, Nov. 15, 1879.
h. Purchased, May 19, 1880.

Genus Sceloglaux.

729. *Sceloglaux albifacies* (Gray). White-faced Owl.

Hab. New Zealand.

a. Purchased, Sept. 4, 1875. See P. Z. S. 1875, p. 530.

Genus Athene.

730. *Athene noctua* (Scop.). Naked-footed Owlet.

Hab. Europe.

a–h. Presented by the Hon. W. C. Ellis, May 23, 1864.
i, j. Purchased, July 9, 1866.
k, l. Purchased, Aug. 10, 1870.
m, n. Presented by S. G. Reid, Esq., and Lieut. Denison, R.E., Aug. 20, 1873.
o. Presented by Mr. R. J. Mareton, Oct. 10, 1881.
p. Purchased, Oct. 17, 1881.

731. *Athene brama* (Temm.). Spotted Owl.

Hab. Madras.

a, b. Presented by Ll. Thomas, Esq., Aug. 23, 1871.

Genus Ninox.

732. *Ninox boobook* (Lath.). Boobook Owl.

Hab. Queensland.

a. Presented by the Acclimatization Society of Queensland, Sept. 9, 1864.
b, c. Purchased, March 13, 1868.
d. Purchased, July 7, 1869.
e. Presented by T. Walker, Esq., April 19, 1871.
f–h. Purchased, April 10, 1872.

733. *Ninox novæ-seelandiæ* (Gm.). New-Zealand Owl.

Hab. New Zealand.

a. Presented by — Armiger, Esq., July 3, 1867.
b. Presented by the Canterbury Acclimatization Society, Christchurch, New Zealand, Aug. 16, 1867.

Genus Speotyto.

734. *Speotyto cunicularia* (Mol.). Burrowing Owl. (Fig. 46.)

Hab. America.

a. Presented by G. Wilks, Esq., C.M.Z.S., March 5, 1868. From La Plata. See P. Z. S. 1868, p. 261.
b–e. Presented by G. Wilks, Esq., C.M.Z.S., March 19, 1870. From La Plata. See P. Z. S. 1870, p. 220.

f. Purchased, Oct. 3, 1873.
g. Purchased, July 20, 1875.
h, *i*. Purchased, July 31, 1875.
j, *k*. Purchased, Sept. 6, 1875.
l, *m*. Presented by A. O. Lumb, Esq., Feb. 8, 1876.
n. Presented by G. E. P. Nixon, Esq., July 27, 1878.

Fig. 46.

Speotyto cunicularia. ('Nature,' ii. p. 11.)

Genus Glaucidium.

735. *Glaucidium passerinum* (Linn.). Passerine Owl.

Hab. Europe.

a, *b*. Presented by Mrs. Wakefield, Sept. 1, 1868.
c–*f*. Deposited, Aug. 5, 1870.
g. Deposited, June 26, 1871.
h. Presented by the Rev. J. Climenson, F.Z.S., July 21, 1871.
i, *j*. Presented by C. W. Tait, Esq., C.M.Z.S., July 16, 1874.
k. Presented by H. M. Golding Bird, Esq., May 12, 1876.
l–*n*. Purchased, July 20, 1876.
o. Presented by T. W. Evans, Esq., M.P., Feb. 22, 1877.
p. Presented by W. C. Tait, Esq., C.M.Z.S., Aug. 2, 1878.
q. Presented by Albert Momber, Esq., Sept. 16, 1878.
r. Presented by Miss Turner, Oct. 6, 1878.
s. Presented by Miss Maud Howard, Aug. 3, 1882.

736. *Glaucidium phalænoides* (Daud.). Brown Passerine Owl.

Hab. South America.

a. Purchased, May 19, 1880.

Genus Nyctea.

737. *Nyctea scandiaca* (Linn.). Snowy Owl.

Hab. Europe.

a. Presented by George Clive, Esq., Oct. 11, 1860. From Ireland.
b. Presented by the Hon. A. Gordon, April 30, 1864. From New Brunswick.
c, *d*. Presented by Lord Ruthven, Aug. 7, 1869.
e. Purchased, June 29, 1872.
f. Purchased, April 21, 1874.
g, *h*. Presented by C. L. W. Gardiner, Esq., Oct. 15, 1876.
i. Presented by J. Kendall, Esq., Dec. 4, 1876.
j. Deposited, Dec. 22, 1876. See P. Z. S. 1877, p. 1.
k. Male; *l*. Female. Purchased, Nov. 24, 1882.

Genus Surnia.

738. *Surnia funerea* (Linn.). American Hawk-Owl.

Hab. Arctic America.

a. Purchased, Dec. 3, 1868.
b. Presented by Capt. David Herd, C.M.Z.S., Oct. 14, 1872. From Hudson's Bay.

Order V. ACCIPITRES.

Family FALCONIDÆ.

Subfamily I. PANDIONINÆ.

Genus PANDION.

739. *Pandion haliaëtus* (Linn.). Osprey.

Hab. All parts of the world.

a, *b*. Presented by J. P. Traherne, Esq., Aug. 31, 1868.
c. Presented by Capt. David Herd, C.M.Z.S., Oct. 14, 1872. From Hudson's Bay.
d. Presented by W. S. Quintin, Esq., Sept. 15, 1877.
e. Purchased, July 30, 1881.
f. Purchased, Oct. 11, 1881.

Subfamily II. CIRCINÆ.

Genus CIRCUS.

740. *Circus cyaneus* (Linn.). Hen-Harrier.

Hab. Europe.

a. Presented by H. P. Hensman, Esq., Dec. 21, 1863.
b. Presented by Major Stapylton, Aug. 19, 1870.
c. Purchased, April 21, 1873.

741. *Circus æruginosus* (Linn.). Marsh-Harrier.

Hab. Europe.

a. Presented by A. S. Yates, Esq., Aug. 15, 1863.
b. Presented by J. H. Gurney, Esq., F.Z.S., Feb. 29, 1864.
c. Presented by C. A. Goring, Esq., Sept. 8, 1865.
d. Male. Purchased, April 16, 1869.
e. Purchased, Sept. 18, 1869.
f. Presented by C. Tait, Esq., April 17, 1872. From Portugal.
g. Presented by J. Wolfe Murray, Esq., June 25, 1881.

742. *Circus cineraceus* (Mont.). Montagu's Harrier.

Hab. Europe.

a. Purchased, Oct. 8, 1862.
b. Presented by G. Dawson Rowley, Esq., F.Z.S., Nov. 28, 1867. British.
c. Purchased, June 18, 1868.
d. Presented by Lord Lilford, F.Z.S., June 28, 1872.
e, *f*. Presented by M. Geoffroy St.-Hilaire, Aug. 6, 1873.
g. Presented by Capt. Hadfield, Sept. 3, 1875.

743. *Circus gouldi*, Bp. Gould's Harrier.

Hab. Tasmania.

a. Presented by Capt. J. Seaborne, June 14, 1880.

744. *Circus maurus* (Temm.). Moor Harrier.

Hab. South Africa.

a, *b*. Purchased, Nov. 16, 1880. From the Cape Flats, Port Elizabeth.
c. Presented by Mr. Cole, March 6, 1882.

Subfamily III. Buteoninæ.

Genus Buteo.

745. *Buteo vulgaris*, Leach. Buzzard.

Hab. Europe.

a. Presented by J. H. Gurney, Esq., F.Z.S., Jan. 17, 1862.
b. Presented by Professor Rolleston, F.Z.S., Aug. 11, 1864.
c. Presented by Lord Willoughby de Eresby, July 14, 1865.
d, *e*. Purchased, April 28, 1868.
f. Presented by T. Tax, Esq., Sept. 4, 1868. From Norway.
g. Female. Presented by James Hartley, Esq., Aug. 27, 1869.
h. Presented by John Susini, Esq., Oct. 11, 1869.
i. Presented by W. Jones, Esq., Nov. 14, 1870.
j, *k*. Presented by W. Brodrick, Esq., May 6, 1871.
l. Presented by E. C. Phillips, Esq., May 15, 1871.
m. Deposited, July 13, 1871.
n. Presented by H. P. Underwood, Esq., Feb. 6, 1872.
o, *p*. Presented by Sir Hugh Williams, Bart., Oct. 29, 1872.
q. Presented by J. Turner Turner, Esq., Jan. 7, 1873.

r. Presented by Mr. C. Mills, March 26, 1874.
s. Deposited, April 28, 1874.
t. Purchased, April 20, 1875.
u. Presented by W. Binder, Esq., March 4, 1876.
v. Purchased, Dec. 12, 1876.
w. Presented by F. Buckland, Esq., June 5, 1877.
x, *y*. Presented by V. Marks, Esq., Aug. 13, 1878.
z. Deposited, Aug. 16, 1879.
a^1. Presented by Lord Walsingham, F.Z.S., Feb. 14, 1882.
b^1, c^1. Presented by W. M. Baillie, Esq., March 8, 1882.
d^1. Presented by J. C. S. Rocke, Esq., April 6, 1882.
e^1, f^1. Presented by J. Faed, Esq., May 18, 1882.

746. *Buteo desertorum* (Daud.). African Buzzard.

Hab. Africa.

a. Presented by E. L. Layard, Esq., F.Z.S., Oct. 31, 1860. From the Cape Colony.
b, *c*. Purchased, May 1869.
d, *e*. Purchased, Aug. 6, 1872.
f, *g*. Presented by S. G. Reid, Esq., and Lieut. Denison, R.E., Aug. 20, 1873.
h. Presented by A. Anderson, Esq., May 21, 1877. See P. Z. S. 1877, p. 530.
i. Presented by the Rev. W. Willimott, Sept. 22, 1877.

747. *Buteo jacal* (Daud.). Jackal Buzzard.

Hab. Africa.

a. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, Nov. 1, 1861. From the Cape Colony.
b. Purchased, Oct. 30, 1863. From West Africa.
c. Presented by G. W. Baker, Esq., May 24, 1866. From Natal.
d. Purchased, July 20, 1867.
e. Deposited, March 10, 1876.
f. Purchased, Oct. 2, 1882.

748. *Buteo auguralis*, Salvad. Augural Buzzard.

Hab. West Africa.

a, *b*. Purchased, April 26, 1866.

749. *Buteo swainsoni*, Bp. Swainson's Buzzard.

Hab. America.

a. Purchased, March 2, 1878.

750. *Buteo lineatus* (Gm.). Lineated Buzzard.

Hab. North America.

a. Presented by E. C. Newcombe, Esq., Feb. 28, 1867.

751. *Buteo borealis* (Gm.). Red-tailed Buzzard.

Hab. North America.

a. Presented by Capt. W. J. Tibbs (98th Regt.), June 20, 1876.
b, *c*. Received in exchange, Jan. 28, 1879.
d. Presented by W. H. St. Quintin, Esq., July 16, 1880.
e. Presented by Mr. R. Starling, Aug. 10, 1880.

752. *Buteo pennsylvanicus* (Wils.). Pennsylvanian Buzzard.

Hab. North America.

a. Purchased, Nov. 23, 1869.

753. *Buteo albicaudatus*, Vieill. White-tailed Buzzard.

Hab. America.

a. Purchased, March 2, 1878, as *Buteo swainsoni*.

754. *Buteo erythronotus* (King). Red-backed Buzzard.

Hab. South America.

a. Purchased, July 20, 1874.

Genus Archibuteo.

755. *Archibuteo lagopus* (Gm.). Rough-legged Buzzard.

Hab. Europe.

a. Presented by Sir T. Fowell Buxton, Bart., F.Z.S., March 31, 1862.
b. Purchased, June 14, 1865.
c. Presented by Charles Gordon, Esq., Nov. 8, 1867.
d, *e*. Presented by Capt. A. Stewart, Aug. 29, 1868.
f, *g*. Presented by Capt. Stewart, Oct. 2, 1869.
h. Purchased, Dec. 29, 1871.
i. Presented by W. Stokes, Esq., June 5, 1873.
j, *k*. Presented by A. B. Hepburn, Esq., Dec. 4, 1873.
l. Deposited, Nov. 29, 1876.
m. Presented by W. R. Paxton, Esq., Feb. 8, 1877.
n. Presented by Lady Bunbury, Feb. 21, 1877.
o. Presented by Lord Hobart, Oct. 4, 1879. From Labrador.

756. *Archibuteo sancti-johannis* (Gm.). St. John's Buzzard.

Hab. North America.

a. Presented by Capt. David Herd, C.M.Z.S., Nov. 12, 1867. From the Hudson's Bay Territory.

Genus Pernis.

757. *Pernis apivorus* (Linn.). Honey-Buzzard.

Hab. Europe.

a. Presented by Charles Clifton, Esq., F.Z.S., Sept. 24, 1860.
b. Presented by Percy S. Godman, Esq., C.M.Z.S., Aug. 13, 1861. From Norway.
c. Presented by J. G. Topham, Esq., Sept. 30, 1868.
d. Presented by J. Watkins Drew, Esq., June 20, 1869.
e. Presented by James D. Nicol, Esq., Dec. 9, 1869.
f. Presented by L. Cumberbatch, Esq., Aug. 18, 1872.
g. Purchased, June 16, 1874.

758. *Pernis ptilorhyncha* (Temm.). Crested Honey-Buzzard.

Hab. India.

a. Purchased, Dec. 6, 1867.

Genus Haliastur.

759. *Haliastur indus* (Bodd.). Brahminy Kite.

Hab. South Asia.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857. From India.
b–d. Deposited, May 20, 1865. From India.
e, f. Purchased, July 3, 1865. From India.
g. Purchased, June 2, 1880.

760. *Haliastur intermedius*, Blyth. Javan Brahminy Kite.

Hab. Java.

a. Received in exchange, Aug. 7, 1861.

761. *Haliastur sphenurus* (Vieill.). Whistling Kite.

Hab. Australia.

a, b. Received, April 24, 1863. From Queensland.

Genus Asturina.

762. *Asturina nitida* (Lath.). Shining Buzzard Hawk.

Hab. South America.

a. Purchased, April 7, 1876.
b. Presented by G. H. Hawtayne, Esq. C.M.Z.S., Nov. 11, 1882.

Genus Urubitinga.

763. *Urubitinga anthracina* (Nitzsch). Ash-coloured Urubitinga.

Hab. South America.

a. Purchased, Nov. 26, 1874. From St. Vincent, West Indies.

764. *Urubitinga zonura*, Shaw. Banded-tailed Urubitinga.

Hab. Amazons.

a. Purchased, June 15, 1877.

765. *Urubitinga meridionalis* (Lath.). Rusty Urubitinga.

Hab. South America.

a. Purchased, April 7, 1876.
b. Purchased, May 19, 1880.

Genus Buteogallus.

766. *Buteogallus nigricollis* (Lath.). Black-necked Buzzard.

Hab. South America.

a. Purchased, Sept. 29, 1876.

Genus Leucopternis.

767. *Leucopternis scotoptera* (Max.). Dark-winged Buzzard.

Hab. Brazil.

a. Purchased, Oct. 15, 1878. From Bahia.

Genus Geranoaetus.

768. *Geranoaetus melanoleucus* (Vieill.). Chilian Sea-Eagle.
Hab. South America.

a. Presented by Admiral Seymour, July 12, 1848.
b. Purchased, Aug. 18, 1864.
c. Purchased, Sept. 13, 1865.
d. Presented by G. Wilks, Esq., C.M.Z.S., April 20, 1870. From La Plata.
e. Presented by Mr. J. Judge, Jan. 30, 1874. From Bahia.
f. Presented by E. Nelson, Esq., Oct. 1, 1875.
g. Deposited, Nov. 14, 1876.
h. Purchased, Jan. 17, 1877.
i. Presented by C. Clifton, Esq., Feb. 21, 1877.
j. Presented by J. T. North, Esq., June 13, 1877.
k. Purchased, July 16, 1877.
l, *m*. Purchased, July 29, 1878.
n. Purchased, Jan. 23, 1879. From Buenos Ayres.
o, *p*. Purchased, Nov. 15, 1881.

Genus Harpyhaliaetus.

769. *Harpyhaliaetus coronatus* (Vieill.). Crowned Harpy.
Hab. La Plata.

a. Presented by Edward Wallace Goodlake, Esq., C.M.Z.S. Feb. 1, 1863. From La Plata.

Genus Morphnus.

770. *Morphnus guianensis* (Daud.). Guianan Crested Eagle.
Hab. Amazons.

a. Purchased, May 23, 1877. See P. Z. S. 1877, p. 531.

Genus Thrasaetus.

771. *Thrasaetus harpyia* (Linn.). Harpy Eagle.
Hab. South America.

a. Purchased, April 5, 1854.
b. Presented by the late King of Portugal, F.Z.S., Oct. 15, 1858.
c. Purchased, Oct. 2, 1871. From Demerara.
d. Purchased, May 25, 1873.
e. Purchased, June 30, 1874. From Paraguay.
f. Received in exchange, Aug. 2, 1877.
g. Purchased, Dec. 31, 1879.
h. Presented by Stephenson Clarke, Esq., March 3, 1880.

Genus Helotarsus.

772. *Helotarsus ecaudatus* (Daud.). Bateleur Eagle.
Hab. Africa.

a. Presented by J. J. Monteiro, Esq., C.M.Z.S., Nov. 12, 1862. From Angola.
b, *c*. Deposited, Dec. 12, 1864.
d, *e*. Var. *leuconota*. Purchased, June 6, 1867. From West Africa.
f. Deposited, July 20, 1870.
g. Deposited, Dec. 6, 1870.
h, *i*. Presented by R. Newton, Esq., Oct. 4, 1873.
j. Presented by Alex. Sinclair, Esq., Aug. 1, 1879.
k. Presented by W. Walters, Esq., Aug. 4, 1881.

Genus Haliaetus.

773. *Haliaetus albicilla* (Linn.). White-tailed Eagle.
Hab. Europe.

a. Presented by the Viscount Powerscourt, F.Z.S., Feb. 13, 1862.
b. Presented by Mr. Xenos, Sept. 11, 1862.
c. Presented by J. Slowman, Esq., Nov. 6, 1862.
d. Presented by the Marquis of Salisbury, K.G., F.Z.S., Jan. 17, 1863.
e, *f*. Presented by H. Stafford O'Brien, Esq., Oct. 24, 1864.
g. Deposited, May 3, 1865. From Hornet Bay, Mantchuria.
h, *i*. Presented by H. Buckley, Esq., Aug. 7, 1865.
j. Presented by A. Pryor, Esq., Feb. 8, 1867.
k, *l*. Presented by the Duke of Athole, June 21, 1867.
m. Presented by Capt. Blakiston, May 12, 1869. From the Island of Saghalin.
n. Presented by R. Albay, Esq., Oct. 13, 1869.
o, *p*. Presented by the Hon. A. C. Littleton, May 25, 1870.
q. Presented by the Earl de Grey and Ripon, K.C.B., Dec. 13, 1870.
r. Presented by Cabel Roope, Esq., Jun., Feb. 19, 1873. Captured at sea.
s. Female. Deposited, April 25, 1873.
t, *u*. Presented by Sir Victor Brooke, F.Z.S., Jan. 16, 1874.
v. Presented by W. J. Sadler, Esq., F.Z.S., Sept. 10, 1874.
w, *x*. Presented by Major Jary, F.Z.S., Oct. 14, 1874.
y. Presented by Capt. S. T. Bridgford, Feb. 8, 1875. From Japan.
z. Deposited, Jan. 15, 1876.
a^1. Deposited, Aug. 23, 1881.
b^1. Presented by the Hon. M. Finch Hatton, Feb. 4, 1882.

774. *Haliaetus leucocephalus* (Linn.). White-headed Sea-Eagle.

Hab. North America.

a. Presented by Dr. E. J. Longton, Feb. 14, 1862. Taken in the Atlantic.
b. Presented by J. Rendall, Esq., May 25, 1863. Taken from the nest in Placentia Bay, Newfoundland. Specimen noticed, P. Z. S. 1863, p. 251, and 1865, p. 731.
c. Presented by — Whittle, Esq., March 25, 1867.
d. Presented by A. G. Yeatman, Esq., March 19, 1870.
e. Presented by F. M. Connor, Esq., March 12, 1872.
f. Presented by H. Walpole, Esq., Jan. 24, 1874.
g, *h*. Presented by W. F. Stockwell, Esq., Aug. 29, 1876. Canada.
i. Presented by A. G. Williams, Esq., July 21, 1877.
j. Deposited, Aug. 5, 1882.

775. *Haliaetus leucoryphus* (Pall.). Mace's Sea-Eagle.

Hab. India.

a. Presented by A. Grote, Esq., C.M.Z.S., April 20, 1863
b. Purchased, May 25, 1879.
c. Presented by Captain Butler, Nov. 14, 1879.

776. *Haliaetus leucogaster* (Gm.). White-bellied Sea-Eagle.

Hab. Australia.

a. Purchased, April 6, 1864.
b. Deposited, May 8, 1871.
c. Deposited, Aug. 8, 1871.
d. Purchased, May 30, 1876.

777. *Haliaetus vocifer* (Daud.). Vociferous Sea-Eagle.

Hab. Africa.

a. Presented by Edward Hooper, Esq., Jan. 18, 1866. From Natal.
b, *c*. Purchased, Aug. 19, 1866.
d. Purchased, July 29, 1869.
e. Purchased, May 26, 1873.
f. Purchased, June 21, 1873.
g. Presented by H. T. M. Cooper, Esq., June 10, 1875.
h. Presented by Mr. J. A. Solomons, Sept. 7, 1877.
i, *j*. Presented by Dr. J. Kirk, C.M.Z.S., Aug. 6, 1879.

Genus Aquila.

778. *Aquila chrysaetus* (Linn.). Golden Eagle.
Hab. Europe and North America.

a. Presented by J. H. Gurney, Esq., F.Z.S., 1857.
b. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Aug. 13, 1858. From the Hudson's Bay Territory.
c. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 12, 1863. From the Hudson's Bay Territory.
d, *e*. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 27, 1864. From the Hudson's Bay Territory.
f. Deposited, May 3, 1865.
g. Purchased, April 30, 1866, as *Aquila barthelemyi*. See P.Z.S. 1870, p. 80.
h–*j*. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Aug. 17, 1866.
k. Deposited, April 23, 1867.
l. Female. Presented by Alfred Dixon, Esq., Jan. 14, 1869.
m. Deposited, Aug. 18, 1870. From the Himalayas.
n. Presented by the Rev. D. S. Hind, Oct. 5, 1872.
o. Purchased, April 29, 1873.
p. Presented by A. W. Tait, Esq., Aug. 19, 1873.
q. Presented by Capt. D. Herd, Oct. 21, 1873.
r, *s*. Presented by A. J. C. White, Esq., Dec. 6, 1873.
t. Presented by J. A. Wright, Esq., April 7, 1875. From Spain.
u. Presented by Mr. W. S. Warner, April 23, 1875.
v. Presented by Mrs. Logan Home, June 21, 1875.
w, *x*. Presented by Lord Lilford, F.Z.S., July 14, 1875.
y. Deposited, Oct. 27, 1875. From Hudson's Bay.
z. Deposited, Nov. 10, 1876. North America.
a^1. Presented by the Earl of Dunmore, F.Z.S., June 4, 1879. From the Western Hebrides.
b^1, c^1. Presented by Mrs. A. H. Browne, July 22, 1879. From Scotland.
d^1. Presented by the Viscount Hill, March 13, 1880.
e^1. Purchased, Nov. 20, 1880. From Hudson's Bay.
f^1. Presented by Captain Hawes, Oct. 11, 1882.

779. *Aquila imperialis*, Bechst. Imperial Eagle.
Hab. Europe and Asia.

a. Presented by the late King of Portugal, F.Z.S., Aug. 30, 1860.
b. Presented by Lord Londesborough, F.Z.S., April 1, 1862.
c, *d*. Purchased, Sept. 19, 1864. From the Lower Danube.
e. Purchased, May 11, 1871. From Foo-Chow, China. See P.Z.S. 1871, p. 545.

f. Presented by Joseph Gripper, Esq., Jan. 4, 1872. From Bulgaria.
g. Purchased, May 31, 1877.
h. Deposited, June 6, 1877.
i. Deposited, June 22, 1877.

780. *Aquila adalberti*, Brehm. Spanish Imperial Eagle.

a, *b*. Presented by Major Howard Irby, June 24, 1871. From Southern Spain. See P. Z. S. 1871, p. 623.
c, *d*. Deposited, June 25, 1872. From Southern Spain.
e. Presented by the Marquis de la Granja de San Saturnino, Aug. 2, 1879.

781. *Aquila nœvioides*, Cuv. Tawny Eagle.

Hab. Africa.

a. Presented by W. H. Simpson, Esq., F.Z.S., 1857. From Algeria.
b. Presented by E. L. Layard, Esq., F.Z.S., Oct. 31, 1860. From Cape Colony.
c. Presented by E. L. Layard, Esq., F.Z.S., March 11, 1870. From Cape Colony.
d. Purchased, May 7, 1873.
e. Purchased, July 2, 1873.
f, *g*. Presented by Dr. Holub, Sept. 18, 1879. From South Africa.
h. Purchased, July 4, 1881. From Upper Nubia.
i. Presented by the Hon. — Southey, Nov. 28, 1881.

782. *Aquila clanga*, Pallas. Spotted Eagle.

Hab. Europe.

a. Purchased, Oct. 17, 1863.
b. Purchased, April 3, 1867.
c. Presented by W. Prodham, Esq., Aug. 15, 1876.

783. *Aquila audax* (Lath.). Wedge-tailed Eagle.

Hab. Australia.

a. Presented by Samuel Magnus, Esq., May 15, 1858.
b, *c*. Presented by Dr. Mueller, of Melbourne, C.M.Z.S., Dec. 13, 1859.
d. Presented by Dr. Mueller, of Melbourne, C.M.Z.S., Jan. 8, 1861.
e. Presented by — Russell, Esq., March 26, 1863.
f. Presented by Dr. Mueller, C.M.Z.S., May 5, 1865.
g, *h*. Deposited, Feb. 25, 1867.

i, *j*. Presented by the Commissioners of South Australia to the French Exhibition, May 11, 1867.
k. Presented by the Governor of the Botanic Gardens, Adelaide, Dec. 24, 1867.
l. Presented by C. J. Trendell, Esq., Nov. 2, 1868.
m. Presented by H.R.H. The Duke of Edinburgh, F.Z.S., June 19, 1869.
n. Presented by C. Clifton, Esq., Dec. 9, 1871.
o. Presented by J. Pritchard, Esq., Dec. 12, 1871.
p. Purchased, July 4, 1874.

784. *Aquila verreauxi*, Lesson. Vulturine Eagle.
Hab. South Africa.

a. Presented by E. L. Layard, Esq., F.Z.S., May 20, 1869. See P. Z. S. 1869, p. 407.

Genus Nisaetus.

785. *Nisaetus fasciatus* (Vieill.). Bonelli's Eagle.
Hab. Europe.

a, *b*. Purchased, June 2, 1868.
c. Presented by Major Howard Irby, May 14, 1872.
d. Deposited, June 7, 1872.
e. Purchased, March 5, 1873. From Morocco.
f, *g*. Deposited, Aug. 12, 1876.
h. Deposited, May 6, 1878.
i. Presented by Captain W. P. Forwood, Sept. 25, 1879.
j. Deposited, Feb. 23, 1882.

786. *Nisaetus pennatus* (Gm.). Booted Eagle.
Hab. Europe.

a. Presented by R. S. A. South, Esq., Dec. 5, 1865.
b. Presented by Major Howard Irby, May 31, 1870. From Southern Spain.
c. Purchased, Aug. 9, 1871.
d. Purchased, Oct. 5, 1879.

Genus Spizaetus.

787. *Spizaetus ornatus* (Daud.). Ornamented Hawk-Eagle.
Hab. South America.

a. Purchased, Dec. 17, 1867.
b. Female. Presented by Capt. Dow, F.Z.S., Sept. 27, 1869. From Costa Rica. See P. Z. S. 1869, p. 469.
c. Purchased, Oct. 17, 1881.

788. *Spizaetus tyrannus* (Max.). Tyrant Eagle.
Hab. South America.

a. Presented by Lord Lilford, F.Z.S., March 2, 1876.

789. *Spizaetus coronatus* (Linn.). Crowned Hawk-Eagle.
Hab. Senegal.

a. Male. Purchased, April 30, 1866.
b. Female. Purchased, Jan. 20, 1869.
c. Purchased, July 25, 1873.
d. Received in exchange, April 21, 1875.
e. Presented by Surgeon-Major S. Rowe, Sept. 18, 1876. From Rio Pongas.
f. Presented by Ida Costa Andrade, Esq., Dec. 18, 1878.

790. *Spizaetus ceylonensis* (Gm.). Ceylonese Hawk-Eagle.
Hab. Ceylon.

a. Presented by Capt. W. Vincent Legge, R.A., May 7, 1877.
b. Presented by G. Lyon Bennett, Esq., May 19, 1881.

791. *Spizaetus caligatus* (Raffl.). Malayan Hawk-Eagle.
Hab. Burmah.

a. Presented by H. Fielden, Esq., Nov. 21, 1873.

792. *Spizaetus orientalis*, Temm. et Schl. Japanese Hawk-Eagle.
Hab. Japan.

a. Presented by Harry Pryer, Esq., C.M.Z.S., Jan. 6, 1880. See P. Z. S. 1880, p. 67.

Genus Lophoaetus.

793. *Lophoaetus occipitalis* (Daud.). Black-crested Eagle.
Hab. Africa.

a. Presented by the late Edmund Gabriel, Esq., H.B.M.'s Commissioner at Loando, Angola, Oct. 4, 1860. From Angola.
b. Deposited, July 25, 1864. From South Africa. See P. Z. S. 1864, p. 374.
c. Purchased, Jan. 14, 1865.
d, *e*. Deposited, Nov. 22, 1865.
f. Purchased, Sept. 25, 1869.
g. Purchased, April 27, 1878.
h. Presented by E. A. Hartland, Esq., Sept. 23, 1881.

Genus Circaetus.

794. *Circaetus gallicus* (Gm.). Short-toed Eagle.

Hab. Southern Europe.

a. Presented by Capt. P. Perry, March 18, 1873. From Safli, Morocco. See P. Z. S. 1873, p. 434.
b. Deposited, Sept. 5, 1877.
c. Presented by H. M. Upcher, Esq., F.Z.S., March 21, 1878.

Genus Dryotriorchis.

795. *Dryotriorchis spectabilis* (Schl.). Beautiful Wood-Hawk.

Hab. West Africa.

a. Purchased, June 30, 1880. See P. Z. S 1880, p. 621, pl. LVIII. From Gaboon.

Genus Spilornis.

96. *Spilornis cheela* (Daud.). Cheela Eagle.

Hab. British India.

a. Presented by E. W. H. Holdsworth, Esq., F.Z.S., July 18, 1871. From Ceylon. See P. Z. S. 1871, p. 625.

797. *Spilornis bacha* (Daud.). Bacha Eagle.

Hab. Java, Sumatra, and Malacca.

a, *b*. Presented by A. Grote, Esq., F.Z.S., May 20, 1865. From the Andaman Islands. Received as typical specimens of *Hæmatornis elgini*, Tytler. See remarks, P. Z. S. 1865, p. 466, and 1871, p. 495.
c. Presented by J. S. Jameson, Esq., Aug. 3, 1878. From Labuan.

Subfamily IV. Accipitrinæ.

Genus Accipiter.

798. *Accipiter nisus* (Linn.). Sparrow-Hawk.

Hab. British Islands.

a. Presented by W. H. Allies, Esq., March 3, 1866.
b. Male; *c*. Female. Presented by R. B. Sharpe, Esq., Aug. 29, 1869.
d. Presented by T. Tax, Esq., June 14, 1871. From Norway.

Genus Circaetus.

794. *Circaetus gallicus* (Gm.). Short-toed Eagle.

Hab. Southern Europe.

a. Presented by Capt. P. Perry, March 18, 1873. From Safli, Morocco. See P. Z. S. 1873, p. 434.
b. Deposited, Sept. 5, 1877.
c. Presented by H. M. Upcher, Esq., F.Z.S., March 21, 1878.

Genus Dryotriorchis.

795. *Dryotriorchis spectabilis* (Schl.). Beautiful Wood-Hawk.

Hab. West Africa.

a. Purchased, June 30, 1880. See P. Z. S 1880, p. 621, pl. LVIII. From Gaboon.

Genus Spilornis.

96. *Spilornis cheela* (Daud.). Cheela Eagle.

Hab. British India.

a. Presented by E. W. H. Holdsworth, Esq., F.Z.S., July 18, 1871. From Ceylon. See P. Z. S. 1871, p. 625.

797. *Spilornis bacha* (Daud.). Bacha Eagle.

Hab. Java, Sumatra, and Malacca.

a, *b*. Presented by A. Grote, Esq., F.Z.S., May 20, 1865. From the Andaman Islands. Received as typical specimens of *Hæmatornis elgini*, Tytler. See remarks, P. Z. S. 1865, p. 466, and 1871, p. 495.
c. Presented by J. S. Jameson, Esq., Aug. 3, 1878. From Labuan.

Subfamily IV. Accipitrinæ.

Genus Accipiter.

798. *Accipiter nisus* (Linn.). Sparrow-Hawk.

Hab. British Islands.

a. Presented by W. H. Allies, Esq., March 3, 1866.
b. Male; *c*. Female. Presented by R. B. Sharpe, Esq., Aug. 29, 1869.
d. Presented by T. Tax, Esq., June 14, 1871. From Norway.

799. *Accipiter melanoleucus*, Smith. Black-and-white Sparrow-Hawk.

Hab. Africa.

a. Presented by Capt. Griffiths, Sept. 5, 1874. Captured at sea off Cape Verd.

Genus Melierax.

800. *Melierax polyzonus*, Rüpp. Many-zoned Hawk.

Hab. East Africa.

a. Purchased, Sept. 1859.
b. Purchased, Oct. 10, 1863.
c. Purchased, July 2, 1873.
d. Presented by Lord Lilford, F.Z.S., March 2, 1876.
e. Presented by C. H. Fisher, Esq., Aug. 17, 1878.
f. Purchased, Feb. 20, 1879.

801. *Melierax musicus* (Daud.). Chanting Hawk.

Hab. South Africa.

a. Purchased, Feb. 20, 1879, as *Melierax polyzonus*.

802. *Melierax monogrammicus* (Temm.). One-streaked Hawk.

Hab. West Africa.

a. Purchased, June 1861.
b. Purchased, Jan. 30, 1869.
c. Purchased, July 19, 1869.
d. Purchased, July 20, 1871.
e. Presented by Lord Lilford, F.Z.S., Sept. 11, 1872.
f, *g*. Purchased, July 7, 1876.
h. Received in exchange, March 21, 1878.

Genus Astur.

803. *Astur palumbarius* (Linn.). Goshawk.

Hab. Europe.

a, *b*. Deposited, Oct. 11, 1861.
c, *d*. Deposited, July 4, 1862.
e, *f*. Deposited, July 2, 1866.
g–i. Presented by R. James, Esq., July 24, 1871. From Norway.
j. Presented by Gerald Lascelles, Esq., March 3, 1874.
k. Deposited, March 3, 1874.
l. Presented by Capt. Salvin, July 3, 1882.
m, *n*. Presented by Dr. Rudolph Blasius, C.M.Z.S., Oct. 3, 1882.

804. *Astur novæ-hollandiæ* (Gm.). White Goshawk.

Hab. Australia.

a. Purchased, July 12, 1859.
b. Presented by Dr. Mueller of Melbourne, C.M.Z.S., Sept. 10, 1864.
c. Deposited, Dec. 5, 1868.
d. Purchased, June 15, 1870.
e. Presented by Major Spicer, F.Z.S., July 31, 1877.

805. *Astur approximans*, Vig. Allied Goshawk.

Hab. Australia.

a. Purchased, March 2, 1868.
b. Purchased, May 21, 1868.
c. Purchased, Jan. 17, 1876.
d. Purchased, June 17, 1879.

806. *Astur tibialis*, Verreaux. Gambian Goshawk.

Hab. West Africa.

a. Purchased, June 29, 1875.

Subfamily V. FALCONINÆ.

Genus FALCO.

807. *Falco peregrinus*, Tunst. Peregrine Falcon.

Hab. Europe.

a–*z*. See former editions.
a^1, b^1. Presented by Herbert Wood, Esq., F.Z.S., Sept. 12, 1874.
c^1. Presented by A. F. Ross, Esq., Dec. 18, 1874.
d^1. Presented by H. J. Watson, Esq., June 29, 1875.
e^1. Purchased, Dec. 16, 1875. Captured at sea off San Domingo.
f^1, g^1. Presented by H. Wood, Esq., F.Z.S., July 1, 1876.
h^1. Purchased, Oct. 31, 1876. From Coast of Yucatan.
i^1. Presented by C. Newburn, Esq., Nov. 10, 1876.
j. Presented A. Whyte, Esq., Nov. 22, 1876.
k^1. Presented by the Rev. W. Willimott, Sept. 22, 1877.
l^1, m^1. Presented by Darill Stephens, Esq., Oct. 3, 1877.
n^1–r^1. Presented by Sir Matthew W. Ridley, Bart., Oct. 6 1879. Scotland.
s^1. Presented by F. R. Hayes, Esq., Feb. 11, 1880. From Newfoundland.

t[1]. Presented by Col. A. Brooksbank, Aug. 10, 1882.
u[1]. Presented by T. Brown, Esq., Aug. 11, 1882. Captured at sea off Ceylon.
v[1]. Deposited, Nov. 15, 1882.

808. *Falco biarmicus*, Temm. Bearded Falcon.

Hab. South Africa.

a. Presented by Capt. Perry, March 15, 1875. Captured at sea. See P. Z. S. 1875, p. 316.

809. *Falco barbarus*, Linn. Barbary Falcon.

Hab. North Africa.

a. Purchased, July 27, 1864.
b. Deposited, Nov. 27, 1879.

810. *Falco lanarius*, Schleg. Lanner Falcon.

Hab. Eastern Europe.

a. Presented by J. H. Cochrane, Esq., F.Z.S., April 27, 1863.
b. Deposited, July 30, 1866.
c. Male. Purchased, Oct. 9, 1867.
d. Purchased, April 8, 1870.
e. Deposited, June 14, 1870. From Algeria.
f, *g*. Deposited, June 28, 1873.
h. Purchased, June 27, 1874.
i. Deposited, Aug. 4, 1879.
j, *k*. Deposited, Nov. 18, 1879.
l. Male. Presented by Mr. Battersby, April 12, 1882. Captured in the Red Sea.
m. Presented by J. E. Harting, Esq., F.Z.S., April 20, 1882.

811. *Falco jugger*, Gray. Jugger Falcon.

Hab. India.

a. Presented by His Highness the Prince Duleep Singh, K.S.I., F.Z.S., May 17, 1865.
b. Presented by W. Jeffreys, Esq., jun., July 15, 1868.

812. *Falco sacer*, Gm. Saker Falcon.

Hab. Western Asia.

a. Received in exchange, March 6, 1863.
b. Deposited, Sept. 10, 1866.
c. Presented by Mrs. A. Coote, Nov. 7, 1877.

813. *Falco subbuteo,* Linn. Hobby.

Hab. British Islands.

a. Purchased, Jan. 15, 1866.
b. Presented by J. E. Harting, Esq., F.Z.S., July 26, 1866.
c, d. Deposited, July 30, 1866.
e. Purchased, June 12, 1867.
f. Purchased, July 26, 1873.
g. Purchased, June 16, 1875.
h. Deposited, July 12, 1875.
i. Presented by S. Baton, Esq., Feb. 4, 1876. Captured in the Red Sea.
j. Presented by J. Barnet, Esq., March 21, 1876.
k. Presented by W. Renney, Esq., Dec. 5, 1877.
l. Presented by W. Scratton, Esq., Aug. 5, 1878.

814. *Falco eleonoræ,* Gené. Elenora Falcon.

Hab. South Europe and North Africa.

a, b. Presented by Capt. Thomas Waite, Oct. 7, 1868. From Mogadore. See P. Z. S. 1868, p. 567.
c. Deposited, July 11, 1874.

815. *Falco concolor,* Temm. Ash-coloured Falcon.

South-eastern Africa.

a. Presented by A. F. Allman, Esq., March 3, 1876. Captured at sea, in the Mozambique Channel. See P. Z. S. 1876, p. 333.

816. *Falco rufigularis,* Daud. Rufous-throated Falcon.

Hab. South America.

a. Purchased, March 8, 1864. See P. Z. S. 1864, p. 188.

817. *Falco æsalon,* Linn. Merlin.

Hab. Europe.

a. Presented by Joseph Wolf, Esq., F.Z.S., May 25, 1871.
b. Presented by Dr. A. Günther, F.Z.S., March 14, 1872.
c. Purchased, Oct. 23, 1876.

818. *Falco columbarius,* Linn. Pigeon-Hawk.

Hab. North America.

a. Purchased, Sept. 18, 1866.
b. Presented by Capt. David Herd, C.M.Z.S., Oct. 19, 1870.

Genus Hierofalco.

819. *Hierofalco candicans* (Gm.). Greenland Falcon.

Hab. Greenland.

a. Purchased, 1859.
b. Purchased, April 27, 1868.
c. Purchased, Feb. 29, 1876.
d. Purchased, Sept. 30, 1882.

820. *Hierofalco islandus* (Gm.). Iceland Falcon.

Hab. Iceland.

a. Presented by Major Delmé Radcliffe, May 4, 1862.
b, *c*. Deposited, June 11, 1866.
d. Purchased, March 20, 1867.
e. Female. Purchased, April 14, 1869.
f. Deposited, Aug. 24, 1872.
g. Received in exchange, March 7, 1873.

Genus Hieracidea.

821. *Hieracidea berigora* (Vig. et Horsf.). Berigora Hawk.

Hab. Australia.

a. Purchased, July 1861. See P. Z. S. 1861, p. 366.
b. Purchased, Feb. 14, 1864.
c. Purchased, April 10, 1865.
d. Purchased, July 18, 1874.
e. Presented by Major Spicer, F.Z.S., July 31, 1877.

822. *Hieracidea novæ-seelandiæ* (Gm.). New-Zealand Hawk.

Hab. New Zealand.

a. Presented by the Acclimatization Society of Canterbury, New Zealand, May 9, 1866.
b. Presented by J. M. Imade, Esq., July 1, 1869.

Genus Tinnunculus.

823. *Tinnunculus alaudarius* (Gm.). Kestrel.

Hab. British Islands.

a–*z*. See former editions.
a^1. Presented by Mr. J. Page, Oct. 19, 1874.
b^1. Presented by Miss Truefitt, Nov. 16, 1874.

c^1. Presented by E. M. Burton, Esq., Aug. 3, 1875.
d^1. Presented by J. H. Willmore, Esq., Oct. 11, 1875.
e^1. Presented by S. Baton, Esq., Feb. 4, 1876.
f^1–h^1. Presented by H. Knight, Esq., July 28, 1876.
i^1. Presented by W. W. Hughes, Esq., F.Z.S., Feb. 20, 1877.
j^1. Presented by Mr. A. Lidbury, June 21, 1877.
k^1. Presented by A. Blumenthal, Esq., March 14, 1878.
l^1–n^1. Presented by the Rev. J. E. Campbell Colquhoun, Aug. 5, 1879.
o^1. Presented by Mr. R. Moon, Aug. 26, 1879.
p^1. Presented by J. Young, Esq., Oct. 8, 1880.
q^1, r^1. Presented by Mr. J. Edwards, Aug. 24, 1881.
s^1. Presented by W. K. Stanley, Oct. 11, 1881.
t^1, u^1. Presented by Masters J. and C. Godfrey, Oct. 20, 1881.
v^1. Presented by Mr. A. Lidbury, Nov. 26, 1881.
w^1, x^1. Presented by F. Ussher, Esq., Dec. 9, 1881.

824. *Tinnunculus cenchris* (Naum.). Lesser Kestrel.

Hab. Southern Europe.

a, *b*. Purchased, May 29, 1875.
c. Presented by W. Brodrick, Esq., June 25, 1881.

825. *Tinnunculus cenchroides* (Vig.). Nankeen Kestrel.

Hab. Australia.

a, *b*. Purchased, March 2, 1868.

826. *Tinnunculus sparverius* (Linn.). American Kestrel.

Hab. America.

a. Purchased, Aug. 29, 1874.
b. Purchased, Jan. 30, 1878.
c. Purchased, July 14, 1879. From San Domingo.
d, *e*. Purchased, June 30, 1880.

827. *Tinnunculus vespertinus* (Linn.). Red-footed Falcon.

Hab. Southern Europe.

a. Purchased, Sept. 19, 1864. From the Lower Danube.
b. Male; *c*. Female. Received, Sept. 10, 1866.
d. Deposited, July 1, 1869.
e–*i*. Purchased, May 21, 1874.

Subfamily VI. Milvinæ.

Genus Milvus.

828. *Milvus ictinus*, Sav. Kite.

Hab. Europe.

a. Purchased, Jan. 13, 1860.
b. Presented by the late King of Portugal, F.Z.S., Aug. 3, 1860.
c. Presented by Henry Oakley, Esq., R.N., July 5, 1863.
d. Presented by Howard Saunders, Esq., F.Z.S., Nov. 12, 1866.
e. Presented by the Rev. T. P. Powell, May 2, 1875.

829. *Milvus ægyptius* (Gm.). Egyptian Kite.

Hab. Africa.

a. Presented by the Hon. Mrs. Stewart, Dec. 16, 1861. From Lake Menzaleh, Egypt.
b. Purchased, Oct. 30, 1863. From West Africa.
c–e. Purchased, June 16, 1864. From Egypt.
f. Presented by his Excellency Governor Ussher, March 19, 1872. From West Africa.
g. Purchased, April 3, 1873.
h, *i*. Presented by H. F. Blissett, Esq., June 10, 1873.
j, *k*. Presented by A. Bells, Esq., June 19, 1879.

830. *Milvus migrans* (Bodd.). Black Kite.

Hab. Europe, Africa, and Asia.

a. Purchased, Sept. 7, 1860. From Germany.
b. Presented by G. B. Bird, Esq., May 26, 1861. From North China.
c. Purchased, July 12, 1861. From Germany.
d. Bred in the Gardens, June 27, 1864. See P. Z. S. 1864, p. 374.
e. Presented by R. M. Young, Esq., May 17, 1865.
f. Bred in the Gardens, June 20, 1866.
g. Bred in the Gardens, June 21, 1867.
h. Deposited, Aug. 15, 1872.
i. Purchased, April 3, 1873.
j. Presented by Theo. W. Hance, Esq., Sept. 15, 1882.

831. *Milvus govinda*, Sykes. Indian Kite.

Hab. Eastern Asia.

a. Presented by Henry Markmann, Esq., Jan. 4, 1871.
b. Presented by the Rev. S. R. Wilkinson, April 23, 1875.
c. Presented by Captain Murray, May 6, 1879.
d. Presented by G. H. Tod Heatley, Esq., F.Z.S., Dec. 22, 1881.
e. Presented by Mrs. C. Wilkins, Nov. 3, 1882.

832. *Milvus isurus* (Gould). Long-winged Kite.

Hab. Australia.

a. Purchased, May 27, 1867. See P. Z. S. 1867, p. 687.

Genus Baza.

833. *Baza lophotes* (Temm.). Crested Black Kite.

Hab. India.

a–c. Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

Genus Elanus.

834. *Elanus scriptus*, Gould. Letter-winged Kite.

Hab. King George's Sound, West Australia.

a. Presented by E. St. Jean, Esq., May 29, 1865. See P. Z. S. 1865, p. 466.

Subfamily VII. Herpetotherinæ.

Genus Herpetotheres.

835. *Herpetotheres cachinnans*, Linn. Laughing Falcon.

Hab. Brazil.

a. Purchased, June 30, 1874.
b. Purchased, Dec. 1, 1879.

Subfamily VIII. Polyborinæ.

Genus Milvago.

836. *Milvago australis* (Gm.). Forster's Milvago.
Hab. Falkland Islands.

a. Purchased, Jan. 6, 1859.
b, *c*. Deposited, Sept. 2, 1862.
d. Deposited, May 29, 1867.
e, *f*. Obtained by the Society's Collector, Aug. 24, 1868.
g. Presented by Capt. Dyer, Sept. 7, 1868.
h–*l*. Purchased, June 22, 1870.
m. Received in exchange, June 22, 1870.
n. Presented by Capt. Macey, June 22, 1870.
o–*s*. Purchased, July 13, 1870.
t. Presented by Capt. Macey, July 13, 1870.
u, *v*. Presented by Lord Lilford, F.Z.S., March 8, 1876.
w. Presented by Dr. A. M. M°Aldouie, Nov. 20, 1882.

837. *Milvago megalopterus* (Meyen). Long-winged Milvago.
Hab. Chili.

a, *b*. Purchased, May 16, 1871. See P. Z. S. 1871, p. 545.

838. *Milvago chimango* (Vieill.). Brown Milvago.
Hab. South America.

a. Purchased, Nov. 8, 1851.
b–*d*. Presented by G. Wilks, Esq., C.M.Z.S., March 5, 1868. From La Plata.
e. Presented by G. Wilks, Esq., C.M.Z.S., April 20, 1870.
f. Purchased, July 16, 1877.

839. *Milvago chimachima* (Vieill.). Chimachima Milvago.
Hab. Brazil.

a. Purchased, Jan. 20, 1874.
b. Purchased, April 14, 1875.
c. Purchased, June 12, 1875.
d. Presented by G. H. Hawtayne, Esq., C.M.Z.S., June 17, 1882.
e, *f*. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Sept. 18, 1882.

Genus Polyborus.

840. *Polyborus brasiliensis* (Gm.). Brazilian Caracara.

Hab. South America.

a. Presented by the late Hugh Cuming, Esq., C.M.Z.S., Oct. 10, 1831.
b. Purchased, Oct. 29, 1863.
c, *d*. Presented by G. Wilks, Esq., C.M.Z.S., April 20, 1870. From Buenos Ayres.
e. Presented by Dr. Palin, C.M.Z.S., June 17, 1871. From Brazil.
f–*h*. Presented by Mr. W. Petty, Jan. 18, 1876.
i, *j*. Presented by Lord Lilford, F.Z.S., March 2, 1876. White varieties. See P. Z. S. 1876, p. 333, and 1878, p. 232.
k. Presented by Miss Amslie, May 27, 1878.
l. Purchased, July 29, 1878.

Subfamily IX. Vulturinæ.

Genus Vultur.

841. *Vultur monachus*, Linn. Cinereous Vulture.

Hab. Europe.

a. Purchased, Nov. 8, 1851.
b. Purchased, Aug. 27, 1862.
c. Presented by G. F. Moss, Esq., Nov. 6, 1867.
d. Presented by Sir S. Lakeman, Nov. 19, 1867. From Turkey.
e. Received in exchange, March 22, 1872.
f. Deposited, Nov. 13, 1879.
g. Presented by Capt. A. Alexander, R.E., May 7, 1880. From Cyprus.

842. *Vultur calvus*, Scop. Pondicherry Vulture.

Hab. India.

a, *b*. Purchased, May 20, 1865. See P. Z. S. 1865, p. 675.
c, *d*. Purchased, July 2, 1875.

843. *Vultur auricularis*, Daud. Sociable Vulture.

Hab. Africa.

a. Purchased, March 28, 1850. From Eastern Africa. See P. Z. S. 1865, p. 675.

b. Purchased, March 25, 1865. From Natal. See P. Z. S. 1865, p. 675.
c. Deposited, March 7, 1866.
d. Presented by J. J. Monteiro, Esq., C.M.Z.S., April 11, 1870. From Angola.
e. Presented by C. A. Fairbridge, Esq., Feb. 8, 1872.
f. Presented by J. C. Hobbs, Esq., Feb. 17, 1876.
g. Deposited, Sept. 18, 1879. From South Africa.
h. Purchased, July 15, 1882.

844. *Vultur occipitalis*, Burch. Occipital Vulture.
Hab. Africa.

a. Purchased, Aug. 19, 1865.

Genus Gyps.

845. *Gyps fulvus* (Gm.). Griffon Vulture.
Hab. Europe.

a. Presented by Col. Harding, Sept. 12, 1855. From the Crimea.
b. Presented by Cuthbert Wigham, Esq., July 26, 1856.
c. Presented by Rees Williams, Esq., June 10, 1862.
d–g. Presented by Lord Londesborough, F.Z.S., April 1, 1863.
h. Presented by R. H. Holdsworth, Esq., F.Z.S., Jan. 20, 1866. From Portugal.
i. Presented by Sir S. Lakeman, Nov. 19, 1867. From Turkey.
j. Deposited, Jan. 24, 1870. From Mount Lebanon.
k, *l*. Presented by A. J. C. White, Esq., Dec. 6, 1873.
m. Deposited, Feb. 2, 1874.
n. Presented by Saville Reid, Esq., F.Z.S., June 7, 1874.

846. *Gyps kolbii* (Daud.). Kolbe's Vulture.
Hab. Africa.

a. Purchased, July 15, 1882.

847. *Gyps rüeppelli*, Bp. Rüppell's Vulture.
Hab. Eastern Africa.

a. Purchased, March 16, 1865. See P. Z. S. 1865, p. 675.

848. *Gyps bengalensis* (Gm.). Bengal Vulture.
Hab. India.

a. Presented by Capt. Th. Leportier, Jan. 28, 1882.

Genus Neophron.

849. *Neophron percnopterus* (Linn.). Egyptian Vulture.

Hab. Africa and India.

a. Presented by Edmund R. Wodehouse, Esq., April 30, 1863. From the Cape Colony. Specimen noticed, P. Z. S. 1865, p. 675.
b. Purchased, May 20, 1865. From India. Specimen noticed, P. Z. S. 1865, p. 675.
c. Deposited, Aug. 15, 1872.
d. Purchased, July 22, 1873.
e. Presented by S. G. Reid, Esq., and Lieut. Denison, R.E., Aug. 20, 1873.
f. Deposited, Aug. 14, 1876.
g. Deposited, Sept. 7, 1877.

850. *Neophron pileatus* (Burch.). Pileated Vulture.

Hab. West Africa.

a. Male; *b*. Female. Purchased, March 16, 1865.
c. Purchased, Aug. 2, 1869.

Subfamily X. Gypohieracinæ.

Genus Gypohierax.

851. *Gypohierax angolensis* (Gm.). Angolan Vulture.

Hab. West Africa.

a. Purchased, Aug. 18, 1864.
b. Presented by John Montague Grant, Esq., Aug. 30, 1866.
c. Purchased, June 27, 1867.
d, *e*. Purchased, June 29, 1870.
f. Presented by H. J. Blissett, Esq., July 4, 1872.
g, *h*. Presented by the late H. Ansell, Esq., C.M.Z.S., May 27, 1875.
i. Presented by Lieut. V. L. Cameron, April 4, 1876. See P. Z. S. 1876, p. 413.
j. Presented by Mr. J. A. Solomons, Sept. 7, 1877.
k. Purchased, April 15, 1882.

Subfamily XI. GYPAETINÆ.

Genus GYPAETUS.

852. *Gypaetus barbatus* (Linn.). European Bearded Vulture.

Hab. Europe.

a. Purchased, Aug. 25, 1870. From Southern Spain. Taken from a nest between Ronda and Malaga in May 1870, by a collector employed by Mr. Howard Saunders, F.Z.S.
b. Deposited, May 15, 1878.
c. Presented by Lord Lilford, F.Z.S., July 14, 1879.
d. Deposited, Sept. 3, 1879.

853. *Gypaetus meridionalis*, Keys. et Bl. Southern Bearded Vulture.

Hab. North-eastern Africa.

a. Received in exchange, Oct. 4, 1851.

Family SERPENTARIIDÆ.

Genus SERPENTARIUS.

854. *Serpentarius reptilivorus*, Daud. Secretary Vulture.

Hab. South Africa.

a. Deposited, Aug. 21, 1866.
b. Deposited, April 23, 1867.
c. Purchased, May 21, 1868.
d, *e*. Purchased, April 14, 1869.
f. Presented by J. S. Mackenzie, Esq., April 15, 1869.
g, *h*. Purchased, May 20, 1869.
i, *j*. Deposited, April 22, 1870.
k, *l*. Purchased, Jan. 21, 1873.
m. Deposited, March 6, 1876.
n, *o*. Deposited, April 8, 1876.
p, *q*. Presented by M. C. Angel, Esq., May 11, 1876.
r, *s*. Presented by Capt. Larmer, Jan. 9, 1877.
t. Presented by Messrs. W. Rigg & J. Curtiss, March 16, 1878.
u, *v*. Presented by C. Rivers Wilson, Esq., C.B., Sept. 19, 1878.
w. Presented by Dr. Holub, Sept. 18, 1879. Cradock, Cape Colony.
x. Presented by James S. Jameson, Esq., May 19, 1881.

Subfamily XI. GYPAETINÆ.

Genus GYPAETUS.

852. *Gypaetus barbatus* (Linn.). European Bearded Vulture.

Hab. Europe.

a. Purchased, Aug. 25, 1870. From Southern Spain. Taken from a nest between Ronda and Malaga in May 1870, by a collector employed by Mr. Howard Saunders, F.Z.S.
b. Deposited, May 15, 1878.
c. Presented by Lord Lilford, F.Z.S., July 14, 1879.
d. Deposited, Sept. 3, 1879.

853. *Gypaetus meridionalis*, Keys. et Bl. Southern Bearded Vulture.

Hab. North-eastern Africa.

a. Received in exchange, Oct. 4, 1851.

Family SERPENTARIIDÆ.

Genus SERPENTARIUS.

854. *Serpentarius reptilivorus*, Daud. Secretary Vulture.

Hab. South Africa.

a. Deposited, Aug. 21, 1866.
b. Deposited, April 23, 1867.
c. Purchased, May 21, 1868.
d, *e*. Purchased, April 14, 1869.
f. Presented by J. S. Mackenzie, Esq., April 15, 1869.
g, *h*. Purchased, May 20, 1869.
i, *j*. Deposited, April 22, 1870.
k, *l*. Purchased, Jan. 21, 1873.
m. Deposited, March 6, 1876.
n, *o*. Deposited, April 8, 1876.
p, *q*. Presented by M. C. Angel, Esq., May 11, 1876.
r, *s*. Presented by Capt. Larmer, Jan. 9, 1877.
t. Presented by Messrs. W. Rigg & J. Curtiss, March 16, 1878.
u, *v*. Presented by C. Rivers Wilson, Esq., C.B., Sept. 19, 1878.
w. Presented by Dr. Holub, Sept. 18, 1879. Cradock, Cape Colony.
x. Presented by James S. Jameson, Esq., May 19, 1881.

Family CATHARTIDÆ.

Genus Cathartes.

855. *Cathartes atratus* (Bartr.). Black Vulture.

Hab. America.

a, *b*. Presented by Dr. H. B. Holbeck, of Charleston, U.S.A., July 25, 1861.
c, *d*. Purchased, July 16, 1872. From Central America.
e, *f*. Purchased, May 15, 1873. From Colon.
g, *h*. Presented by L. T. Lovesy, Esq., July 14, 1873.
i, *j*. Purchased, July 18, 1877.
k. Purchased, Dec. 14, 1877.
l. Purchased, Jan. 30, 1878.
m. Purchased, July 29, 1878.

856. *Cathartes aura* (Linn.). Turkey Vulture.

Hab. America.

a. Purchased, May 28, 1864.
b, *c*. Purchased, March 23, 1877.

857. *Cathartes californianus* (Shaw). Californian Vulture. (Fig. 47.)

Hab. Monterey, California.

a. Presented by Colbert A. Canfield, M.D., C.M.Z.S., June 22, 1866. See P. Z. S. 1866, p. 366.

Genus Sarcorhamphus.

858. *Sarcorhamphus gryphus* (Linn.). Condor Vulture.

Hab. South America.

a. Male. Purchased, 1853.
b. Female. Purchased, April 29, 1856.
c. Male. Purchased, July 6, 1870. From Chili. See P. Z. S. 1870, p. 665.
d. Male. Deposited, Aug. 26, 1872.
e. Male. Presented by Lieut. L. Clive Strachey, R.N., March 15, 1873. From Western Peru.
f. Presented by J. T. North, Esq., June 13, 1877.

Fig. 47.

Cathartes californianus. (P. Z. S. 1866, p. 366.)

Genus Gypagus.

859. *Gypagus papa* (Linn.). King Vulture.
Hab. Tropical America.

a. Male. Presented by the late King of Portugal, F.Z.S., Nov. 16, 1856.
b. Female. Presented by W. D. Christie, Esq., F.Z.S.,

May 13, 1857. For notice of egg of this bird see P. Z. S. 1860, p. 193.
c, *d*. Presented by Josiah Booker, Nov. 29, 1865. From Demerara.
e. Purchased, Jan. 19, 1869.
f. Purchased, May 8, 1869.
g. Purchased, June 25, 1870.
h. Purchased, Oct. 16, 1872.
i. Presented by P. Stewart, Esq., Dec. 20, 1872.
j. Deposited, July 23, 1874.
k. Presented by G. J. Brunnschweiler, Esq., Sept. 17, 1874.
l. Presented by Mariano Billinghurst, Esq., Jan. 18, 1875.
m. Purchased, July 20, 1876.
n. Purchased, May 4, 1880.
o. On approval, Aug. 23, 1880.
p. Presented by F. Yeale, Esq., March 21, 1882. From the Province of Alagoas, Brazil.

Order VI. STEGANOPODES.

Family PELECANIDÆ.

Genus Pelecanus *.

860. *Pelecanus onocrotalus*, Linn. White Pelican.

Hab. Southern Europe and North Africa.

a. Purchased, April 22, 1851. From Egypt.
b. Purchased, July 9, 1852. From Egypt.
c. Purchased, April 12, 1853. From Egypt.
d. Presented by E. T. Rogers, Esq., C.M.Z.S., H.B.M. Acting Consul at Beyrout, Syria, Feb. 3, 1868. See P. Z. S. 1868, p. 265.
e. Presented by A. C. Henderson, Esq., April 25, 1877.
f. Presented by J. Simonds, Esq., June 6, 1880.
g. Presented by C. J. Bolau, Esq., June 2, 1882.

---

* On the Pelicans in the Society's Gardens, see Sclater, P. Z. S. 1868, p. 264, and 1871, p. 631.

861. *Pelecanus mitratus*, Licht. Mitred Pelican.

Hab. India and Africa.

a, *b*. Presented by the Babu Rajendra Mullick, C.M.Z.S., August 6, 1867. From India. See P. Z. S. 1868, p. 266.
c. Presented by Dr. Holub, Sept. 18, 1879. From Orange Free State, South Africa.

862. *Pelecanus crispus*, Feldegg. Crested Pelican.

Hab. Southern Europe.

a. Purchased, Sept. 26, 1853. See P. Z. S. 1868, p. 267.
b, *c*. Received in exchange, Dec. 4, 1868.
d, *e*. Received in exchange, March 22, 1872.
f. Presented by Dr. Doyle, April 10, 1873.

863. *Pelecanus rufescens*, Lath. Red-backed Pelican.

Hab. West Africa.

a. Purchased, May 18, 1866. Specimen figured, P. Z. S. 1868, p. 267, pl. xxvi. fig. 1.
b, *c*. Purchased, May 5, 1868. Specimen figured, P. Z. S. 1868, p. 267, pl. xxvi. fig. 2.
d, *e*. Purchased, July 21, 1880.

864. *Pelecanus fuscus*, Linn. Brown Pelican.

Hab. West Indies.

a. Presented by Capt. Abbott, July 18, 1854. Specimen described and figured, P. Z. S. 1868, p. 268, pl. xxv.
b. Presented by Capt. Dow, May 30, 1869. See P. Z. S. 1869, p. 408.
c. Purchased, Nov. 6, 1877. See P. Z. S. 1877, p. 805.

865. *Pelecanus conspicillatus*, Gould. Australian Pelican.

Hab. Australia.

a. Purchased, April 10, 1864. See P. Z. S. 1864, p. 158, and 1868, p. 268.
b, *c*. Presented by the Acclimatization Society of Victoria, June 27, 1864. See P. Z. S. 1868, p. 268.

Family FREGATIDÆ.

Genus Fregata.

866. *Fregata aquila* (Linn.). Great Frigate-bird.

Hab. America.

a, *b*. Presented by Capt. J. M. Dow, F.Z.S., Aug. 28, 1871. From the Bay of Fonseca, Honduras. See P. Z. S. 1871, p. 626.
c. Purchased, March 6, 1876.
d. Purchased, Jan. 24, 1879. From Pernambuco.
e. Presented by the Rev. G. Bayldon, Oct. 16, 1880. From Fernando de Noronha.

Family PHALACROCORACIDÆ.

Genus Sula.

867. *Sula bassana* (Linn.). Gannet.

Hab. British Islands.

a. Presented by J. J. Broadwood, Esq., July 13, 1864.
b. Deposited, April 13, 1866.
c. Presented by G. S. Patey, Esq., Sept. 24, 1868.
d. Presented by W. H. Scratten, Esq., Sept. 8, 1870.
e. Presented by Mr. E. Frith, April 6, 1872.
f. Presented by J. Foster, Esq., Sept. 12, 1872.
g. Presented by R. Beveridge, Esq., Sept. 21, 1872.
h. Presented by A. Sanderson, Esq., Oct. 17, 1872.
i. Presented R. B. R. Norman, Esq., Oct. 5, 1874.
j, *k*. Presented by Lieut.-Col. Dugmore, Jan. 20, 1876.
l. Presented by R. H. W. Leach, Esq., Nov. 22, 1876.
m. Presented by S. N. Sharpe, Esq., Aug. 7, 1877.
n. Presented by A. Anderson, Esq., Oct. 25, 1877.
o. Presented by E. F. Adams, Esq., Feb. 2, 1879.
p. Purchased, May 21, 1880.
q. Presented by George Edson, Esq., Sept. 2, 1880.
r. Presented by Mr. G. Randall, April 9, 1881.

868. *Sula leucogastra* (Bodd.). Brown Gannet.

Hab. South America.

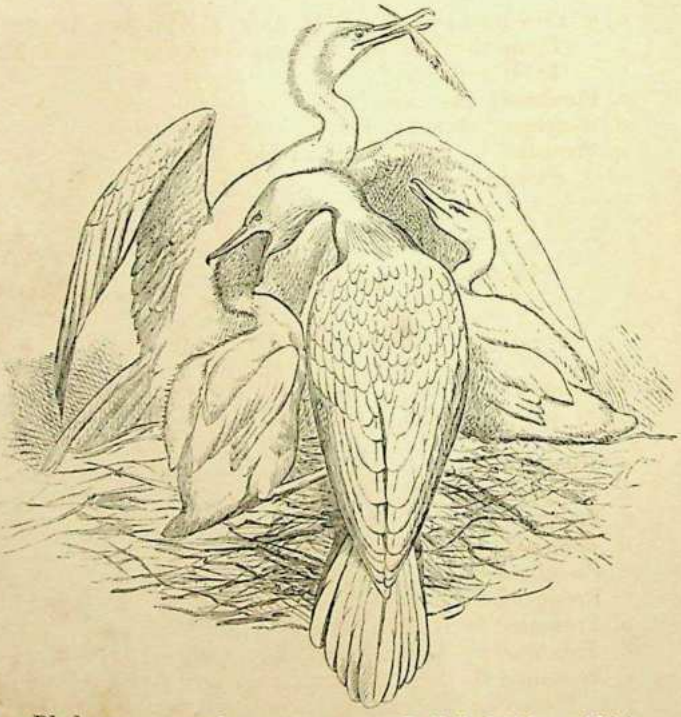
a, *b*. Presented by J. C. Hussey, Esq., Aug. 16, 1875. From Port Lemon, Costa Rica. See P. Z. S. 1875, p. 529.
c. Purchased, Oct. 25, 1882.

Genus PHALACROCORAX.

869. *Phalacrocorax carbo* (Linn.). Common Cormorant. (Fig. 48.)

Hab. British Islands.

Fig. 48.



Phalacrocorax carbo and young. (P. Z. S. 1882, p. 458.)

a. Presented by Sir Henry Stracey, Bart., F.Z.S., Dec. 1, 1852.
b. Purchased, Sept. 26, 1853. From Egypt.
c. Presented by Capt. Salvin, June 17, 1867.
d, *e*. Deposited, Aug. 30, 1870.
f, *g*. Deposited, July 2, 1872.
h, *i*. Deposited, June 8, 1874.
j, *k*. Received in exchange, July 8, 1876.
l–*n*. Purchased, Sept. 29, 1877.
o. Presented by the Lord Braybrooke, F.Z.S., May 3, 1878.
p. Presented by W. Thompson, Esq., June 17, 1878.
q, *r*. Presented by E. Banks, Esq., June 22, 1878.

s, *t*. Presented by F. Buckland, Esq., Nov. 28, 1878.
u. Deposited, Aug. 19, 1880.
v, *w*. Deposited, Sept. 26, 1881.
x, *y*. Bred in the Gardens, April 21, 1882.
z, *a*^{1}. Deposited, Oct. 31, 1882.

870. *Phalacrocorax graculus* (Linn.). Shag.
Hab. British Islands.

a. Purchased, July 28, 1882. From Cornwall.
b, *c*. Purchased, Aug. 8, 1882. From Cornwall.

871. *Phalacrocorax lugubris*, Rüpp. Mournful Cormorant.
Hab. West Africa.

a. Purchased, Aug. 19, 1865.

872. *Phalacrocorax brasilianus* (Gm.). Brazilian Cormorant.
Hab. South America.

a–*d*. Purchased, Sept. 29, 1876.
e–*h*. Purchased, Nov. 17, 1876. See P. Z. S. 1876, p. 776.

Family PLOTIDÆ.

Genus Plotus.

873. *Plotus anhinga*, Linn. American Darter. (Fig. 49.)
Hab. Brazil.

a. Purchased, Dec. 28, 1872. From Maranham. See P. Z. S. 1873, p. 3.
b. Purchased, Sept. 30, 1875. See P. Z. S. 1875, p. 530.
c–*f*. Purchased, Sept. 29, 1876. See P. Z. S. 1876, p. 696.
g. Purchased, Aug. 30, 1877.
h, *i*. Presented by Gerald Waller, Esq., July 18, 1880.
j. Purchased, Dec. 18, 1880.

874. *Plotus levaillanti*, Licht. Levaillant's Darter.
Hab. West Africa.

a. Purchased, March 9, 1878. See P. Z. S. 1878, p. 378.

Fig. 49.

Plotus anhinga. (P. Z. S. 1873, p. 2.)

875. *Plotus melanogaster*, Gm. Indian Darter.

Hab. India.

a. Received in exchange from the Zoological Gardens, Calcutta, April 8, 1881.

Order VII. HERODIONES.

Family ARDEIDÆ.

Genus Ardea.

876. *Ardea cinerea,* Linn. Heron.

Hab. Europe.

a. Presented by Lord Lilford, F.Z.S., Aug. 1, 1855.
b. Presented by the Hon. C. A. Ellis, F.Z.S., Oct. 15, 1859.
c. Presented by Dr. A. Günther, F.Z.S., June 18, 1865.
d. Presented by W. M. Wyllie, Esq., Aug. 1, 1865.
e. Presented by J. Lane, Esq., Sept. 19, 1865.
f. Presented by J. G. Chipchase, Esq., March 9, 1868.
g. Presented by Mr. Alderman and Sheriff Cotton, May 18, 1869.
h. Presented by Capt. Salvin, June 7, 1870.
i. Presented by A. Yates, Esq., Oct. 19, 1870.
j. Presented by E. V. Harcourt, Esq., June 7, 1872.
k. Presented by A. Adie, Esq., Jan. 20, 1873.
l. Presented by A. Brooksbank, Esq., Aug. 12, 1873.
m. Presented by H. C. Tait, Esq., C.M.Z.S., Jan. 13, 1874. From W. Africa.
n. Presented by L. Smythe, Esq., Oct. 2, 1875.
o. Presented by C. Clifton, Esq., F.Z.S., Dec. 6, 1877.
p. Deposited, July 14, 1880.
q, r. Presented by Reginald H. Rabbetts, Esq., Nov. 15, 1882.
s. Presented by W. H. Henderson, Esq., Dec. 19, 1882.

877. *Ardea herodias,* Linn. Great American Heron.

Hab. Central America.

a. Purchased, May 17, 1882. Captured at sea off Cuba.

878. *Ardea atricollis,* Wagl. Black-necked Heron.

Hab. Cape Colony.

a, b. Presented by Capt. Coxwell, Feb. 8, 1872.
c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Feb. 20, 1882.

879. *Ardea cocoi*, Linn. Cocoi Heron.
Hab. America.

a. Purchased, May 28, 1864.
b. Presented by J. M. Barton, Esq., C.M.Z.S., July 13, 1866.
c. Presented by G. Dawson Rowley, Esq., F.Z.S., March 6, 1872.
d. Purchased, April 11, 1873.
e. Presented by Col. Nixon, July 4, 1878. Persia.

880. *Ardea goliath*, Temm. Goliath Heron.
Hab. Africa.

a. Purchased, June 14, 1865.
b. Purchased, June 13, 1866.
c. Presented by F. G. Mercer, Esq., Sept. 5, 1867.

881. *Ardea sumatrana*, Raffles. Typhon Heron.
Hab. Malacca.

a. Presented by A. Grote, Esq., C.M.Z.S., June 2, 1868.

882. *Ardea purpurea*, Linn. Purple Heron.
Hab. Europe.

a–d. Received in exchange, Oct. 21, 1861.
e, *f*. Presented by F. Bond, Esq., F.Z.S., June 25, 1871.
g. Purchased, May 30, 1882.

Ardea ludoviciana, Wilson. Lousianian Heron.
Hab. Central America.

a. Purchased, Sept. 3, 1880.

884. *Ardea alba*, Linn. Great White Heron.
Hab. Europe.

a, *b*. Purchased, Nov. 28, 1865.

885. *Ardea egretta*, Gm. Great American Egret.
Hab. America.

a. Purchased, March 8, 1864. From Para.
b. Purchased, April 13, 1870.
c. On approval, Dec. 5, 1870.
d. Purchased, Oct. 15, 1872.
e. Received in exchange, Jan. 23, 1874.
f. Purchased, April 14, 1877.
g. Purchased, May 3, 1879.
h. Purchased, June 14, 1879.

886. *Ardea garzetta,* Linn. Little Egret.
Hab. Europe.

a–e. Purchased, Sept. 19, 1864. From the Lower Danube.

887. *Ardea candidissima,* Gm. Snowy Egret.
Hab. America.

a–c. Purchased, March 8, 1864. From Para.
d. Purchased, Jan. 24, 1870.
e–g. Purchased, March 19, 1875.
h, i. Purchased, Feb. 1, 1876.
j, k. Purchased, July 18, 1876.

888. *Ardea gularis,* Bosc. Slaty Egret.
Hab. West Africa.

a–s. Purchased, Dec. 23, 1869.

889. *Ardea russata,* Wagler. Buff-backed Egret.
Hab. Europe.

a. Presented by Captain Burke, S.S. 'Arcot,' July 12, 1879.

890. *Ardea ralloides,* Scop. Squacco Heron.
Hab. South Europe.

a–f. Purchased, Sept. 19, 1864. From the Lower Danube.

Genus Butorides.

891. *Butorides virescens* (Linn.). Green Bittern.
Hab. America.

a. Purchased, March 8, 1864. See P. Z. S. 1864, p. 138.

892. *Butorides cyanurus* (Vieill.). South-American Little Bittern.
Hab. South America.

a, b. Purchased, July 18, 1876.

893. *Butorides atricapillus* (Afz.). Blue-capped Bittern.
Hab. Africa.

a, b. Received in exchange, March 2, 1878.

Genus Ardetta.

894. *Ardetta minuta* (Linn.). Little Bittern.
Hab. Europe.

a. Purchased, June 8, 1860.
b–e. Presented by Henry Peters, Esq., June 26, 1866.
f, *g*. Presented by Mr. A. A. Van Bemmelen, Sept. 15, 1874.

895. *Ardetta involucris* (Vieill.). Variegated Bittern.
Hab. South America.

a, *b*. Purchased, Nov. 6, 1879.

Genus Nycticorax.

896. *Nycticorax griseus* (Linn.). Night-Heron.
Hab. Europe.

a–d. Purchased, Aug. 7, 1863.
e. Presented by Henry Peters, Esq., June 19, 1866.
f. Purchased, Dec. 6, 1871. From West Africa.
g. Purchased, Nov. 6, 1879.
h. Purchased, March 29, 1882.
i. Presented by H. D. Crompton, Esq., April 22, 1882.
j, *k*. Presented by Mr. A. A. Van Bemmelen, July 20, 1882.

897. *Nycticorax gardeni* (Gm.). Garden's Night-Heron.
Hab. America.

a. Purchased, Oct. 17, 1877.
b. Purchased, Jan. 30, 1878.
c. Presented by H. Bottrell, Esq., Feb. 13, 1878.
d. Purchased, June 24, 1878.
e, *f*. Presented by H. J. Burford Hancock, Esq., F.Z.S., Aug. 13, 1881.

898. *Nycticorax caledonicus* (Gm.). Nankeen Night-Heron.
Hab. Australia.

a. Purchased, April 19, 1866.
b, *c*. Purchased, July 29, 1869.
d. Presented by Capt. J. A. Perry, Aug. 1, 1870.

899. *Nycticorax cucullatus* (Licht.). Hooded Night-Heron.
Hab. West Africa.

a, *b*. Purchased, May 14, 1867. See P. Z. S. 1867, p. 687.

900. *Nycticorax violaceus* (Linn.). Violaceous Night-Heron.

Hab. South America.

a. Presented by E. B. Webb, Esq., April 14, 1864.
b, *c*. Purchased, June 4, 1866.
d. Presented by G. Wilks, Esq., C.M.Z.S., March 19, 1870. From Buenos Ayres.
e. Purchased, Sept. 16, 1874.
f, *g*. Purchased, Jan. 24, 1879. From Bahia.

Genus Cancroma.

901. *Cancroma cochlearia*, Linn. Boatbill.

Hab. South America.

a. Purchased, March 6, 1867. See Murie, Trans. Zool. Soc. vii. p. 466.
b. Received in exchange, April 25, 1867. See P. Z. S. 1867, p. 473.
c, *d*. Purchased, March 20, 1874.
e, *f*. Purchased, Sept. 29, 1876.
g, *h*. Purchased, Nov. 6, 1879.
i, *j*. Purchased, Sept. 3, 1880.

Genus Botaurus.

902. *Botaurus stellaris* (Linn.). Bittern.

Hab. Europe.

a. Presented by the Rev. Benjamin Ruck Keene, Jan. 25, 1867.
b. Presented by the Rev. R. Smith, Jan. 29, 1867.
c. Presented by F. C. Capel, Esq., Sept. 17, 1868.
d. Presented by the Hon. T. de Grey, M.P., F.Z.S., April 16, 1869. From Norfolk.

Genus Tigrisoma.

903. *Tigrisoma brasiliense* (Linn.). Tiger Bittern.

Hab. South America.

a. Purchased, April 28, 1864.
b, *c*. Purchased, July 29, 1869.
d. Presented by Capt. J. A. Perry, Aug. 1, 1870.
e. Purchased, Feb. 17, 1876.
f. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Aug. 2, 1878.

904. *Tigrisoma leucolophum*, Jard. White-crested Tiger Bittern.

Hab. West Africa.

a. Purchased, May 1860.
b. Purchased, Dec. 11, 1866.

Family CICONIIDÆ.

Genus Ciconia.

905. *Ciconia nigra* (Linn.). Black Stork.

Hab. Europe.

a. Presented by W. C. Domville, Esq., Aug. 14, 1855.
b. Received in exchange, Oct. 21, 1861.
c, *d*. Received in exchange, Oct. 14, 1862.
e. Purchased, June 21, 1873.
f, *g*. Purchased, April 29, 1878.
h, *i*. Purchased, Aug. 8, 1879.
j. Presented by Prof. J. Reinhardt, F.M.Z.S., Aug. 13, 1879.
k, *l*. Presented by Dr. Rudolf Blasius, Aug. 5, 1881. From Germany.

906. *Ciconia alba*, Bechst. White Stork.

Hab. Europe.

a. Purchased, Oct. 31, 1864.
b–e. Purchased, Aug. 25, 1865.
f. Presented by F. M. Hayward, Esq., June 28, 1866.
g. Presented by J. D. Chipchase, Esq., March 9, 1868.
h. Presented by F. M. Hayward, Esq., July 5, 1871.
i, *j*. Purchased, June 21, 1873.
k, *l*. Purchased, Oct. 6, 1873.
m. Deposited, Sept. 26, 1874.
n. Deposited, Oct. 29, 1874.
o, *p*. Presented by C. Clifton, Esq., F.Z.S., Dec. 6, 1877.
q–t. Purchased, June 27, 1879.
u, *v*. Purchased, July 1, 1879.

907. *Ciconia boyciana*, Swinhoe. Boyce's Stork.

Hab. Japan.

a, *b*. Presented by R. H. Boyce, Esq., Dec. 31, 1873. See P. Z. S. 1874, p. 2, pl. 1.

Genus Dissura.

908. *Dissura maguari* (Gm.). Maguari Stork.
Hab. South America.

a, *b*. Purchased, March 8, 1864. From Para. See P. Z. S. 1864, p. 138.
c, *d*. Presented by G. Wilks, Esq., C.M.Z.S., April 5, 1869.
e. Purchased, Dec. 18, 1872. See P. Z. S. 1878, p. 633.
f, *g*. Purchased, March 29, 1882.

909. *Dissura episcopus* (Bodd.). White-necked Stork.
Hab. West Africa.

a. Presented by Mrs. D. Campbell, Aug. 10, 1866. See P. Z. S. 1866, p. 418.
b. Purchased, Feb. 6, 1868.
c, *d*. Received in exchange, Feb. 16, 1876. See P. Z. S. 1878, p. 633.

Genus Abdimia.

910. *Abdimia sphenorhyncha*, Bp. White-bellied Stork.
Hab. West Africa.

a. Purchased, July 29, 1869.
b. Presented by R. Newton, Esq., Oct. 4, 1873.
c, *d*. Purchased, Feb. 16, 1878.

Genus Xenorhynchus.

911. *Xenorhynchus australis* (Shaw). Black-necked Stork.
Hab. Malacca.

a. Male; *b*. Female. Presented by A. Grote, Esq., C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 374.
c. Purchased, May 14, 1868.
d. Purchased, May 2, 1870.
e–*g*. Purchased, March 24, 1875.
h. Presented by C. Moore, Esq., C.M.Z.S., May 28, 1875.

912. *Xenorhynchus senegalensis* (Shaw). Saddle-billed Stork.
Hab. West Africa.

a, *b*. Purchased, April 17, 1861.
c, *d*. Purchased, July 22, 1869.
e. Purchased, July 5, 1876.
f. Purchased, May 10, 1877.
g–*i*. Purchased, April 26, 1881.

Genus Mycteria.

913. *Mycteria americana*, Linn. American Jabiru.

Hab. Para.

a. Purchased, March 8, 1864. See P. Z. S. 1864, p. 138.
b. Purchased, March 21, 1876.
c. Purchased, March 17, 1877.
d. Purchased, July 18, 1882.

Genus Leptoptilus.

914. *Leptoptilus crumeniferus* (Cuv.). Marabou Stork.

Hab. West Africa.

a. Purchased, Aug. 15, 1854.
b. Presented by Edmund Gabriel, Esq., H.B.M.'s Commissioner at Loando, Angola, Aug. 22, 1860. From Angola.
c, *d*. Presented by Capt. Glover, R.N., June 18, 1866.
e. Male; *f*. Female. Purchased, Aug. 18, 1869.
g. Presented by Mr. Amzalak of Loando, April 4, 1876.

915. *Leptoptilus argala* (Linn.). Indian Adjutant.

Hab. India.

a, *b*. Purchased, Jan. 26, 1874.
c–*e*. Purchased, July 2, 1875.

916. *Leptoptilus javanicus* (Horsf.). Javan Adjutant.

Hab. Java.

a. Received in exchange, March 7, 1878.
b. Received in exchange, June 14, 1880.
c. Received in exchange, March 29, 1881.
d. Received in exchange, May 10, 1881.

Genus Balæniceps.

917. *Balæniceps rex*, Gould. Shoebill.

Hab. Eastern Africa.

a, *b*. Purchased of Mr. Petherick, 1860. See P. Z. S. 1860, pp. 184 & 195. See also Mr. Bartlett's notes, P. Z. S. 1860, p. 461, and 1861, p. 131, and Mr. Parker's notes on its osteology, P. Z. S. 1860, p. 324. *Cf.* also Reinhardt, P. Z. S. 1860, p. 377.

Genus Scopus.

918. *Scopus umbretta,* Gm. Tufted Umbre.
Hab. Africa.

a. Purchased, June 26, 1880. See P. Z. S. 1880, p. 537.

Genus Tantalus.

919. *Tantalus loculator,* Linn. American Tantalus.
Hab. America.

a. Purchased, Aug. 30, 1877. See P. Z. S. 1877, p. 681. From the Rio Magdalena.
b. Purchased, Nov. 9, 1878.
c. Received in exchange, Jan. 28, 1879.
d. Purchased, Nov. 22, 1880.
e. Purchased, April 7, 1881.
f. Presented by H. B. Whitmarsh, Esq., May 29, 1882.

Genus Pseudotantalus.

920. *Pseudotantalus ibis* (Linn.). African Tantalus.
Hab. West Africa.

a. Purchased, June 8, 1863.
b. Purchased, July 16, 1863.
c. Purchased, Oct. 27, 1868.
d, *e.* Purchased, April 6, 1869.
f. Purchased, April 16, 1869.
g, *h.* Purchased, July 22, 1869.
i. Presented by Master G. B. Campbell, April 30, 1870.
j. Purchased, May 26, 1873. See Garrod, P. Z. S. 1875, p. 297.
k. Received in exchange, Sept. 4, 1875.

921. *Pseudotantalus leucocephalus* (Gm.). Indian Tantalus.
Hab. India.

a. Presented by A. Grote, Esq., C.M.Z.S., July 25, 1864.
b. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
c–e. Purchased, May 30, 1880.

Family PLATALEIDÆ.

Genus Platalea.

922. *Platalea leucorodia,* Linn. Spoonbill.
Hab. Europe.

a, *b*. Received in exchange, March 30, 1860.
c, *d*. Purchased, June 1, 1873.
e. Purchased, June 21, 1873.
f–*i*. Purchased, Aug. 22, 1879.
j. Presented by W. H. St. Quintin, Esq., Oct. 5, 1880.

923. *Platalea ajaja,* Linn. Roseate Spoonbill.
Hab. South America.

a–*e*. Purchased, Aug. 13, 1870. See P. Z. S. 1870, p. 670. See also Garrod, P. Z. S. 1875, p. 299.
f. Purchased, Oct. 21, 1880.
g–*i*. Purchased, April 25, 1881.

Genus Ibis.

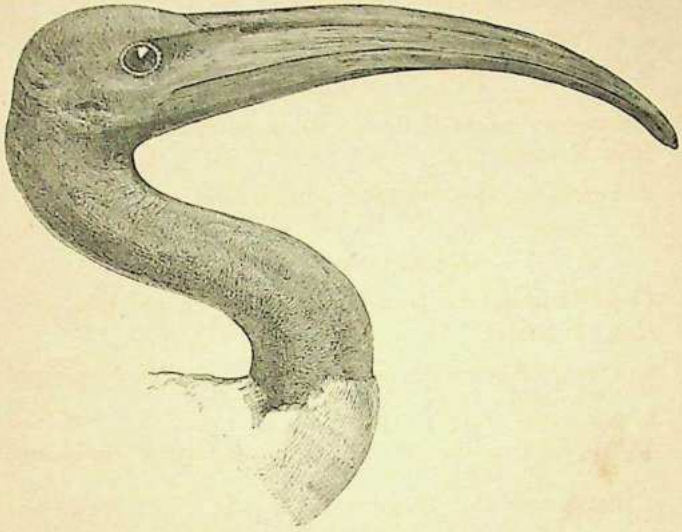
924. *Ibis æthiopica* (Lath.). Sacred Ibis. (Fig. 50, p. 410.)
Hab. River Gambia.

a, *b*. Received in exchange, Aug. 9, 1855.
c, *d*. Purchased, Nov. 18, 1863. From South Africa.
e. On approval, March 15, 1871. From South Africa.
f. Presented by H.E. Sir Henry Barkly, K.C.B., June 10, 1871. From Cape Colony.
g. Presented by Capt. Wm. Dixon, March 8, 1872.
h, *i*. Purchased, Sept. 6, 1873. From Gough's Island, South Atlantic.
j. Bred in the Gardens, July 6, 1877. See 'Ibis,' 1878, p. 449, pl. xii.

925. *Ibis bernieri* (Bp.). Bernier's Ibis. (Fig. 51, p. 410.)
Hab. Madagascar.

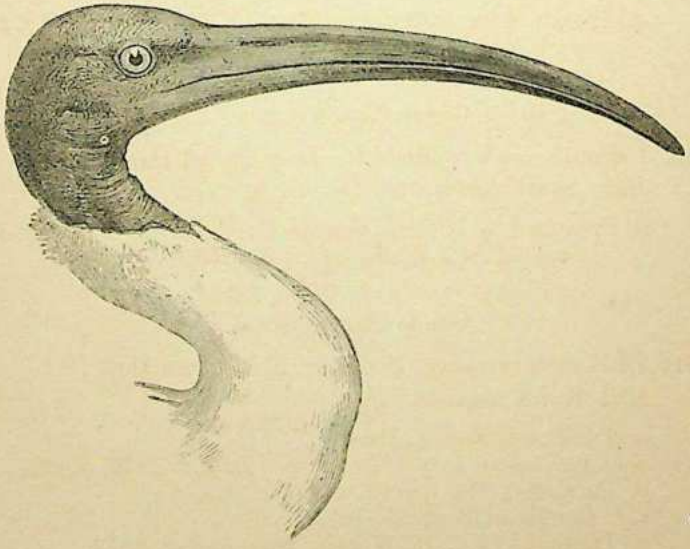
a, *b*. Purchased, May 7, 1870. See P. Z. S. 1870, pp. 381, 663.

Fig. 50.



Ibis æthiopica. (P. Z. S. 1870, p. 382.)

Fig. 51.



Ibis bernieri. (P. Z. S. 1870, p. 382.)

926. *Ibis strictipennis,* Gould. Australian Sacred Ibis.
Hab. Australia.

a, b. Purchased, May 19, 1870. See P. Z. S. 1870, p. 663.
c, d. Presented by Dr. R. Schomburgk, June 13, 1870.

927. *Ibis melanocephala* (Lath.). Black-headed Ibis.
Hab. Eastern Asia.

a. Purchased, Dec. 18, 1864. From Siam.

Genus Carphibis.

928. *Carphibis spinicollis* (Jameson). Straw-necked Ibis.
Hab. Australia.

a. Presented by the Acclimatization Society of Sydney, April 19, 1866. See P. Z. S. 1866, p. 203.
b. Purchased, April 19, 1866.
c. Presented by the Acclimatization Society of Melbourne, July 21, 1866.
d. Purchased, Aug. 19, 1880.

Genus Nipponia.

929. *Nipponia temmincki,* Reich. Nippon Ibis.
Hab. China.

a. Presented by R. Swinhoe, Esq., F.Z.S., Nov. 9, 1872. See P. Z. S. 1872, p. 862.

Genus Geronticus.

930. *Geronticus calvus* (Bodd.). Bald-headed Ibis.
Hab. South Africa.

a. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, Oct. 3, 1859.

Genus Theristicus.

931. *Theristicus caudatus* (Bodd.). Black-faced Ibis.
Hab. South America.

a. Purchased, Nov. 1, 1864.
b, c. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.
d. Purchased, May 18, 1876.
e, f. Purchased, Sept. 29, 1876.
g. Presented by C. H. Whaley, Esq., Aug. 8, 1879.
h. Purchased, July 11, 1882.

Genus Plegadis.

932. *Plegadis falcinellus* (Linn.). Glossy Ibis.

Hab. Europe.

a, *b*. Purchased, Nov. 3, 1866.
c, *d*. Purchased, Aug. 29, 1869.
e. Received in exchange, Aug. 8, 1873.

Genus Eudocimus.

933. *Eudocimus ruber* (Linn.). Scarlet Ibis.

Hab. Para.

a–*f*. Purchased, March 8, 1864.
g. Purchased, Oct. 15, 1866.
h. Presented by Dr. Palin, C.M.Z.S., May 2, 1868.
i. Deposited, Feb. 23, 1870.
j, *k*. Deposited, May 4, 1870.
l, *m*. Deposited, Oct. 10, 1870.
n. Deposited, Oct. 6, 1871.
o–*q*. Purchased, June 16, 1872.
r. Received in exchange, Nov. 25, 1874.
s–*u*. Purchased, May 1, 1875.
v. Purchased, July 17, 1875.
w. Deposited, Oct. 15, 1875.
x, *y*. Deposited, Nov. 1, 1876.
z, *a*^{1}. Presented by Miss Attwood, F.Z.S., May 28, 1877.
b^1. Presented by George Ransome, Esq., Dec. 1, 1877.
c^1. Presented by R. M. Hyde, Esq., June 20, 1878.
d^1. Purchased, May 2, 1879.
e^1, *f*^{1}. Bred in the Gardens, July 7, 1881.
g^1, *h*^{1}. Purchased, Aug. 28, 1882.

934. *Eudocimus albus* (Linn.). White Ibis.

Hab. South America.

a. Purchased, April 28, 1864.
b. Purchased, June 11, 1866.
c, *d*. Purchased, Aug. 13, 1866.
e. Hybrid between this species and *E. ruber*. Bred in the Gardens, July 21, 1868.
f. Purchased, June 10, 1878.
g. Purchased, May 2, 1879.

Order VIII. ODONTOGLOSSÆ.

Family PHŒNICOPTERIDÆ.

Genus Phœnicopterus.

935. *Phœnicopterus antiquorum*, Temm. European Flamingo.

Hab. Southern Europe.

a–e. Presented by Rees Williams, Esq., June 20, 1862.
f. Presented by Charles Joyce, Esq., April 10, 1865.
g–l. Purchased, July 16, 1866.
m–o. Purchased, June 8, 1876.
p. Purchased, May 27, 1882.

936. *Phœnicopterus ruber*, Linn. Ruddy Flamingo.

Hab. North America.

a–c. Purchased, Aug. 3, 1866. See P. Z. S. 1866, p. 418.
d, e. Deposited, Sept. 12, 1872.

937. *Phœnicopterus ignipalliatus*, Geoffr. et d'Orb. South-American Flamingo.

Hab. South America.

a. Presented by Dr. Palin, C.M.Z.S., Sept. 19, 1871. See P. Z. S. 1871, p. 627.
b. Purchased, March 29, 1876. From Peru. See P. Z. S. 1876, p. 333.
c. Purchased, May 2, 1879.

Order IX. PALAMEDEÆ.

Family PALAMEDEIDÆ.

Genus Chauna *.

938. *Chauna chavaria* (Linn.). Crested Screamer.

Hab. Buenos Ayres.

a. Presented by A. C. Maxwell, Esq., March 22, 1872. See P. Z. S. 1872, p. 603.
b. Presented by Higford Burr, Esq., F.Z.S., March 25, 1872. See P. Z. S. 1872, p. 603.
c. Presented by Mrs. Wilson, Feb. 28, 1873.
d. Purchased, Oct. 15, 1877.
e. Purchased, June 14, 1879. Rio de Janeiro.
f, *g*. Purchased, May 25, 1880.
h. Purchased, April 12, 1882.

939. *Chauna derbiana*, Gray. Derbian Screamer.

Hab. Northern coast of Columbia.

a. Presented by Edward Greey, Esq., F.Z.S., July 29, 1863. See P. Z. S. 1863, p. 377.
b. Purchased, Nov. 15, 1865. Specimen described and figured, P. Z. S. 1864, p. 74, pl. xi., as *Chauna nigricollis*. See P. Z. S. 1865, p. 676, and 1866, p. 369.
c. Purchased, June 27, 1866.
d, *e*. Purchased, Jan. 29, 1871. From Cartagena. See P. Z. S. 1871, p. 102.
f, *g*. Purchased, Oct. 15, 1872.
h–*j*. Purchased, Dec. 31, 1873.
k. Purchased, May 31, 1875.
l. Purchased, May 31, 1876.

---

* On the Anatomy of *Chauna*, see Garrod, P. Z. S. 1876, p. 189.

Order X. ANSERES.

Family ANATIDÆ.

Subfamily I. PLECTROPTERINÆ.

Genus ANSERANAS.

940. *Anseranas melanoleuca,* Less. Black-and-White Goose.

Hab. Australia.

a. Female. Purchased, June 19, 1855.
b. Presented by Mrs. R. W. Moore, March 3, 1865.
c, d. Presented by Dr. Mueller, C.M.Z.S., May 5, 1865.
e, f. Presented by Dr. R. Schomburgk, June 13, 1870.
g–l. Received in exchange, July 22, 1881.

Genus PLECTROPTERUS.

941. *Plectropterus gambensis* (Linn.). Spur-winged Goose.

Hab. West Africa.

a. Purchased, June 25, 1857.
b. Presented by Mrs. Compton Robert, April 30, 1867.
c. Presented by C. B. Mosse, Esq., Staff-Surgeon, May 6, 1867.
d. Presented by Capt. R. M. Spirling, R.N., April 9, 1868. From the Shiré River, East Africa. See P. Z. S. 1868, p. 261.
e. Received in exchange, Aug. 13, 1868.
f. Purchased, Oct. 26, 1868.
g–i. Deposited, Aug. 24, 1871.
j. Deposited, Sept. 14, 1876.
k. Presented by R. B. Dobree, Esq., Feb. 12, 1880.

942. *Plectropterus rueppelli,* Sclater. Rüppell's Spur-winged Goose.

Hab. Eastern Africa.

a, b. Males. Purchased, June 18, 1858. Types of the species as described, P. Z. S. 1859, p. 131. See also further remarks, P. Z. S. 1860, p. 38.
c. Presented by M. J. M. Cornély, C.M.Z.S., Sept. 28, 1876. See P. Z. S. 1876, p. 696.

943. *Plectropterus niger*, Sclater. Black Spur-winged Goose.
Hab. Eastern Africa.

a, *b*. Males. Presented by Lieut.-Gen. A. V. Cunyngham, June 6, 1876. See P. Z. S. 1877, p. 47, pl. VII., and 1879, p. 5.

Genus Chenalopex.

944. *Chenalopex ægyptiaca* (Linn.). Egyptian Goose.
Hab. Africa.

a. Deposited, Aug. 11, 1863. From South Africa.
b. Presented by W. C. Hewitson, Esq., F.Z.S., August 15, 1865.
c. Male; *d*. Female. Presented by Frederick Powell, Esq., May 15, 1867.
e. Presented by J. M. de Freitas Brance, Esq., April 9, 1868.
f, *g*. Bred in the Gardens, May 24, 1868.
h. Purchased, Oct. 26, 1868.
i–*p*. Bred in the Gardens, June 6, 1869.
q–*x*. Bred in the Gardens, May 21, 1870.
y, *z*. Bred in the Gardens, May 3, 1871.
a^1. Hatched in the Gardens, June 21, 1872.
b^1. Male; *c*^{1}. Female. Presented by H. Welch Thornton, Esq., May 2, 1873.
d^1–*f*^{1}. Bred in the Gardens, June 14, 1873.
g^1, *h*^{1}. Deposited, March 23, 1874.
i^1–*k*^{1}. Bred in the Gardens, July 16, 1874.
l^1, *m*^{1}. Females. Presented by R. B. N. Walker, Esq., C.M.Z.S., May 27, 1875.
n^1. Male. Presented by Dr. E. Swain, Nov. 2, 1875.
o^1–*t*^{1}. Presented by Mr. Justice Denyssen of the Cape, Oct. 9, 1878.
u^1–*w*^{1}. Bred in the Gardens, June 4, 1879.
x^1–*z*^{1}. Males. Presented by Capt. F. M. Burke, Dec. 30, 1880.
a^2. Bred in the Gardens, June 12, 1882

945. *Chenalopex jubata* (Spix). Orinoco Goose.
Hab. South America.

a. Purchased, April 27, 1865.
b. Purchased, May 8, 1868.
c. Purchased, April 7, 1874.
d, *e*. Purchased, Jan. 1, 1875.
f, *g*. Purchased, June 12, 1875.
h, *i*. Purchased, June 15, 1877.
j. Purchased, July 16, 1877.

k, *l*. Purchased, June 9, 1879.
m. Purchased, March 31, 1880.
n, *o*. Deposited, Sept. 24, 1880.
p. Purchased, Oct. 13, 1880.
q. Purchased, March 29, 1882.

Subfamily II. Cereopsinæ.

Genus Cereopsis.

946. *Cereopsis novæ-hollandiæ*, Lath. Cereopsis Goose.

Hab. Australia.

a. Male. Bred in the Gardens, 1853.
b, *c*. Females. Purchased, April 26, 1861.
d. Male. Received in exchange, April 17, 1863.
e. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
f. Male; *g*. Female. Deposited, March 25, 1865.
h. Male. Presented by John Macmickan, Esq., Dec. 6, 1865.
i. Presented by J. W. Tyas, Esq., March 4, 1869.
j. Purchased, July 18, 1878.
k. Purchased, Dec. 14, 1878.
l. Male. Purchased, July 2, 1880.

Subfamily III. Anserinæ.

Genus Anser.

947. *Anser cinereus*, Meyer. Wild or Grey-Lag Goose.

Hab. British Islands.

a. Male. Purchased, 1855. From India.
b. Female. Purchased, March 24, 1860.
c. Male; *d*. Female (domestic variety). Presented by Frederick Powell, Esq., May 15, 1867.
e. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
f, *g*. Presented by Sir Henry S. Boyton, Bart., Nov. 4, 1882

948. *Anser brachyrhynchus*, Baill. Pink-footed Goose.

Hab. British Islands.

a. Male; *b*. Female. Purchased, March 14, 1861.
c, *d*. Purchased, Nov. 11, 1880.
e. Purchased, Feb. 8, 1882.

949. *Anser segetum* (Gm.). Bean-Goose.

Hab. Europe.

a. Male; *b*. Female. Purchased, Nov. 1, 1859.
c. Female. Presented by C. Czarnikow, Esq., F.Z.S., Feb. 20, 1872.
d. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.

950. *Anser erythropus*, Linn. Little Goose.

Hab. Europe.

a. Female. Purchased, May 18, 1852.
b. Male. Purchased, May 27, 1852.
c. Male. Purchased, April 4, 1858.
d. Received in exchange, Jan. 23, 1874.

951. *Anser albifrons* (Scopoli). White-fronted Goose.

Hab. Europe.

a. Male; *b*. Female. Purchased, 1861.
c, *d*. Purchased, May 27, 1882.

952. *Anser indicus* (Lath.). Bar-headed Goose.

Hab. India.

a. Male; *b*. Female. Received in exchange, Feb. 5, 1852.
c. Purchased, May 8, 1868.
d. Male. Purchased, Nov. 4, 1874.
e. Purchased, April 26, 1878.
f. Male; *g*. Female. Purchased, May 22, 1878.
h. Male; *i*. Female. Purchased, March 15, 1881.

953. *Anser cygnoides* (Linn.). Chinese Goose.

Hab. China.

a. Female. Presented by Russell Sturgis, Esq., F.Z.S., Oct. 7, 1859.
b. Male. Presented by Capt. Cruickshank, April 22, 1860.
c. Male; *d*. Female. Presented by Charles Shaw, Esq., July 1, 1867.
e, *f*. Males. Presented by R. H. Medhurst, Esq., Feb. 5, 1877.

Genus Bernicla.

954. *Bernicla leucopsis* (Bechst.). Bernicle Goose.

Hab. Europe.

a. Male. Purchased, 1861.
b, c. Presented by W. C. Hewitson, Esq., F.Z.S., Aug. 15, 1865.
d, e. Presented by W. C. Hewitson, Esq., F.Z.S., April 17, 1866.
f. Female. Presented by T. P. Turdale, Esq., F.Z.S., Jan. 19, 1874.
g, h. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
i, j. Purchased, May 27, 1882.

955. *Bernicla canadensis* (Linn.). Canada Goose.

Hab. North America.

a. Male. Presented by Capt. Wishart, H.B.C.S., Oct. 29, 1861. From Hudson's Bay Territory.
b. Presented by Capt. Wishart, H.B.C.S., Oct. 29, 1862. From Hudson's Bay Territory.
c. Presented by C. Anthony, Esq., jun., March 2, 1868.
d, e. Deposited, Nov. 3, 1869.
f–i. Presented by J. T. Liebert, Esq., Jan. 4, 1873.
j, k. Presented by E. J. Philpot, Esq., Feb. 9, 1878.
l–n. Presented by W. Bonorton, Esq., Jan. 30, 1879.
o–r. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
s. Presented by George Edson, Esq., April 15, 1882.
t. Purchased, June 27, 1882.

956. *Bernicla hutchinsi*, Rich. Hutchins's Goose.

Hab. Arctic America.

a. Female. Presented by Capt. David Herd, H.B.C.S., C.M.Z.S., Oct. 10, 1860. From Fort Churchill, Hudson's Bay Territory.

957. *Bernicla ruficollis* (Pall.). Red-breasted Goose.

Hab. Europe.

a. Female. Received in exchange, Aug. 19, 1858.

958. *Bernicla brenta* (Pallas). Brent Goose.

Hab. Europe.

a, b. Males; *c, d*. Females. Purchased, March 1, 1864.
e, f. Males; *g, h*. Females. Purchased, May 22, 1865.

i–l. Presented by W. C. Hewitson, Esq., F.Z.S., April 17, 1866.
m, *n*. Males; *o*, *p*. Females. Purchased, May 13, 1871.
q. Male; *r*. Female. Received in exchange, Oct. 23, 1871.
s, *t*. Males; *u*, *v*. Females. Purchased, April 19, 1872.
w. Presented by H. A. Dombrain, Esq., March 11, 1879.
x, *y*. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
z, a^1. Purchased, Dec. 11, 1879.
b^1–d^1. Purchased, Jan. 6, 1880.
e^1, f^1. Purchased, Feb. 2, 1881.
g^1–i^1. Purchased, May 31, 1882.
j^1, k^1. Purchased, Nov. 11, 1882.

959. *Bernicla jubata* (Lath.). Maned Goose.

Hab. Australia.

a–c. Purchased, Nov. 21, 1864. See P. Z. S. 1864, p. 587.
d–g. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
h. Purchased, June 15, 1870.
i. Male; *j*. Female. Deposited, Sept. 22, 1876.
k. Male; *l*. Female. Purchased, Feb. 9, 1877.
m. Male. Purchased, April 1, 1878.
n. Male; *o*, *p*. Females. Purchased, June 5, 1879.
q. Purchased, Aug. 19, 1881.

960. *Bernicla melanoptera* (Eyt.). Andean Goose.

Hab. Chili.

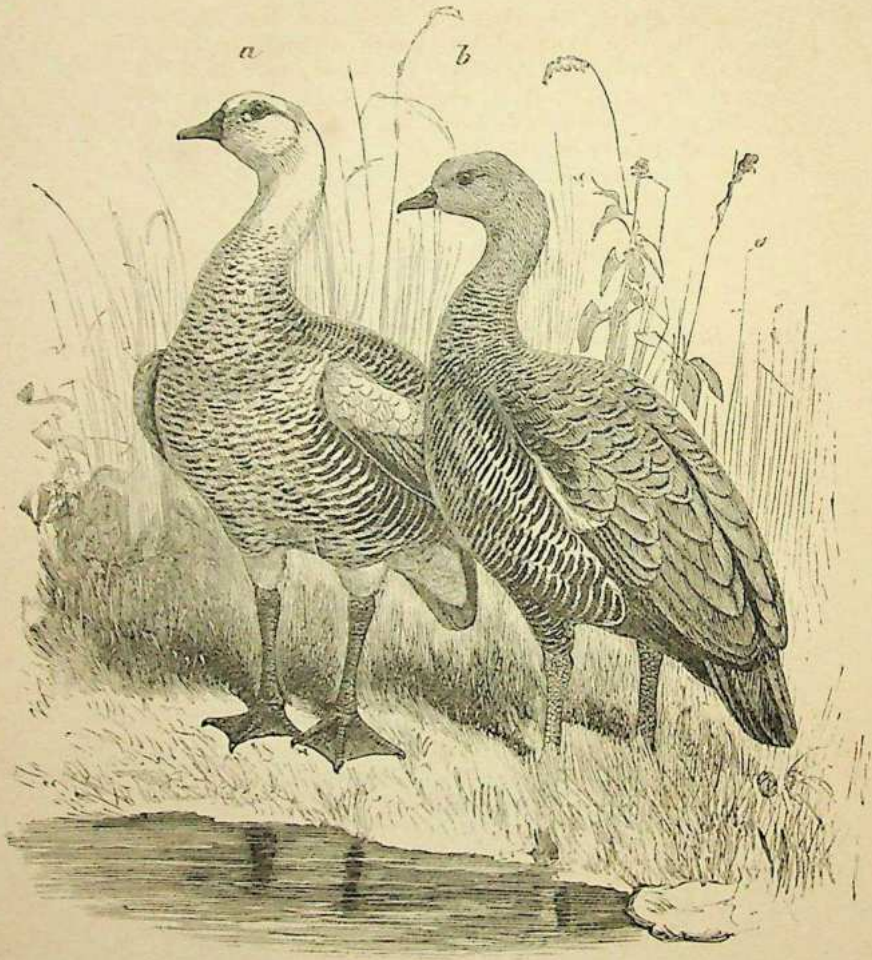
a. Male; *b*. Female. Purchased, May 16, 1871. See P. Z. S. 1871, p. 545.
c, *d*. Purchased, Oct. 4, 1871.
e. Purchased, Oct. 31, 1876.
f. Male; *g*. Female. Purchased, Feb. 2, 1877.
h. Male; *i*. Female. Purchased, Sept. 18, 1877.

961. *Bernicla magellanica* (Gm.). Upland Goose. (Fig. 52.)

Hab. Falkland Islands.

a–z^1. See former editions.
a^2. Hatched in the Gardens, May 17, 1874.
b^2–e^2. Hatched in the Gardens, April 29, 1875.
f^2. Male; g^2. Female. Received in exchange, Nov. 6, 1875.
h^2. Male; i^2. Female. Purchased, March 27, 1877. (*B. dispar.*) Straits of Magellan.

Fig. 52.



a, Male, and *b*, Female, Magellanic Geese in the Society's Gardens, bred between *Bernicla dispar* ♂ and *Bernicla magellanica* ♀. (P. Z. S. 1876, p. 365.)

j^2. Male; l^2. Female. Purchased, Sept. 18, 1877. (*B. dispar.*)
l^2. Female. Purchased, Jan. 24, 1878.
m^2–r^2. Bred in the Gardens, June 15, 1878.
s^2. Male. Purchased, April 18, 1879. (*B. dispar.*) Patagonia.

t^2. Female. Purchased, Sept. 5, 1879.
u^2, v^2. Males; w^2, x^2. Females. Purchased, May 7, 1880. (*B. dispar.*)
y^2. Male. Purchased, June 5, 1880.
z^2–b^3. Bred in the Gardens, June 29, 1880.
c^3, d^3. Males; e^3. Female. Purchased, April 28, 1881.
f^3. Female. Presented by A. Nesbitt, Esq., Aug. 24, 1881.
g^3. Male. Purchased, April 15, 1882.
h^3. Male; i^3. Female. Presented by F. E. Cobb, Esq., C.M.Z.S., June 12, 1882.

962. *Bernicla poliocephala*, Sclater. Ashy-headed Goose.

Hab. South America.

a. Male; *b*. Female. Bred in the Gardens, June 7, 1858.
c. Male; *d*. Female. Bred in the Gardens, May 27, 1860.
e–*h*. Bred in the Gardens, May 25, 1865.
i–*k*. Bred in the Gardens, May 23, 1867.
l. Bred in the Gardens, May 25, 1868.
m. Bred in the Gardens, June 1, 1869.
n. Purchased, Sept. 5, 1879.
o–*q*. Purchased, June 5, 1880.

963. *Bernicla rubidiceps*, Sclater. Ruddy-headed Goose.

Hab. Falkland Islands.

a, *b*. Males; *c*, *d*. Females. Purchased, July 5, 1860.
e–*g*. Bred in the Gardens, April 30, 1865.
h, *i*. Bred in the Gardens, May 8, 1866.
j–*m*. Bred in the Gardens, June 5, 1866.
n–*p*. Bred in the Gardens, May 18, 1867.
q–*t*. Bred in the Gardens, June 4, 1867.
u–*x*. Bred in the Gardens, May 1, 1868.
y. Bred in the Gardens, May 25, 1868.
z–c^1. Bred in the Gardens, June 6, 1869.
d^1–g^1. Bred in the Gardens, May 11, 1870.
h^1. Male; i^1. Female. Purchased, Nov. 18, 1880.
j^1. Bred in the Gardens, May 16, 1882.
k^1–o^1. Presented by F. E. Cobb, Esq., June 12, 1882.

964. *Bernicla antarctica* (Gm.). Kelp Goose.

Hab. Falkland Islands.

a. Obtained by the Society's Collector, Aug. 24, 1868.

965. *Bernicla sandvicensis* (Vig.). Sandwich-Island Goose.
Hab. Sandwich Islands.

a. Male. Presented by Earl Fitzwilliam, F.Z.S., Feb. 11, 1858.
b. Female. Received, April 25, 1863.
c–g. Bred in the Gardens, April 5, 1864.
h–j. Deposited, Jan. 19, 1866.
k, *l*. Purchased, Nov. 18, 1868.
m–o. Bred in the Gardens, May 23, 1871.
p, *q*. Purchased, June 26, 1880.

Subfamily IV. Cygninæ.

Genus Cygnus.

966. *Cygnus olor* (Gm.). Mute Swan.
Hab. Europe.

a–c. Deposited, Feb. 26, 1866.
d. Male; *e*. Female (*Cygnus immutabilis*). Received in exchange, May 9, 1871.
f. Female. Presented by H. E. Butler, Esq., March 6, 1875.
g. Male. Purchased, April 17, 1875.
h. Female. Presented by Montague Kingsford, Esq., Jan. 4, 1876.
i. Male; *j*. Female. Purchased, Jan. 4, 1877.
k, *l*. Presented by Major Kennan, Aug. 8, 1877.
m, *n*. Deposited, Sept. 27, 1877.
o. Presented by J. Colam, Esq., Feb. 8, 1878.
p. Presented by Capt. Marx, Dec. 11, 1878.
q, *r*. Var. *immutabilis*. Presented by J. H. Gurney, Esq., F.Z.S., Sept. 24, 1880.
s, *t*. Presented by Salisbury Baxendale, Esq., F.Z.S., Jan. 2, 1881.
u–x. Presented by J. Hargreaves, Esq., Feb. 15, 1881.

967. *Cygnus musicus*, Bechst. Whooper Swan.
Hab. Europe.

a, *b*. Purchased, May 10, 1866.
c. Presented by Orgood H. Mackenzie, Esq., Jan. 31, 1881.

968. *Cygnus bewicki*, Yarrell. Bewick's Swan.
Hab. North Europe.

a. Purchased, Nov. 1, 1878.
b. Deposited, Feb. 10, 1880.
c, *d*. Received in exchange, July 6, 1880.

969. *Cygnus buccinator*, Rich. Trumpeter Swan.

Hab. North America.

a–c. Received in exchange, April 21, 1866. See P. Z. S. 1866, p. 203.
d. Purchased, June 6, 1867.
e–g. Bred in the Gardens, July 6, 1870. See P. Z. S. 1870, p. 664.
h–j. Bred in the Gardens, June 3, 1871.
k. Female. Received in exchange, Aug. 24, 1871.
l–q. Hatched in the Gardens, June 6, 1872.
r–u. Hatched in the Gardens, June 8, 1873.
v–b^1. Hatched in the Gardens, May 30, 1874.
c^1*–h*^{1}. Hatched in the Gardens, June 28, 1875.
i^1*–m*^{1}. Bred in the Gardens, June 11, 1876.

970. *Cygnus nigricollis* (Gm.). Black-necked Swan.

Hab. Antarctic America.

a, b. Males. Bred in the Gardens, June 23, 1858.
c. Female. Received in exchange, April 12, 1862.
d–f. Bred in the Gardens, May 19, 1865.
g. Bred in the Gardens, May 4, 1866.
h. Bred in the Gardens, May 9, 1867.
i, j. Bred in the Gardens, June 22, 1868.
k. Purchased, July 25, 1868.
l. Male. Received in exchange, Jan. 12, 1869.
m, n. Males: *o, p*. Females. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.
q, r. Hatched in the Gardens, July 3, 1873.
s. Bred in the Gardens, July 10, 1877.
t, u. Received in exchange, Feb. 21, 1878.
v. Bred in the Gardens, July 20, 1878.
w. Bred in the Gardens, May 23, 1879.
x, y. Purchased, April 16, 1880.
z–b^1. Purchased, May 30, 1880.

971. *Cygnus atratus*, Lath. Black Swan.

Hab. Australia.

a. Male. Purchased, Jan. 15, 1858.
b. Female. Presented by Dr. Mueller, C.M.Z.S., Sept. 19, 1860. From Melbourne.
c. Bred in the Gardens, Nov. 11, 1864.
d–g. Purchased, Oct. 19, 1865.
h. Male. Purchased, Oct. 27, 1865.
i, j. Deposited, March 12, 1866.
k–m. Deposited, Feb. 11, 1867.

n. Male; *o*. Female. Presented by John P. Gassiot, Esq., jun., F.Z.S., June 14, 1867.
p. Presented by H. R. Cox, Esq., Jan. 11, 1869.
q. Female. Deposited, May 4, 1872.
r, *s*. Presented by R. H. Bower, Esq., Aug. 28, 1874.
t. Bred in the Gardens, March 31, 1877.
u, *v*. Deposited, July 19, 1877.
w, *x*. Presented by W. H. Eccles, Esq., Jan. 21, 1878.
y–a^1. Bred in the Gardens, March 11, 1878.
b^1. Male; c^1. Female. Received in exchange, May 19, 1879.
d^1–g^1. Purchased, July 12, 1879.
h^1. Female. Purchased, March 23, 1881.

972. *Cygnus coscoroba* (Mol.). Coscoroba Swan.

Hab. Antarctic America.

a, *b*. Purchased, July 6, 1870. See P.Z.S. 1870, p. 666.
c. Male; *d*. Female. Purchased, May 16, 1871. See P.Z.S. 1871, p. 545.
e. Purchased, Oct. 4, 1871.

Subfamily V. Anatinæ.

Genus Dendrocygna*.

973. *Dendrocygna viduata* (Linn.). White-faced Tree-Duck.

Hab. Brazil.

a–*c*. Presented by W. D. Christie, Esq., F.Z.S., May 28, 1862.
d. Received in exchange, Oct. 15, 1863.
e. Presented by J. M. de Freitas Brance, Esq., April 9, 1868.
f, *g*. Purchased, March 21, 1871.
h–*s*. Purchased, Sept. 16, 1873.
t. Purchased, June 12, 1875.
u, *v*. Purchased, July 16, 1877.
w. Purchased, April 25, 1878.
x. Purchased, Jan. 24, 1879. From Rio de Janeiro.
y, *z*. Purchased, July 29, 1879. From Rio Magdalena.
a^1, b^1. Purchased, May 1, 1882.

---

* On the *Dendrocygnæ* in the Society's Gardens, see Sclater, P.Z.S. 1864, p. 299, and 1866, p. 148.

974. *Dendrocygna autumnalis* (Linn.). Red-billed Tree-Duck.

Hab. America.

a–c. Purchased, March 8, 1864. From Para. (*D. discolor*, Scl. et Salv.) See P. Z. S. 1864, p. 299, et 1876, p. 375.
d–g. Received in exchange, June 8, 1864. From Mexico. See P. Z. S. 1864, pp. 138 and 299.
h, *i*. Presented by Capt. J. M. Dow, C.M.Z.S., May 27, 1867.
j. Purchased, May 26, 1869.
k. Purchased, April 7, 1871.
l. Purchased, Sept. 9, 1871.
m. Purchased, Jan. 17, 1872.
n. Purchased, May 24, 1872.
o–s. Purchased, June 16, 1872.
t, *u*. Purchased, July 26, 1873.
v. Purchased, July 21, 1875.
w. Purchased, May 31, 1876.
x, *y*. Purchased, June 24, 1876.
z. Purchased, Sept. 29, 1876.
a^1, b^1. Purchased, April 25, 1878.
c^1. Presented by R. M. Hyde, Esq., June 20, 1878.
d^1–f^1. Purchased, May 2, 1879.
g^1–i^1. Purchased, June 30, 1879.
j^1. Purchased, July 29, 1879. Rio Magdalena.
k^1. Purchased, Sept. 23, 1879.
l^1, m^1. Presented by G. H. Hawtayne, Esq., April 9, 1881.
n^1, o^1. Purchased, Nov. 30, 1881.
p^1, q^1. Purchased, Nov. 13, 1882.

975. *Dendrocygna arborea* (Linn.). Black-billed Tree-Duck.

Hab. Cuba.

a–d. Purchased, Dec. 26, 1863. See P. Z. S. 1864, p. 300.
e. Purchased, March 2, 1868.
f. Purchased, April 28, 1868.
g. Purchased, Dec. 11, 1869.

976. *Dendrocygna javanica* (Horsf.). Indian Tree-Duck.

Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857.
b–d. Purchased, Sept. 3, 1858.
e, *f*. Purchased, Jan. 1, 1866.
g–i. Purchased, April 18, 1873.
j, *k*. Received in exchange, Feb. 3, 1875.
l, *m*. Received in exchange, June 19, 1878.

977. *Dendrocygna major* (Jerdon). Larger Tree-Duck.
Hab. India and Madagascar.

a. Male; *b*. Female. Purchased, Sept. 18, 1867.

978. *Dendrocygna fulva* (Gm.). Fulvous Tree-Duck.
Hab. Brazil.

a, *b*. Purchased, June 6, 1867. See P. Z. S. 1867, p. 687.
c, *d*. Purchased, Sept. 9, 1871.
e, *f*. Hatched in the Gardens, Aug. 4, 1872.
g. Purchased, Aug. 14, 1877.
h. Presented by George Ransome, Esq., Dec. 1, 1877.

979. *Dendrocygna eytoni* (Gould). Eyton's Tree-Duck.
Hab. North-west Australia.

a, *b*. Presented by Dr. Geo. Bennett, F.Z.S., May 11, 1867. See P. Z. S. 1867, p. 686.
c. Purchased, March 25, 1880.

Genus Sarcidiornis.

980. *Sarcidiornis melanonota* (Forst.). Black-backed Goose.
Hab. India.

a. Male; *b*. Female. Purchased, Sept. 18, 1867.
c. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 14, 1868.
d. Male; *e*. Female. Purchased, July 5, 1876. See P. Z. S 1876, p. 695, pl. lxvii.

981. *Sarcidiornis carunculata* (Licht.). American Black-backed Goose.
Hab. South America.

a–*c*. Purchased, March 6, 1876. From Maranham. See P. Z. S. 1876, p. 377, and p. 695, pl. lxviii.
d, *e*. Presented by Miss Davis, Oct. 16, 1880. From the Sertoes of Pernambuco.

Genus Tadorna*.

982. *Tadorna vulpanser*, Flem. Common Sheldrake.

Hab. Europe.

a. Male; *b*. Female. Hybrids between this species and *Casarca cana* (Gm.). Bred in the Gardens, June 26, 1859.
c. Male; *d*. Female. Purchased, June 24, 1860.
e. Male; *f*. Female. Purchased, May 13, 1867.
g–i. Presented by Lord Francis Conyngham, F.Z.S., Sept. 28, 1867.
j–l. Purchased, April 27, 1868.
m. Male; *n*. Female. Received in exchange, April 14, 1869.
o. Male; *p*. Female. Received in exchange, May 20, 1875.
q. Female. Presented by Miss Maud Howard, Sept. 15, 1875.
r, *s*. Males; *t*, *u*. Females. Purchased, May 25, 1879.
v–y. Purchased, Aug. 4, 1880.
z, a^1. Males; b^1, c^1. Females. Purchased, May 10, 1882.

983. *Tadorna casarca* (Linn.). Ruddy Sheldrake.

Hab. Europe.

a. Male; *b*. Female. Bred in the Gardens, May 13, 1859. See P. Z. S. 1864, p. 190.
c. Male; *d*. Female. Bred in the Gardens, June 2, 1861. See P. Z. S. 1864, p. 190.
e. Male. Received in exchange, Nov. 13, 1862.
f. Bred in the Gardens, 1863. See P. Z. S. 1864, p. 190.
g–m. Bred in the Gardens, May 18, 1867.
n–x. Bred in the Gardens, May 20, 1868.
y–f^1. Bred in the Gardens, May 19, 1869.
g^1–m^1. Bred in the Gardens, May 19, 1870.
n^1, o^1. Bred in the Gardens, May 17, 1871.
p^1–s^1. Hatched in the Gardens, May 19, 1872.
t^1–v^1. Purchased, June 18, 1872.
w^1–z^1. Hatched in the Gardens, May 25, 1873.
a^2–d^2. Hatched in the Gardens, May 21, 1874.
e^2, f^2. Females. Purchased, Oct. 15, 1878.
g^2. Male; h^2. Female. Received in exchange, Oct. 25, 1878.
i^2. Male; j^2. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
k^2–m^2. Males. Purchased, June 22, 1880.
n^2. Bred in the Gardens, June 4, 1881.
o^2. Purchased, May 27, 1882.

* On the *Tadornæ* in the Society's Gardens, see P. Z. S. 1864, p. 189, and 1866, p. 148.

984. *Tadorna cana* (Gm.). White-fronted Sheldrake.
Hab. South Africa.

a. Female. Purchased at the Knowsley sale, 1851. See, for notice of various hybrids bred between this bird and other species, P. Z. S. 1859, p. 442, Aves, pl. CLVIII.; also P. Z. S. 1864, p. 190.

985. *Tadorna tadornoides*, Jard. & Selb. Australian Sheldrake.
Hab. South Australia.

a–c. Females. Presented by the Hon. J. C. Hawker, Speaker of the House of Assembly, Adelaide, April 3, 1862. See P. Z. S. 1862, p. 185, and 1864, p. 191, pl. XVIII.
d, *e*. Males. Presented by the Acclimatization Society of Victoria, Sept. 22, 1863.
f–h. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
i. Purchased, April 29, 1871.
j. Male; *k*. Female. Purchased, June 18, 1878.

986. *Tadorna variegata* (Gm.). Variegated Sheldrake.
Hab. New Zealand.

a. Male; *b*. Female. Presented by J. D. Tetley, Esq., Aug. 3, 1863. Specimens figured, P. Z. S. 1864, p. 191, pl. XIX.
c–g. Bred in the Gardens, May 17, 1865. See P. Z. S. 1866, p. 149.
h–j. Bred in the Gardens, May 8, 1866.
k–m. Bred in the Gardens, May 5, 1867.
n. Presented by Mrs. Pricket, July 7, 1868.
o–t. Bred in the Gardens, May 12, 1869.
u–a^1. Bred in the Gardens, July 12, 1870.
b^1. Bred in the Gardens, July 30, 1870.
c^1–*i*^{1}. Hatched in the Gardens, May 29, 1872.
j^1, *k*^{1}. Presented by Mr. Bills, Sept. 30, 1872.
l^1–*o*^{1}. Hatched in the Gardens, May 19, 1873.
p^1. Male. Received in exchange, Aug. 27, 1873.
q^1. Presented by the Acclimatization Society of Otago, Oct. 15, 1873.
r^1–*t*^{1}. Hatched in the Gardens, May 27, 1874.
u^1, *v*^{1}. Hatched in the Gardens, May 29, 1875.
w^1–*a*^{2}. Bred in the Gardens, May 11, 1876.
b^2, *c*^{2}. Bred in the Gardens, May 16, 1877.
d^2–*f*^{2}. Bred in the Gardens, June 3, 1877.
g^2. Male. Received in exchange, Feb. 26, 1878.
h^2. Male. Purchased, March 16, 1878.
i^2–*l*^{2}. Bred in the Gardens, May 17, 1878.

m^2. Male. Received in exchange, May 23, 1878.
n^2–q^2. Bred in the Gardens, June 15, 1880.
r^2. Received in exchange, Oct. 25, 1880.
s^2–u^2. Bred in the Gardens, May 29, 1881.
v^2, w^2. Bred in the Gardens, April 29, 1881.

Genus Cairina.

987. *Cairina moschata* (Linn.) Muscovy Duck.

Hab. South America.

a. Male; *b*, *c*. Females. Presented by Mr. W. Petty, May 6, 1880.
d. Received in exchange, Oct. 26, 1882.
e–*o*. Presented by Major Finlay, Dec. 20, 1882.

Genus Anas.

988. *Anas boscas*, Linn. Wild Duck.

Hab. Europe.

a, *b*. Males; *c*, *d*. Females. Presented by D. B. Bullen, Esq., June 17, 1869.
e–*g*. Presented by D. B. Bullen, Esq., July 31, 1869.
h. Male; *i*. Female. Deposited, Dec. 14, 1870.
j. Male; *k*. Female. Purchased, Feb. 24, 1874.
l. Male; *m*. Female. Presented by Mrs. Wilson, Oct. 1, 1874.
n, *o*. Presented by C. Clifton, Esq., F.Z.S., Jan. 31, 1876.
p. Presented by C. Clifton, Esq., F.Z.S., Feb. 22, 1876.
q. Presented by J. Guthrie, Esq., F.Z.S., Oct. 16, 1877. Penguin Ducks.
r–*t*. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
u. Female. Purchased, Jan. 21, 1880.
v. Female. Purchased, May 4, 1882.

989. *Anas obscura*, Gm. Dusky Duck.

Hab. North America.

a. Bred in the Gardens, 1860.
b. Male; *c*. Female. Bred in the Gardens, May 21, 1861.
d, *e*. Presented by A. Downs, Esq., C.M.Z.S., Oct. 4, 1863. From Halifax.
f. Bred in the Gardens, May 23, 1865.
g–*j*. Bred in the Gardens, May 8, 1866.
k, *l*. Presented by A. Downs, Esq., C.M.Z.S., Oct. 7, 1866. From Halifax, Nova Scotia.
m. Presented by A. Downs, Esq., C.M.Z.S., Feb. 28, 1867.
n–*r*. Bred in the Gardens, May 10, 1867.

990. *Anas superciliosa*, Gm. Australian Wild Duck.
Hab. Australia.

a–z^1. See former editions.
a^2–d^2. Hatched in the Gardens, June 19, 1873.
e^2–i^2. Hatched in the Gardens, June 6, 1874.
j^2–p^2. Hatched in the Gardens, June 20, 1874.
q^2–u^2. Hatched in the Gardens, June 25, 1875.
v^2–a^3. Hatched in the Gardens, July 30, 1875.
b^3–d^3. Bred in the Gardens, June 22, 1878.
e^3–g^3. Purchased, Feb. 17, 1879.
h^3–j^3. Purchased, April 4, 1879.
k^3–n^3. Presented by Messrs. A. H. Jamrach and C. Rice, June 17, 1879.
o^3–q^3. Bred in the Gardens, June 23, 1879.
r^3–t^3. Bred in the Gardens, July 11, 1879.
u^3. Bred in the Gardens, Aug. 7, 1879.
v^3–z^3. Bred in the Gardens, July 23, 1880.
a^4–g^4. Bred in the Gardens, June 14, 1881.
h^4–n^4. Received in exchange, July 22, 1881.

991. *Anas pœcilorhyncha*, Penn. Spotted-billed Duck.
Hab. India.

a–c. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 14, 1868.
d–h. Presented by E. Buck, Esq., May 16, 1872. See P. Z. S. 1872, p. 729.
i–o. Hybrids between a male of this species and half-bred female of the same species. Hatched in the Gardens, June 12, 1872.
p. Hatched in the Gardens, June 2, 1874.
q–t. Deposited, June 3, 1874.
u, v. Hatched in the Gardens, June 2, 1875.
w–c^1. Hatched in the Gardens, June 14, 1875.
d^1, e^1. Males; f^1. Female. Presented by E. Buck, Esq., March 3, 1876.
g^1–o^1. Bred in the Gardens, June 5, 1876.
p^1–v^1. Bred in the Gardens, June 13, 1877.
w^1–c^2. Bred in the Gardens, June 19, 1877.
d^2–f^2. Bred in the Gardens, June 23, 1879.
g^2–i^2. Bred in the Gardens, May 22, 1881.

992. *Anas xanthorhyncha*, Forst. Yellow-billed Duck.
Hab. South Africa.

a. Male; b. Female. Bred in the Gardens, May 20, 1859.
c. Male; d. Female. Bred in the Gardens, May 30, 1860.
e, f. Bred in the Gardens, June 1, 1863.

g. Bred in the Gardens, June 17, 1868.
h. Bred in the Gardens, June 18, 1870.
i–o. Hybrids. Bred in the Gardens, June 11, 1871.
p. Purchased, Jan. 27, 1873.
q, r. Received in exchange, Sept. 6, 1876.
s. Bred in the Gardens, July 11, 1879.
t–e[1]. Bred in the Gardens, May 24, 1880.

993. *Anas castanea*, Eyton. Chestnut-breasted Duck.

Hab. Australia.

a. Female. Purchased, May 11, 1865.
b, c. Deposited, July 20, 1866.
d. Purchased, June 15, 1870. See Prof. Newton's notice, P. Z. S. 1871, p. 649.
e, f. Males. Purchased, Dec. 24, 1881.

994. *Anas gibberifrons*, Müller. Slender Duck.

Hab. Australia.

a–r. Purchased, Aug. 22, 1879, as *Anas castanea*. See P. Z. S. 1882, p. 452.
s–v. Bred in the Gardens, April 21, 1882.

995. *Anas specularis*, King. White-marked Duck.

Hab. Antarctic America.

a. Purchased, May 26, 1881.

Genus Chaulelasmus.

996. *Chaulelasmus streperus* (Linn.). Gadwall.

Hab. Europe.

a, b. Males; *c, d*. Females. Bred in the Gardens, June 20, 1861.
e. Purchased, Jan. 27, 1873.
f. Male; *g*. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.

Genus Rhodonessa.

997. *Rhodonessa caryophyllacea* (Latham). Pink-headed Duck.

Hab. India.

a. Male; *b*. Female. Purchased, Jan. 12, 1874. See P. Z. S. 1874, p. 110; also Garrod, P. Z. S. 1875, p. 153.

Genus QUERQUEDULA.

998. *Querquedula crecca* (Linn.). Common Teal.

Hab. Europe.

a. Male; *b*. Female. Bred in the Gardens, June 24, 1860.
c. Male; *d*. Female. Bred in the Gardens, June 1861.
e, *f*. Females. Purchased, May 22, 1865.
g–*i*. Bred in the Gardens, July 6, 1865.
j. Presented by T. M. Hayward, Esq., June 28, 1866.
k–*v*. Purchased, April 29, 1867.
w. Purchased, May 10, 1870.
x. Male; *y*. Female. Purchased, Jan. 12, 1874.
z–e^1. Bred in the Gardens, July 24, 1876.
d^1. Male; e^1. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
f^1–k^1. Males; l^1–q^1. Females. Purchased, April 4, 1879.
r^1–t^1. Bred in the Gardens, July 22, 1880.

999. *Querquedula brasiliensis* (Gm.). Brazilian Teal.

Hab. South America.

a. Purchased, March 8, 1864. From Para.
b. Male; *c*. Female. Received in exchange, Oct. 20, 1873.
d. Male. Purchased, April 7, 1874.
e. Male; *f*. Female. Purchased, May 25, 1875.
g. Male. Purchased, June 12, 1875.
h. Female. Purchased, May 9, 1876.
i. Male; *j*. Female. Purchased, July 18, 1876.
k–*o*. Purchased, Sept. 29, 1876.
p, *q*. Males; *r*. Female. Purchased, Aug. 30, 1877.
s, *t*. Bred in the Gardens, June 11, 1878.
u–a^1. Bred in the Gardens, Aug. 7, 1879.
b^1. Purchased, March 31, 1880.
c^1. Male; d^1. Female. Received in exchange, Nov. 23, 1881.

1000. *Querquedula formosa* (Gm.). Japanese Teal.

Hab. North-eastern Asia.

a, *b*. Males; *c*, *d*. Females. Purchased, Sept. 24, 1867. See P. Z. S. 1867, p. 815.
e. Male; *f*. Female. Deposited, Aug. 15, 1873.
g–*i*. Males. Deposited, Feb. 27, 1874.
j. Male; *k*. Female. Deposited, April 13, 1874.
l. Male; *m*. Female. Deposited, Nov. 25, 1874.
n–*p*. Males; *q*–*s*. Females. Purchased, June 8, 1876.
t. Male. Received in exchange, April 25, 1881.

1001. *Querquedula falcata* (Pallas). Falcated Teal.

Hab. China.

a, *b*. Males. Purchased, Feb. 27, 1874. See P. Z. S. 1874, p. 152.
c, *d*. Males; *e*. Female. Deposited, May 29, 1874.
f. Male; *g*, *h*. Females. Purchased, May 29, 1874.

1002. *Querquedula creccoides* (King). Chilian Teal.

Hab. Antarctic America.

a, *b*. Purchased, Oct. 4, 1871. See P. Z. S. 1871, p. 700.
c. Male; *d*, *e*. Females. Purchased, May 29, 1874.
f, *g*. Males; *h*. Female. Deposited, May 29, 1874.
i. Presented by Mr. W. Petty, Sept. 5, 1879.
j. Male. Presented by Mons. J. M. Cornély, C.M.Z.S., Dec. 24, 1881.

1003. *Querquedula circia* (Linn.). Garganey.

Hab. Europe.

a. Male. Presented by Earl Fitzwilliam, F.Z.S., Feb. 11, 1858.
b, *c*. Males; *d*, *e*. Females. Purchased, May 22, 1865.
f. Purchased, April 29, 1867.
g, *h*. Males. Purchased, May 10, 1870.
i–*l*. Males; *m*–*p*. Females. Received in exchange, April 30, 1875.
q. Male; *r*. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
s–*x*. Males; *y*–*d*^{1}. Females. Purchased, May 7, 1879.
e^1–*g*^{1}. Bred in the Gardens, July 23, 1880.

Genus Dafila.

1004. *Dafila acuta* (Linn.). Pintail.

Hab. Europe.

a–*c*. Females. Bred in the Gardens, May 16, 1860.
d, *e*. Males; *f*. Female. Bred in the Gardens, May 15, 1861.
g–*i*. Males. Purchased, May 22, 1865.
j. Male; *k*. Female. Deposited, May 20, 1867.
l, *m*. Males. Purchased, April 2, 1870.
n, *o*. Males; *p*. Female. Purchased, April 19, 1872.
q, *r*. Females. Purchased, Feb. 24, 1874.
s. Male. Presented by J. Baily, Esq., F.Z.S., March 10, 1874.

t. Male; *u*. Female. Presented by E. C. Buck, Esq., March 3, 1876.
v. Male; *w*. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
x. Male; *y*. Female. Purchased, May 7, 1879.

1005. *Dafila spinicauda* (Vieill.). Chilian Pintail.

Hab. Antarctic America.

a–h. Purchased, July 6, 1870. See P. Z. S. 1870, p. 666, pl. XXXVIII.
i–k. Hatched in the Gardens, June 11, 1872.
l–o. Hatched in the Gardens, June 22, 1872.
p–u. Hatched in the Gardens, April 28, 1873.
v–z. Hatched in the Gardens, May 9, 1873.
a^1–h^1. Hatched in the Gardens, May 31, 1873.
i^1–o^1. Hatched in the Gardens, June 16, 1873.
p^1–r^1. Purchased, Oct. 5, 1873.
s^1–y^1. Hatched in the Gardens, April 22, 1874.
z^1–f^2. Hatched in the Gardens, May 9, 1874.
g^2–n^2. Hatched in the Gardens, May 14, 1874.
o^2–t^2. Hatched in the Gardens, April 26, 1875.
u^2–z^2. Hatched in the Gardens, May 11, 1875
a^3. Bred in the Gardens, March 10, 1876.
b^3. Bred in the Gardens, July 24, 1876.
c^3. Bred in the Gardens, May 1, 1877.
d^3. Bred in the Gardens, June 15, 1877.
e^3. Bred in the Gardens, June 21, 1877.
f^3. Bred in the Gardens, June 26, 1877.
g^3. Purchased, Jan. 30, 1878.
h^3. Bred in the Gardens, May 10, 1878.
i^3. Bred in the Gardens, May 23, 1878.
j^3. Male; k^3. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
l^3–n^3. Bred in the Gardens, June 23, 1879.
o^3–q^3. Bred in the Gardens, Aug. 7, 1879.
r^3. Presented by Mr. W. Petty, Sept. 5, 1879.
s^3–v^3. Bred in the Gardens, May 1, 1880.
w^3–z^3. Purchased, May 26, 1881.
a^4–c^4. Bred in the Gardens, April 12, 1882.

1006. *Dafila bahamensis* (Linn.). Bahama Duck.

Hab. South America.

a–c. Bred in the Gardens, July 31, 1860.
d. Received in exchange, Dec. 3, 1860.
e. Deposited, Aug. 16, 1862.
f. Male. Deposited, 1863.
g–i. Bred in the Gardens, June 1, 1863.

j–*m*. Bred in the Gardens, June 14, 1865.
n. Bred in the Gardens, July 7, 1865.
o–*u*. Bred in the Gardens, July 6, 1866.
v. Deposited, June 7, 1867.
w–a^1. Bred in the Gardens, June 22, 1867.
b^1, c^1. Bred in the Gardens, July 19, 1867.
d^1–f^1. Bred in the Gardens, June 25, 1868.
g^1, h^1. Bred in the Gardens, June 30, 1868.
i^1–s^1. Purchased, Dec. 3, 1868.
t^1–w^1. Bred in the Gardens, June 26, 1869.
x^1. Bred in the Gardens, July 6, 1870.
y^1. Purchased, June 27, 1873.
z^1–b^2. Received in exchange, Oct. 30, 1873.
c^2. Purchased, May 25, 1875.
d^2–f^2. Purchased, Sept. 29, 1876.
g^2. Bred in the Gardens, Aug. 31, 1878.

1007. *Dafila erythrorhyncha* (Gm.). Red-billed Duck.
Hab. South Africa.

a. Male; *b*. Female. Bred in the Gardens, July 5, 1859.
c, *d*. Bred in the Gardens, July 9, 1860.

Genus Mareca.

1008. *Mareca penelope* (Linn.). Wigeon.
Hab. Europe.

a. Male; *b*. Female. Purchased, 1861.
c. Male; *d*. Female. Supposed hybrids between this species and *Querquedula crecca* (Linn.), known as the Bimaculated Duck. Purchased, Feb. 1861.
e, *f*. Supposed hybrids between this species and *Querquedula crecca* (Linn.), known as the Bimaculated Duck. Presented by J. A. Heaton, Esq., Oct. 18, 1864.
g. Male; *h*. Female. Deposited, May 20, 1867.
i, *j*. Purchased, Dec. 10, 1869.
k–*m*. Males; *n*–*p*. Females. Purchased, Jan. 12, 1870.
q–*x*. Bred in the Gardens, June 24, 1870.
y. Male; *z*. Female. Presented by W. Lawson, Esq., June 29, 1870.
a^1–d^1. Hatched in the Gardens, June 29, 1872.
e^1. Male; f^1. Female. Purchased, Jan. 27, 1873.
g^1, h^1. Hatched in the Gardens, June 30, 1874.
i^1. Male; j^1. Female. Presented by C. Clifton, Esq., Feb. 22, 1876.
k^1. Presented by F. Cresswell, Esq., Jan. 23, 1879.

l^1. Male; m^1. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
n^1. Male; o^1. Female. Purchased, May 7, 1879.
p^1–w^1. Males; v^1–a^2. Females. Purchased, May 24, 1879.
b^2, c^2. Males; d^2, e^2. Females. Purchased, Jan. 21, 1880.
f^2, g^2. Purchased, Oct. 16, 1880.
h^2–j^2. Bred in the Gardens, July 5, 1881.
k^2, l^2. Males; m^2, n^2. Females. Purchased, July 27, 1881.
o^2, p^2. Purchased, May 31, 1882.

1009. *Mareca chiloensis* (King). Chiloe Wigeon.
Hab. Chili.

a–*c*. Males; *d*–*f*. Females. Purchased, July 6, 1870. See P. Z. S. 1870, p. 667.
g–*m*. Bred in the Gardens, June 7, 1871.
n. Purchased, Oct. 4, 1871.
o–*y*. Hatched in the Gardens, May 22, 1872.
z–j^1. Hatched in the Gardens, May 29, 1873.
k^1–r^1. Hatched in the Gardens, May 28, 1874.
s^1–y^1. Hatched in the Gardens, July 3, 1874.
z^1–b^2. Hatched in the Gardens, June 2, 1875.
c^2–g^2. Hatched in the Gardens, July 10, 1875.
h^2–n^2. Bred in the Gardens, June 7, 1876.
o^2–r^2. Received in exchange, Nov. 28, 1876.
s^2. Received in exchange, Dec. 6, 1876.
t^2. Hybrid between this species and *Dafila spinicauda*. Presented by J. Charlton Parr, Esq., April 24, 1878.
u^2–x^2. Bred in the Gardens, June 22, 1878.
y^2, z^2. Males; a^3, b^3. Females. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
c^3, d^3. Bred in the Gardens, June 15, 1879.
e^3–i^3. Bred in the Gardens, June 14, 1881.
j^3. Male; k^3, l^3. Females. Purchased, May 2, 1882.
m^3. Bred in the Gardens, June 12, 1882.
n^3, o^3. Bred in the Gardens, July 7, 1882.

Genus Spatula.

1010. *Spatula clypeata* (Linn.). Shoveller.
Hab. Europe.

a–*c*. Males. Bred in the Gardens, July 4, 1859.
d, *e*. Males; *f*. *g*. Females. Purchased, May 22, 1865.
h–*l*. Bred in the Gardens, July 9, 1870.
m–*s*. Hatched in the Gardens, July 8, 1872.
t. Male; *u*. Female. Purchased, April 7, 1875.
v–*x*. Bred in the Gardens, July 10, 1876.
y, *z*. Males; a^1, b^1. Females. Purchased, May 7, 1879.

Genus Æx.

1011. *Æx sponsa* (Linn.). Summer-Duck.

Hab. North America.

a–z^2. See former editions.
a^3, b^3. Males; c^3, d^3. Females. Presented by Lord Braybrooke, F.Z.S., Feb. 3, 1875.
e^3–n^3. Hatched in the Gardens, June 16, 1875.
o^3–q^3. Bred in the Gardens, July 1, 1876.
r^3, s^3. Bred in the Gardens, July 10, 1876.
t^3–w^3. Bred in the Gardens, June 5, 1877.
x^3–e^4. Bred in the Gardens, June 21, 1877.
f^4–h^4. Females. Presented by Lord Braybrooke, F.Z.S., Jan. 14, 1878.
i^4–l^4. Bred in the Gardens, June 28, 1878.
m^4. Male. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
n^4–q^4. Males; r^4–u^4. Females. Purchased, Feb. 28, 1880.
v^4. Male; w^4. Female. Presented by Lord Braybrooke, F.Z.S., Nov. 9, 1880.
x^4–f^5. Bred in the Gardens, June 9, 1881.
g^5, h^5. Males; i^5, j^5. Females. Purchased, May 31, 1882.
k^5–r^5. Bred in the Gardens, June 19, 1882.

1012. *Æx galericulata* (Linn.). Mandarin Duck.

Hab. China.

a. Female. Bred in the Gardens, June 2, 1859.
b. Male. Deposited, April 15, 1862.
c. Male; *d*. Female. Bred in the Gardens, 1862.
e. Male. Bred in the Gardens, June 1, 1863.
f. Male. Received in exchange, March 23, 1865.
g, *h*. Bred in the Gardens, June 14, 1865.
j–*n*. Bred in Gardens, July 7, 1866.
o. Purchased, March 15, 1868.
p–*r*. Bred in the Gardens, June 18, 1868.
s. Male. Purchased, Jan. 22, 1869.
t–b^1. Bred in the Gardens, July 1, 1869.
c^1, d^1. Males; e^1, f^1. Females. Purchased, Feb. 3, 1870
g^1, h^1. Purchased, Feb. 3, 1870.
i^1, j^1. Males. Purchased, Feb. 10, 1870.
k^1, l^1. Bred in the Gardens, June 29, 1870.
m^1–r^1. Received in exchange, Nov. 10, 1870.
s^1–x^1. Bred in the Gardens, June 27, 1871.
y^1–b^2. Hatched in the Gardens, July 19, 1872.
c^2. Male. Purchased, Nov. 14, 1872.
d^2–g^2. Hatched in the Gardens, June 13, 1874.
h^2 p^2. Hatched in the Gardens, July 16, 1874.

q^2. Received in exchange, Feb. 22, 1875.
r^2. Male; s^2. Female. Purchased, Jan. 16, 1878.
t^2. Male; u^2. Female. Presented by Edward Trelawny, Esq., Oct. 22, 1878.
v^2. Female. Purchased, Oct. 23, 1878.
w^2. Male; x^2. Female. Presented by R. J. Balston, Esq., F.Z.S., April 4, 1879.
y^2–b^3. Males; c^3–f^3. Females. Purchased, Feb. 28, 1880.
g^3–j^3. Bred in the Gardens, June 15, 1880.
k^3, l^3. Purchased, Oct. 1, 1880.
m^3. Male; n^3. Female. Purchased, May 14, 1881.
o^3. Bred in the Gardens, June 14, 1881.
p^3. Male; q^3. Female. Received in exchange, Nov. 23, 1881.
r^3–v^3. Bred in the Gardens, June 12, 1882.

Genus Metopiana *.

1013. *Metopiana peposaca* (Vieill.). Rosy-billed Duck.

Hab. South America.

a. Purchased, June 6, 1867. See P. Z. S. 1867, p. 687.
b–*d*. Males; *e*–*g*. Females. Purchased, July 6, 1870. See notice and figures, P. Z. S. 1870, p. 666, pl. xxxvii.
h, *i*. Hatched in the Gardens, July 20, 1873.
j, *k*. Purchased, Oct. 5, 1873.
l–*t*. Hatched in the Gardens, July 6, 1874.
u, *v*. Hatched in the Gardens, Sept. 7, 1875.
w–*y*. Bred in the Gardens, July 1, 1876.
z–e^1. Bred in the Gardens, July 11, 1879.

Subfamly VI. Fuligulinæ.

Genus Fuligula.

1014. *Fuligula cristata* (Leach). Tufted Duck.

Hab. Europe.

a, *b*. Females. Purchased, Nov. 22, 1860.
c–*f*. Hybrids between this species and *Nyroca leucophthalma* (Bechst.) for three or four generations. Bred in the Gardens, June 12, 1861.
g. Male. Purchased, Jan. 16, 1862.

* On the trachea of this genus, see Garrod, P. Z. S. 1875, p. 154.

k, *i*. Males; *j*, *k*. Females. Purchased, May 22, 1865.
l. Purchased, Jan. 20, 1870.
m. Male. Purchased, March 24, 1870.
n, *o*. Males; *p*, *q*. Females. Purchased, April 19, 1872.
r–*t*. Males; *u*–*w*. Females. Purchased, May 7, 1879.

1015. *Fuligula marila* (Linn.). Scaup.

Hab. Europe.

a. Hybrid, supposed to be between this species and *Nyroca leucophthalma* (Bechst.). Purchased, March 26, 1861.
b. Male; *c*. Female. Purchased, April 24, 1861.
d–*i*. Males; *j*–*o*. Females. Received in exchange, March 10, 1865.
p. Male. Presented by H. Colliver, Esq., April 17, 1876.
q. Male; *r*. Female. Purchased, Jan. 21, 1880.

1016. *Fuligula mariloides* (Vigors). Chinese Scaup Duck.

Hab. China.

a–*c*. Females. From Ningpo. Presented by R. Swinhoe, Esq., F.Z.S., Feb. 22, 1873. See P. Z. S. 1873, p. 312.

1017. *Fuligula ferina* (Linn.). Pochard.

Hab. Europe.

a. Male; *b*. Female. Purchased, Nov. 29, 1860.
c. Male. Purchased, Feb. 27, 1874. From China.
d. Male. Presented by Capt. Salvin, Feb. 15, 1876.
e–*j*. Males: *k*–*p*. Females. Purchased, May 7, 1879.
q. Male; *r*. Female. Hybrids between this species and *Æx sponsa*. Presented by Mons. J. M. Cornély, Nov. 22, 1882.

1018 *Fuligula rufina* (Pallas). Red-crested Pochard.

Hab. India.

a. Male. Presented by E. C. Buck, Esq., June 3, 1874.
b–*s*. 12 Males; 6 Females. Presented by E. C. Buck, Esq., March 6, 1876.
t–*v*. Bred in the Gardens, May 11, 1881.

1019. *Fuligula brunnea* (Eyt.). Brown Duck.

Hab. South Africa.

a. Purchased, Nov. 8, 1851.

Genus Nyroca.

1020. *Nyroca ferruginea* (Gm.). White-eye Duck.

Hab. Europe.

a. Male. Purchased, 1857.
b, *c*. Males; *d*–*g*. Females. Purchased, May 22, 1865.
h. Deposited, May 20, 1867.

Genus Clangula.

1021. *Clangula glaucion* (Linn.). Goldeneye.

Hab. Europe.

a–*i*. Purchased, Jan. 16, 1862.
j. Female. Purchased, March 3, 1862.
k–*s*. Received in exchange, April 6, 1866.
t, *u*. Male; *v*. Female. Purchased, March 24, 1870.
w. Male. Purchased, Dec. 22, 1882.

Genus Hymenolæmus.

1022. *Hymenolæmus malacorhynchus* (Gmel.). Soft-billed Duck.

Hab. New Zealand.

a. Presented by the Acclimatization Society of Otago, New Zealand, May 31 1876. See P. Z. S. 1876, p. 463.

Genus Œdemia.

1023. *Œdemia nigra* (Linn.). Common Scoter.

Hab. British Islands.

a. Purchased, May 11, 1864.
b–*e*. Purchased, May 10, 1866.
f. Presented by Capt. E. Dixon, April 24, 1877.
g. Presented by J. E. Harting, Esq., F.Z.S., April 20, 1880.

Genus Somateria.

1024. *Somateria mollissima* (Linn.). Eider Duck.

Hab. Europe.

a, *b*. Purchased, Nov. 2, 1866.
c, *d*. Purchased, Nov. 10, 1868.
e. Male; *f*. Female. Purchased, Aug. 2, 1869.

Genus Tachyeres.

1025. *Tachyeres cinereus* (Gm.). Loggerhead Duck.

Hab. Falkland Islands.

a. Presented by Capt. Moore, R.N., Sept. 5, 1861. See P. Z. S. 1861, p. 367.
b. Presented by F. E. Cobb, Esq., June 12, 1882.

Genus Biziura.

1026. *Biziura lobata* (Shaw). Musk-Duck.

Hab. Australia.

a, *b*. Males. Purchased, Feb. 8, 1882. See P. Z. S. 1882, pp. 311 and 455.

Subfamily VII. Merginæ.

Genus Mergus.

1027. *Mergus merganser*, Linn. Goosander.

Hab. British Islands.

a, *b*. Females. Presented by Anthony Sanaze, Esq., March 5, 1864.
c. Male. Purchased, Nov. 28, 1865.
d. Male; *e*. Female. Purchased, March 30, 1867.
f. Purchased, Dec. 3, 1880.
g. Purchased, Dec. 7 1880.

1028. *Mergus serrator*, Linn. Red-breasted Merganser.

Hab. British Islands.

a, *b*. Purchased, Aug. 13, 1866.
c. Purchased, Nov. 18, 1881.

1029. *Mergus albellus*, Linn. Smew.

Hab. British Islands.

a. Female. Purchased, April 15, 1869.
b. Male. Purchased, April 2, 1870.

Order XI. COLUMBÆ.

Family CARPOPHAGIDÆ.

Genus Carpophaga.

1030. *Carpophaga ænea* (Linn.). Bronze Fruit-Pigeon.
Hab. India.

a. Purchased, Jan. 1, 1866.
b. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 6, 1867. See P. Z. S. 1867, p. 821.
c–e. Received in exchange, Nov. 1, 1871.
f. Presented by Mr. A. H. Jamrach, Aug. 23, 1878.

1031. *Carpophaga paulina* (Temm.). Red-naped Fruit-Pigeon.
Hab. Celebes.

a, *b*. Received in exchange, Sept. 9, 1874. See P. Z. S. 1876, p. 519.
c, *d*. Purchased, April 15, 1880.

1032. *Carpophaga globicera* (Wagler). Wattled Fruit-Pigeon.
Hab. Samoan Islands.

a. Purchased, Oct. 20, 1862.
b, *c*. Purchased, April 19, 1866.

1033. *Carpophaga latrans*, Peale. Brown-tailed Fruit-Pigeon.
Hab. Society Islands.

a, *b*. Purchased, April 19, 1866.

1034. *Carpophaga bicolor* (Scop.). Nutmeg Fruit-Pigeon.
Hab. Moluccas.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 6, 1867.

1035. *Carpophaga luctuosa* (Temm.). White Fruit-Pigeon.
Hab. Northern Australia.

a–d. Purchased, Aug. 29, 1870. See also P. Z. S. 1867, p. 820.

Genus Lopholæmus.

1036. *Lopholæmus antarcticus* (Shaw). Double-crested Pigeon.

Hab. North Australia.

a. Presented by the Acclimatization Society of Sydney, April 10, 1864. See P. Z. S. 1864, p. 158.
b. Presented by the Acclimatization Society of New South Wales, May 5, 1865.
c. Received in exchange, Aug. 8, 1873.
d. Purchased, June 2, 1880.

Genus Ptilopus.

1037. *Ptilopus superbus*, Temm. Superb Fruit-Pigeon.

Hab. North Australia.

a, *b*. Purchased, July 6, 1865.

1038. *Ptilopus jambu* (Gm.). Jambu Fruit-Pigeon.

Hab. Indian archipelago.

a. Deposited, Aug. 29, 1870.
b. Male; *c*. Female. Purchased, Jan. 26, 1874.
d. Deposited, Nov. 5, 1875.

1039. *Ptilopus melanocephalus*, Gm. Black-headed Fruit-Pigeon.

Hab. Java.

a, *b*. Females. Purchased, Oct. 20, 1865.
c. Male. Purchased, July 5, 1866.
d, *e*. Purchased, Feb. 13, 1872.

1040. *Ptilopus fasciatus*, Peale. Banded Fruit-Pigeon.

Hab. Samoan Islands.

a. Purchased, Oct. 20, 1862. See P. Z. S. 1862, p. 325, also 1863, p. 1.

Genus Erythrœnas.

1041. *Erythrœnas pulcherrima* (Scop.). Red-crowned Pigeon.

Hab. Seychelles.

a, *b*. Presented by Lady Barkly, March 17, 1865. See P. Z. S. 1865, p. 318.
c. Purchased, Oct. 3, 1868.

d–g. Presented by the Hon. Sir A. Gordon, C.M.Z.S., Sept. 21, 1874. See P.Z.S. 1874, p. 496.
h–k. Deposited, Sept. 21, 1874.
l–n. Presented by Lady Bowen, Nov. 11, 1880.

Genus Treron.

1042. *Treron bicincta* (Jerd.). Double-banded Pigeon.
Hab. Madras.

a. Female. Deposited, July 7, 1864.
b. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.

1043. *Treron viridis* (Scop.). Parrot Fruit-Pigeon.
Hab. East Indies.

a. Male; *b*. Female. Deposited, Oct. 8, 1876.

1044. *Treron phœnicoptera* (Lath.). Purple-shouldered Pigeon.
Hab. Nepal.

a. Deposited, July 7, 1864.
b. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.

1045. *Treron calva* (Temm.). Bare-faced Fruit-Pigeon.
Hab. West Africa.

a. Received in exchange, March 24, 1870.
b. Purchased, July 30, 1870.
c. Presented by Gen. Sir B. T. Phillips, K.C.B., F.Z.S., Sept. 22, 1870.
d–g. Purchased, Aug. 7, 1871.
h, *i*. Purchased, Dec. 19, 1872.

1046. *Treron sphenura* (Vig.). Wedge-tailed Pigeon.
Hab. Himalaya.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 6, 1867. See P.Z.S. 1867, p. 821.
b. Presented by Mrs. A. H. Jamrach, Aug. 15, 1877.
c. Presented by Mons. J. M. Cornély, C.M.Z.S., March 4, 1881.

1047. *Treron macrorhyncha*, Fraser. Thick-billed Pigeon.
Hab. West Africa.

a. Purchased, Nov. 27, 1865.

Family COLUMBIDÆ.

Genus Columba.

a. *Species Palæarcticæ.*

1048. *Columba œnas,* Linn. Stock-Dove.
Hab. British Islands.

a, b. Presented by Mr. E. Bartlett, Nov. 11, 1862.
c. Presented by John Fletcher, Esq., Nov. 9, 1863.
d. Presented by H. B. Bellamy, Esq., Jan. 9, 1865.
e, f. Bred in the Gardens, July 16, 1867.
g. Presented by John Atlee, Esq., Dec. 7, 1869.
h, i. Presented by C. L. Sutherland, Esq., Jan. 24, 1870.
j, k. Purchased, July 4, 1870.
l, m. Presented by W. Bankes, Esq., April 21, 1871.
n. Presented by Mr. Cheesman, Sept. 14, 1875.
o. Presented by A. Basil Brooke, Esq., Sept. 8, 1880.
p, q. Presented by A. E. C. Streatfield, Esq., Aug. 13, 1881.

1049. *Columba livia,* Bonnaterre. Rock-Pigeon.
Hab. British Islands.

a, b. Presented by W. B. Tegetmeier, Esq., Aug. 3, 1866.
c. Presented by John Gould, Esq., F.Z.S., Dec. 7, 1869.
d–f. (Domestic variety.) Presented by Reginald Zohrab, Esq., Aug. 22, 1881.
g, h. (Domestic variety.) Presented by Reginald Zohrab, Esq., Aug. 30, 1881.

1050. *Columba leuconota,* Vigors. White-backed Pigeon.
Hab. Himalayas.

a, b. Purchased, Feb. 16, 1876. See P. Z. S. 1876, p. 274.
c. Deposited, July 19, 1876.
d. Deposited, May 22, 1877.

1051. *Columba palumbus,* Linn. Ring-Dove.
Hab. British Islands.

a–c. Presented by Robert H. Mitford, Esq., March 22, 1867.
d, e. Presented by Thomas Worthington, Esq., April 2, 1867.
f, g. Presented by John Gould, Esq., V.P.Z.S., Oct. 4, 1867.
h. Presented by W. B. Tegetmeier, Esq., F.Z.S., Dec. 12, 1867.
i. Presented by H. P. Hensman, Esq., Sept. 8, 1869.
j. Presented by C. L. Sutherland, Esq., Jan. 24, 1870.

b. *Species Æthiopicæ.*

1052. *Columba guinea,* Linn. Triangular-spotted Pigeon.
Hab. West Africa.

a, b. Purchased, May 19, 1865.
c. Male; *d.* Female. Purchased, Nov. 10, 1866.
e–h. Purchased, March 5, 1870.
i. Presented by Col. F. C. Hassard, C.B., Jan. 12, 1879.

1053. *Columba arquatrix,* Temm. Spotted Pigeon.
Hab. South Africa.

a. Purchased, May 7, 1864.

c. *Species Americanæ.*

1054. *Columba leucocephala,* Linn. White-crowned Pigeon.
Hab. West Indies.

a. Purchased, May 10, 1865.
b, c. Males; *d, e.* Females. Presented by John A. Palin, Esq., R.M.S. 'Tasmania,' March 31, 1866.
f. Bred in the Gardens, Aug. 1, 1866.
g, h. Presented by Dr. Huggins, C.M.Z.S., Oct. 15, 1866.
i. Bred in the Gardens, July 18, 1867.
j–m. Purchased, Aug. 5, 1867.
n, o. Bred in the Gardens, Aug. 22, 1867.
p. Bred in the Gardens, Dec. 24, 1867.
q. Deposited, April 27, 1869.
r. Purchased, June 14, 1877.

1055. *Columba corensis,* Gm. Porto-Rico Pigeon.
Hab. West Indies.

a, b. Purchased, May 8, 1868.
c–f. Deposited, Aug. 4, 1870.
g–k. Purchased, June 21, 1873.
l. Purchased, Sept. 18, 1873.
m. Purchased, April 8, 1875. From St. Vincent.
n. Bred in the Gardens, Aug. 10, 1876.
o. Bred in the Gardens, Sept. 14, 1877.
p, q. Purchased, July 18, 1882.

1056. *Columba caribbæa,* Linn. Ring-tailed Pigeon.
Hab. Jamaica.

a. Presented by C. Levy, Esq., June 26, 1882.

1057. *Columba speciosa*, Gm. Specious Pigeon.

Hab. South America.

a. Purchased, July 8, 1868.
b. Purchased, June 9, 1871.
c–g. Purchased, April 19, 1876.
h–k. Received in exchange, Aug. 4, 1879.

1058. *Columba picazuro*, Temm. Picazuro Pigeon.

Hab. South America.

a, b. Purchased, May 8, 1868.
c–e. Presented by F. C. Webb, Esq., Sept. 4, 1875.
f–h. Purchased, Oct. 16, 1880. From Pernambuco.
i, j. Purchased, Nov. 9, 1881.

1059. *Columba gymnophthalma*, Temm. Naked-eyed Pigeon.

Hab. South America.

a. Presented by W. D. Christie, Esq., F.Z.S., Oct. 4, 1858.
b. Bred in the Gardens, 1858.
c. Hybrid between this species and *C. maculosa*, Temm. Bred in the Gardens, Aug. 11, 1859.
d. Bred in the Gardens, 1862.
e. Bred in the Gardens, 1863.
f. Received in exchange, May 26, 1873.
g. Hybrid between this species and *C. maculosa*. Bred in the Gardens, June 29, 1875.
h. Hybrid between this species and *C. maculosa*. Bred in the Gardens, Aug. 4, 1875.
i. Hybrid between this species and *C. maculosa*. Bred in the Gardens, Aug. 25, 1875.
j. Hybrid between this species and *C. maculosa*. Bred in the Gardens, Sept. 27, 1875.

1060. *Columba maculosa*, Temm. Spotted Pigeon.

Hab. South America.

a–f. Purchased, July 6, 1870. From Chili. See P. Z. S. 1870, p. 665.
g. Deposited, Oct. 14, 1872.

1061. *Columba albilineata* (Bp.). White-naped Pigeon.

Hab. South America.

a. Purchased, Oct. 19, 1851.

1062. *Columba araucana*, Lesson. Araucanian Pigeon.
Hab. South America.
a. Presented by Lord Lilford, F.Z.S., March 11, 1876.

1063. *Columba rufina* (Temm.). Rufous Pigeon.
Hab. Brazil.
a, *b*. Purchased, June 19, 1867.
c. Purchased, Oct. 16, 1880. From Parahyba.

1064. *Columba inornata*, Vigors. Cuban Pigeon.
Hab. West Indies.
a, *b*. Purchased, May 8, 1868.

1065. *Columba vinacea*, Temm. Vinaceous Pigeon.
Hab. South America.
a, *b*. Purchased, May 7, 1870.
c. Purchased, Aug. 30, 1877.

Genus Ianthœnas.

1066. *Ianthœnas leucolæma*, Gray. White-throated Violet Pigeon.
Hab. Moluccas.
a. Purchased, March 6, 1874. See P. Z. S. 1875, p. 367.

Genus Ectopistes.

1067. *Ectopistes migratorius* (Linn.). Passenger Pigeon.
Hab. North America.
a. Female. Received in exchange, March 8, 1852.
b. Male. Received in exchange, July 8, 1857.
c. Female. Purchased, Aug. 3, 1860.
d, *e*. Males; *f*. Female. Purchased, March 31, 1874.

Genus Zenaidura.

1068. *Zenaidura carolinensis* (Linn.). Carolina Dove.
Hab. North America.
a. Purchased, 1861.

Genus Œna.

1069. *Œna capensis* (Linn.). Cape Dove.

Hab. Africa.

a, *b*. Purchased, May 19, 1865.
c–h. Presented by Henry C. Calvert, Esq., Sept. 5, 1865. From Djeddah, Arabia. See P. Z. S. 1865, p. 675.
i–m. Presented by Mrs. Ross, June 24, 1867.
n, *o*. Presented by Miss L. Saunders, Dec. 31, 1868.
p. Male. Presented by Miss Borrer, March 2, 1876.
q. Male; *r*. Female. Presented by A. Wylde, Esq., Nov. 2, 1877.

Genus Geopelia.

1070. *Geopelia striata* (Linn.). Barred Dove.

Hab. India.

a, *b*. Purchased, Oct. 2, 1863.
c–e. Presented by Arthur Dixon, Esq., Feb. 23, 1864. From Japan.
f–j. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864. See P. Z. S. 1864, p. 139.
k. Bred in the Gardens, Aug. 29, 1865.
l. Presented by Mr. G. Pottier, Sept. 6, 1871.
m, *n*. Presented by W. S. Britton, Esq., Oct. 16, 1871.
o, *p*. Presented by Capt. H. Braddick, Feb. 17, 1879.
q. Presented by H. H. Johnston, Esq., April 13, 1881.

1071. *Geopelia tranquilla*, Gould. Peaceful Dove.

Hab. Australia.

a, *b*. Presented by Mrs. Jackson, May 29, 1868.

1072. *Geopelia placida*, Gould. Placid Ground-Dove.

Hab. Australia.

a. Presented by Mrs. Sparks, Nov. 15, 1864.
b. Presented by G. Waugh, Esq., Dec. 8, 1868.
c, *d*. Presented by Capt. Thacker, Sept. 18, 1872.

1073. *Geopelia cuneata* (Lath.). Graceful Ground-Dove.

Hab. Australia.

a. Purchased, May 21, 1868.
b–e. Presented by Mrs. Jacobson, May 29, 1868.
f, *g*. Purchased, May 12, 1870.

h. Bred in the Gardens, Aug. 23, 1870.
i. Bred in the Gardens, July 7, 1871.
j–l. Purchased, July 29, 1874.
m, *n*. Bred in the Gardens, Sept. 8, 1874.
o, *p*. Bred in the Gardens, Nov. 5, 1874.
q, *r*. Received in exchange, Oct. 7, 1874.
s, *t*. Deposited, April 8, 1880.

1074. *Geopelia humeralis* (Temm.). Barred-shouldered Dove.

Hab. Australia.

a, *b*. Purchased, May 23, 1868.
c, *d*. Bred in the Gardens, July 17, 1868.
e, *f*. Bred in the Gardens, Sept. 7, 1868.
g. Bred in the Gardens, Dec. 30, 1868.
h–k. Received in exchange, Feb. 4, 1869.
l, *m*. Bred in the Gardens, July 19, 1869.
n. Presented by the Directors of the Botanic Gardens, Adelaide, Australia, March 6, 1871. From Port Darwin.

1075. *Geopelia maugæi* (Temm.) Maugé's Dove.

Hab. Timor.

a–c. Purchased, June 4, 1867. See P. Z. S. 1867, p. 687.
d. Bred in the Gardens, Sept. 7, 1868.
e–i. Purchased, April 13, 1870.

Genus Macropygia.

1076. *Macropygia emiliana*, Bp. Emilian Pigeon.

Hab. Java.

a. Purchased, May 22, 1866.

1077. *Macropygia phasianella* (Temm.). Pheasant-tailed Pigeon.

Hab. New South Wales.

a, *b*. Purchased, Jan. 26, 1874.

1078. *Macropygia leptogrammica* (Temm.). Narrow-barred Pigeon.

Hab. Celebes.

a. Purchased, Feb. 16, 1876. See P. Z. S. 1876, p. 274.

Genus Turtur.

1079. *Turtur communis*, Selby. Turtle Dove.

Hab. British Islands.

a, *b*. Deposited, 1863.
c, *d*. Hybrids between this species and *Turtur risorius* (Linn.). Purchased, Dec. 15, 1863.
e–*g*. Presented by Mrs. Sydney, May 19, 1865.
h, *i*. Presented by Robert H. Milford, Esq., March 22, 1867.
j, *k*. Hybrids between this species and *Turtur risorius* (Linn.). Presented by Robert H. Milford, Esq., March 22, 1867.
l. Presented by Thomas Worthington, Esq., April 2, 1867.
m. Presented by Dr. Page, May 10, 1867.
n–*d*[1]. Presented by John P. Gassiot, Esq., jun., June 6, 1873.
e[1]. Bred in the Gardens, Sept. 14, 1878.
f[1]. Presented by Mr. H. Moore, May 6, 1880. Captured at sea.

1080. *Turtur suratensis*, Gm. Spotted Turtle Dove.

Hab. India.

a, *b*. Received in exchange, March 5, 1874.
c. Bred in the Gardens, Aug. 16, 1877.
d. Bred in the Gardens, Sept. 26, 1877.
e. Bred in the Gardens, May 9, 1878.
f. Bred in the Gardens, June 11, 1878.
g. Presented by H.R.H. the Prince of Wales, K.G., F.Z.S., Feb. 5, 1880.

1081. *Turtur meena*, Sykes. Eastern Turtle Dove.

Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864.

1082. *Turtur picturatus* (Temm.). Mauritian Turtle Dove.

Hab. Mauritius.

a, *b*. Presented by Mrs. Moon, May 11, 1866.
c. Presented by Edward Newton, Esq., C.M.Z.S., April 8, 1867.

1083. *Turtur chinensis* (Scop.). Chinese Turtle Dove.

Hab. India.

a. Received, Nov. 25, 1869.
b, *c*. Presented by S. J. F. Stafford, Esq., July 19, 1873.
d. Presented by Major F. Gildea, June 23, 1874.
e–*h*. Deposited, Oct. 12, 1877, and Purchased, Oct. 10, 1878.
i. Presented by Capt. H. Braddick, Feb. 17, 1879.

1084. *Turtur senegalensis* (Linn.). Cambayan Turtle Dove.

Hab. Egypt.

a. Bred in the Gardens, 1861.
b, *c*. Bred in the Gardens, Aug. 10, 1862.
d, *e*. Bred in the Gardens, Sept. 1, 1862.
f. Bred in the Gardens, 1863.
g. Bred in the Gardens, May 22, 1865.

1085. *Turtur vinaceus* (Gm.). Vinaceous Turtle Dove.

Hab. West Africa.

a. Bred in the Gardens, Oct. 18, 1858.
b. Bred in the Gardens, July 15, 1860.
c. Bred in the Gardens, Sept. 26, 1860.
d. Bred in the Gardens, June 27, 1861.
e–*l*. Bred in the Gardens, 1863.
m, *n*. Bred in the Gardens, June 27, 1865.
o, *p*. Bred in the Gardens, Sept. 4, 1865.
q, *r*. Bred in the Gardens, Nov. 17, 1865.
s, *t*. Bred in the Gardens, June 20, 1866.
u. Bred in the Gardens, Aug. 1, 1866.
v. Bred in the Gardens, Sept. 29, 1866.
w, *x*. Bred in the Gardens, Oct. 15, 1866.
y. Bred in the Gardens, July 18, 1867.
z. Bred in the Gardens, Aug. 22, 1867.
a^1, b^1. Presented by J. W. Wooler, Esq., Dec. 21, 1871.
c^1, d^1. Presented by J. P. Tindale, Esq., April 17, 1873.
e^1, f^1. Bred in the Gardens, Oct. 12, 1874.
g^1, h^1. Bred in the Gardens, Aug. 4, 1875.
i^1. Bred in the Gardens, Sept. 13, 1875.
j^1, k^1. Presented by Miss Harris, Sept. 10, 1877.
l^1. Deposited, Sept. 25, 1878.

1086. *Turtur semitorquatus*, Sw. Half-collared Turtle Dove.

Hab. Africa.

a–*c*. Presented by Dr. John Kirk, C.M.Z.S., May 7, 1870. From Zanzibar.

1087. *Turtur risorius* (Linn.). Barbary Turtle Dove.

Hab. Africa and India.

a. Presented by Mrs. Bruce, April 14, 1862.
b. Hybrid. Presented by the Rev. — Delmar, May 31, 1862.
c–f. Deposited, Nov. 16, 1865.
g. Var. *alba*. Presented by Thomas Worthington, Esq., April 2, 1867.
h, *i*. Presented by Capt. James Tough, July 2, 1869.
j, *k*. Presented by G. Hansen, Esq., March 28, 1873.
l. Presented by J. P. Gassiot, jun., Esq., June 6, 1873.
m, *n*. Presented by Miss A. French, Aug. 1, 1874.
o–r. Deposited, Dec. 5, 1877.
s. Deposited, Sept. 25, 1878.

1088. *Turtur bitorquatus* (Temm.). Double-ringed Turtle Dove.

Hab. Java.

a. Received in exchange, Jan. 27, 1863.

1089. *Turtur humilis* (Temm.). Dwarf Turtle Dove.

Hab. India.

a, *b*. Presented by M. Jules Verreaux, C.M.Z.S., July 6, 1862.
c–h. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864.
i, *j*. Bred in the Gardens, June 3, 1864. See P. Z. S. 1864, p. 139.

1090. *Turtur aldabranus*, Scl. Aldabran Turtle Dove.

Hab. Aldabra Islands.

a, *b*. Presented by E. Newton, Esq., C.M.Z.S., June 10, 1871. See P. Z. S. 1871, p. 623, et p. 692, pl. LXXIII.
c. Hatched in the Gardens, August 18, 1871.

Genus Peristera.

1091. *Peristera geoffroii* (Temm.). Geoffroy's Dove.

Hab. Brazil.

a, *b*. Purchased, Oct. 19, 1874. From the Island of Fernando de Noronha.
c–e. Males; *f*, *g*. Females. Purchased, Feb. 17, 1876.
h. Bred in the Gardens, May 20, 1876.
i, *j*. Bred in the Gardens, June 12, 1876.
k. Bred in the Gardens, Oct. 11, 1876.

l. Bred in the Gardens, June 20, 1877.
m. Bred in the Gardens, Aug. 8, 1877.
n, *o*. Bred in the Gardens, Oct. 31, 1877.
p. Bred in the Gardens, Dec. 28, 1877.
q, *r*. Bred in the Gardens, May 23, 1878.
s–*v*. Bred in the Gardens, June 26, 1878.
w. Bred in the Gardens, Feb. 3, 1879.
x, *y*. Bred in the Gardens, May 13, 1879.
z. Bred in the Gardens, May 26, 1879.
a^1, b^1. Bred in the Gardens, June 11, 1879.
c^1, d^1. Bred in the Gardens, June 30, 1879.
e^1, f^1. Bred in the Gardens, July 24, 1879.
g^1, h^1. Bred in the Gardens, Aug. 14, 1879.
i^1. Bred in the Gardens, Dec. 22, 1879.
j^1. Bred in the Gardens, June 4, 1880.
k^1. Bred in the Gardens, May 13, 1880.
l^1, m^1. Bred in the Gardens, June 16, 1881.
n^1. Female. Received in exchange, Nov. 24, 1881.
o^1. Female. Bred in the Gardens, Dec. 1, 1881.
p^1–r^1. Bred in the Gardens, June 28, 1882.
s^1. Bred in the Gardens, July 14, 1882.
t^1. Bred in the Gardens, July 28, 1882.
u^1. Female. Bred in the Gardens, Sept. 12, 1882.

Genus Zenaida.

1092. *Zenaida amabilis*, Bp. Zenaida Dove.

Hab. West Indies.

a. Purchased, 1861.
b, *c*. Presented by Capt. Sawyer, R.M.S. 'Tasmania,' March 31, 1866.
d. Male; *e*. Female. Presented by John A. Palin, Esq., R.M.S. 'Tasmania,' March 31, 1866.
f–*i*. Deposited, April 27, 1869.
j, *k*. Purchased, April 27, 1869.
l. Deposited, Aug. 4, 1870.
m. Purchased, Nov. 13, 1882.

1093. *Zenaida martinicana* (Bp.). Martinican Dove.

Hab. West Indies.

a–*f*. Presented by J. H. Hawtayne, Esq., July 9, 1873. From Union Island, one of the Grenadines.
g, *h*. Presented by Capt. H. King, Sept. 8, 1879.
i, *j*. Presented by Capt. H. King, Jan. 24, 1880.
k, *l*. Presented by H. J. Burford Hancock, Esq., April 13, 1881.

1094. *Zenaida maculata* (Vieill.). Spotted Zenaida Dove.
Hab. La Plata.

a, *b*. Purchased, Nov. 9, 1881.

1095. *Zenaida leucoptera* (Linn.). White-winged Zenaida Dove.
Hab. West Indies.

a, *b*. Received in exchange, June 15, 1874.

1096. *Zenaida auriculata* (Des Murs). Auriculated Dove.
Hab. Chili.

a–e. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.

Genus METRIOPELIA.

1097. *Metriopelia melanoptera* (Mol.). Black-winged Dove.
Hab. Chili.

a–h. Purchased, July 6, 1870. See P. Z. S. 1870, p. 665.

Genus SCARDAFELLA.

1098. *Scardafella squamosa* (Temm.). Scaly Ground-Dove.
Hab. South America.

a, *b*. Purchased, Aug. 5, 1867.
c, *d*. Purchased, May 8, 1868.
e. Purchased, Dec. 21, 1876.
f, *g*. Purchased, Jan. 17, 1877.
h, *i*. Purchased, April 14, 1877.
j, *k*. Purchased, Oct. 16, 1880. From Parahyba.

Genus CHAMÆPELIA.

1099. *Chamæpelia passerina* (Linn.). Passerine Ground-Dove.
Hab. America.

a. Presented by Sir Charles F. Smith, Sept. 29, 1860.
b. Presented by T. Goin, Esq., Jan. 1, 1864.
c–f. Purchased, May 8, 1868.
g, *h*. Presented by Capt. H. King, May 2, 1879.
i. Purchased, Oct. 16, 1880. From Pernambuco.

1100. *Chamæpelia talpacoti* (Temm.). Talpacoti Ground-Dove.

Hab. South America.

a–d. Purchased, May 8, 1868.
e, f. Bred in the Gardens, Aug. 6, 1868.
g–i. Purchased, Sept. 18, 1873.
j, k. Purchased, Jan. 17, 1877.
l, m. Bred in the Gardens, Sept. 14, 1877.
n. Bred in the Gardens, June 21, 1878.
o, p. Bred in the Gardens, Aug. 7, 1878.
q, r. Presented by Dr. Arthur Stradling, C.M.Z.S., Dec. 3, 1881.
s, t. Purchased, May 11, 1882.

Genus Leptoptila.

1101. *Leptoptila jamaicensis* (Linn.). White-fronted Dove.

Hab. Jamaica.

a. Male; *b.* Female. Purchased, June 24, 1867.
c–f. Deposited, April 27, 1869.
g. Received in exchange, Aug. 8, 1873.

1102. *Leptoptila rufaxilla* (Rich. et Bern.). Red Under-winged Dove.

Hab. Guiana.

a, b. Presented by Dr. A. Stradling, Jan. 3, 1880.

1103. *Leptoptila ochroptera,* Pelz. Orange-winged Dove.

Hab. Brazil.

a. Purchased, June 14, 1877.

Genus Geotrygon.

1104. *Geotrygon mystacea* (Temm.). Moustache Ground-Dove.

Hab. Martinique.

a–d. Purchased, July 20, 1864.
e. Purchased, April 27, 1869.

1105. *Geotrygon montana* (Linn.). Red Ground-Dove.

Hab. South America.

a, b. Purchased, Aug. 23, 1860.
c. Bred in the Gardens, June 13, 1863.

d. Bred in the Gardens, July 18, 1864.
e. Bred in the Gardens, June 2, 1865.
f, *g*. Purchased, May 8, 1868.
h, *i*. Deposited, April 27, 1869.
j, *k*. Bred in the Gardens, July 28, 1869.
l, *m*. Bred in the Gardens, Sept. 6, 1869.
n. Bred in the Gardens, June 22, 1870.
o. Bred in the Gardens, Aug. 24, 1870.
p. Purchased, April 14, 1875.

1106. *Geotrygon sylvatica*, Gosse. Mountain-Witch Ground-Dove.

Hab. Jamaica.

a. Purchased, Aug. 23, 1860.
b–*d*. Purchased, July 30, 1861.
e–*h*. Deposited, April 27, 1869.

Genus Chalcopelia.

1107. *Chalcopelia chalcospilos* (Wagl.). Bronze-spotted Dove.

Hab. West Africa.

a, *b*. Males; *c*, *d*. Females. Presented by the Hon. Lady Cust, Nov. 28, 1866.
e. Male; *f*. Female. Deposited, Nov. 28, 1866.
g. Purchased, March 31, 1871.
h, *i*. Presented by J. J Monteiro, Esq., F.Z.S., June 26, 1873.
j, *k*. Presented by Capt. Arbuckle, R.M.L.I., Sept. 28, 1875.
l, *m*. Purchased, June 30, 1880.

1108. *Chalcopelia afra* (Linn.). Emerald Dove.

Hab. Africa.

a, *b*. Presented by Dr. John Kirk, C.M.Z.S., May 7, 1870. From Zanzibar.

1109. *Chalcopelia puella* (Schlegel). Schlegel's Dove.

Hab. West Africa.

a. Presented by Capt. Butler, July 5, 1870.
b, *c*. Males. Purchased, Dec. 5, 1877.
d, *e*. Males. Purchased, Dec. 11, 1877.
f, *g*. Purchased, Nov. 2, 1880.

Genus Tympanistria.

1110. *Tympanistria bicolor*, Bp. Tambourine Pigeon.

Hab. South Africa.

a. Male; *b*. Female. Purchased, March 31, 1871.
c, *d*. Males. Presented by J. W. Wadlee, Esq., Aug. 18, 1871.
e, *f*. Purchased, June 30, 1880.

Genus Ocyphaps.

1111. *Ocyphaps lophotes* (Temm.). Crested Pigeon.

Hab. Australia.

a–*a*^{1}. See former editions.
b^1–*d*^{1}. Bred in the Gardens, June 6, 1872.
e^1–*g*^{1}. Bred in the Gardens, July 15, 1872.
h^1, *i*^{1}. Bred in the Gardens, Aug. 28, 1872.
j^1, *k*^{1}. Bred in the Gardens, July 29, 1873.
l^1. Bred in the Gardens, Sept. 10, 1873.
m^1. Bred in the Gardens, June 21, 1874.
n^1. Bred in the Gardens, Sept. 8, 1874.
o^1. Bred in the Gardens, July 26, 1875.
p^1, *q*^{1}. Bred in the Gardens, Aug. 17, 1875.
r^1, *s*^{1}. Bred in the Gardens, Sept. 27, 1875.
t^1. Bred in the Gardens, Oct. 5, 1876.
u^1. Presented by the Rev. A. H. Glennie, June 23, 1879.
v^1, *w*^{1}. Bred in the Gardens, Aug. 14, 1879.
x^1. Deposited, March 27, 1880.

Genus Chalcophaps.

1112. *Chalcophaps indica* (Linn.). Green-winged Dove.

Hab. India.

a. Received in exchange, 1856. From China.
b, *c*. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864. See P. Z. S. 1864, p. 139.
d–*f*. Received, Dec. 31, 1866.
g–*i*. Presented by W. D. Glarside, Esq., April 15, 1867.
j, *k*. Presented by Col. G. W. Walker, May 20, 1870.
l, *m*. Presented by S. J. F. Stafford, Esq., July 19, 1873.
n, *o*. Presented by Mrs. Moore, May 1, 1877.
p–*s*. Purchased, July 9, 1878.

1113. *Chalcophaps chrysochlora* (Wagl.). Little Green-winged Dove.

Hab. Australia.

a. Purchased, Feb. 18, 1861.
b–f. Received in exchange, April 23, 1863.
g. Purchased, Dec. 11, 1863.
h–k. Received in exchange, Feb. 4, 1869.

Genus Phaps.

1114. *Phaps chalcoptera* (Lath.). Bronze-winged Pigeon.

Hab. Australia.

a–a^1. See former editions.
b^1. Bred in the Gardens, July 15, 1868.
c^1. Bred in the Gardens, Aug. 6, 1868.
d^1, *e*^{1}. Bred in the Gardens, Sept. 17, 1868.
f^1. Bred in the Gardens, May 10, 1869.
g^1, *h*^{1}. Purchased, April 13, 1870.
i^1. Deposited, May 8, 1871.
j^1, *k*^{1}. Deposited, Oct. 14, 1872.
l^1. Female. Deposited, Aug. 22, 1873.
m^1, *n*^{1}. Bred in the Gardens, Oct. 21, 1873.
o^1, *p*^{1}. Bred in the Gardens, May 26, 1874.
q^1, *r*^{1}. Bred in the Gardens, July 15, 1874.
s^1, *t*^{1}. Bred in the Gardens, Aug. 19, 1874.
u^1, *v*^{1}. Bred in the Gardens, Oct. 12, 1874.
w^1. Bred in the Gardens, May 24, 1875.
x^1. Bred in the Gardens, June 29, 1875.
y^1. Bred in the Gardens, July 26, 1875.
z^1. Bred in the Gardens, Sept. 13, 1875.
a^2. Bred in the Gardens, June 27, 1876.
b^2, *c*^{2}. Bred in the Gardens, Sept. 6, 1876.
d^2, *e*^{2}. Bred in the Gardens, June 20, 1877.
f^2, *g*^{2}. Bred in the Gardens, Oct. 12, 1877.
h^2, *i*^{2}. Bred in the Gardens, July 19, 1880.

1115. *Phaps elegans* (Temm.). Brush Bronze-wing Pigeon.

Hab. Australia.

a. Purchased, Feb. 2, 1881.

1116. *Phaps histrionica*, Gould. Harlequin Bronze-winged Pigeon.

Hab. South Australia.

a–c. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
d. Bred in the Gardens, June 16, 1866.

Genus Leucosarcia.

1117. *Leucosarcia picata* (Lath.). Wonga-Wonga Pigeon.

Hab. New South Wales.

a, *b*. Presented by George Macleay, Esq., F.Z.S., June 2, 1859.
c. Bred in the Gardens, Aug. 11, 1859.
d. Bred in the Gardens, July 23, 1863.
e–*g*. Deposited, July 20, 1866.
h–*l*. Presented by the Acclimatization Society of Victoria, Aug. 12, 1869.
m. Presented by C. H. Wigram, Esq., Nov. 2, 1869.
n–*c*^{1}. Presented by Commodore Lambert, R.N., March 3, 1871.
d^1. Bred in the Gardens, Nov. 9, 1877.
e^1. Bred in the Gardens, May 9, 1878.
f^1. Bred in the Gardens, June 4, 1880.
g^1, *h*^{1}. Presented by J. Burnham, Esq., Aug. 19, 1881.

Genus Phlogœnas.

1118. *Phlogœnas cruentata* (Lath.). Blood-breasted Pigeon.

Hab. Philippine Islands.

a. Received in exchange, July 10, 1861. See P. Z. S. 1861, p. 366.
b. Purchased, Sept. 10, 1863.
c, *d*. Purchased, Dec. 11, 1863.
e, *f*. Purchased, March 9, 1869.
g, *h*. Presented by Harry J. Veitch, Esq., Nov. 2, 1871.
i–*l*. Purchased, May 20, 1880.
m, *n*. Presented by J. Day, Esq., July 9, 1880.
o–*r*. Purchased, Nov. 4, 1880.
s. Presented by Messrs. Hugh Low & Co., Dec. 15, 1880.

1119. *Phlogœnas crinigera*, Puch. Bartlett's Pigeon.

Hab. Sooloo Islands and Philippines.

a–*d*. Purchased, Aug. 17, 1863. Types of *P. bartletti*, Sclater, P. Z. S. 1863, p. 377, pl. xxxiv. See also P. Z. S. 1865, p. 239.
e. Bred in the Gardens, July 18, 1864.
f. Bred in the Gardens, Sept. 22, 1864.
g. Bred in the Gardens, May 22, 1865.
h. Bred in the Gardens, June 27, 1865.
i–*k*. Bred in the Gardens, Aug. 29, 1865.
l. Bred in the Gardens, July 26, 1867.

1120. *Phlogœnas stairi* (G. R. Gray). Stair's Ground-Dove.
Hab. Fiji Islands.

a. Purchased, May 16, 1879. (Deposited, March 17, 1879.)

Genus Calœnas.

1121. *Calœnas nicobarica* (Linn.)*. Nicobar Pigeon.
Hab. Indian Archipelago.

a–f. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864.
g. Bred in the Gardens, July 6, 1865. See P. Z. S. 1864, p. 139.
h. Bred in the Gardens, May 25, 1866. See P. Z. S. 1866, p. 76.
i. Bred in the Gardens, July 31, 1866. See P. Z. S. 1866, p. 76.
j. Purchased, May 14, 1868.
k. Bred in the Gardens, July 2, 1868.
l. Bred in the Gardens, Aug. 13, 1868.
m. Bred in the Gardens, Sept. 22, 1869.
n. Bred in the Gardens, June 14, 1870.
o. Deposited, Jan. 10, 1871.
p. Received in exchange, Jan. 12, 1874.
q. Purchased, June 3, 1874.
r. Presented by Capt. R. J. Wimberley, Dec. 23, 1874.
s. Purchased, May 22, 1879.

Genus Starnœnas.

1122. *Starnœnas cyanocephala* (Linn.). Blue-headed Pigeon.
Hab. Cuba.

a, *b*. Purchased, July 20, 1864.
c, *d*. Purchased, June 19, 1867.
e, *f*. Purchased, May 8, 1868.
g. Bred in the Gardens, July 23, 1870.
h, *i*. Purchased, Aug. 16, 1873.

---

* See description of the gizzard of this bird by Prof. Flower, P. Z. S. 1860, p. 330.

Genus Goura.

1123. *Goura coronata* (Linn.)*. Common Crowned Pigeon.

Hab. New Guinea.

a, *b*. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864. See P. Z. S. 1864, p. 139.
c, *d*. Presented by Mrs. Bacon, May 13, 1867.
e. Male; *f*. Female. Purchased, May 23, 1870.
g. Deposited, Oct. 17, 1871.
h. Male; *i*. Female. Purchased, March 3, 1874.
j. Hatched in the Gardens, April 28, 1874.
k. Hatched in the Gardens, Aug. 19, 1874.
l. Hatched in the Gardens, Sept. 27, 1875.
m, *n*. Purchased, July 5, 1876.
o. Purchased, June 9, 1879.
p–*s*. Purchased, July 17, 1879.
t–*v*. Purchased, April 7, 1881.

1124. *Goura victoriæ*, Fraser. Victoria Crowned Pigeon.

Hab. Island of Jobie.

a. Male. Purchased, Sept. 1, 1856.
b, *c*. Purchased, Sept. 25, 1861.
d, *e*. Purchased, May 31, 1875.
f. Purchased, May 25, 1879.
g, *h*. Purchased, June 3, 1880.

Genus Didunculus.

1125. *Didunculus strigirostris*, Jard. Tooth-billed Pigeon.

Hab. Samoan Islands.

a. Female. Presented by Dr. G. Bennett, F.Z.S., April 10, 1864. See Bennett, P. Z. S. 1864, p. 139, and Sclater, P. Z. S. 1864, p. 158.
b. Presented by J. W. Boddam-Whetham, Esq., Oct. 23, 1874. See P. Z. S. 1874, p. 605.
c. Purchased, May 9, 1876. See P. Z. S. 1876, p. 462.

---

* On the nesting of *Goura*, see Mitchell, P. Z. S. 1849, p. 170.

Order XII. PTEROCLETES.

Family PTEROCLIDÆ.

Genus PTEROCLES.

1126. *Pterocles alchata* (Linn.). Pintailed Sand-Grouse.

Hab. South Europe.

a. Male. Purchased, Oct. 7, 1861.
b. Female. Deposited, 1861.
c–e. Received in exchange, Jan. 12, 1863.
f. Bred in the Gardens, Aug. 29, 1865.
g, *h*. Males; *i–m*. Females. Purchased, May 7, 1870.

1127. *Pterocles exustus*, Temm. Lesser Pintailed Sand-Grouse.

Hab. North Africa.

a, *b*. Males; *c*, *d*. Females. Purchased, Aug. 19, 1865.
e–g. Received in exchange, Sept. 30, 1874.

1128. *Pterocles arenarius* (Pall.). Black-bellied Sand-Grouse.

Hab. Asia.

a. Female. Purchased, June 27, 1864.
b, *c*. Males; *d*, *e*. Females. Presented by Capt. R. C. Bevan, H.M.I.A., C.M.Z.S., April 30, 1867.
f–t. Deposited, May 20, 1867.
u–w. Males: *x–z*. Females. Purchased, June 18, 1872.
a^1, b^1. Females. Deposited, June 25, 1872. From Southern Spain.
c^1. Male. Deposited, June 28, 1872. From Southern Spain.
d^1, e^1. Males; f^1. Females. Presented by Col. J. S. Lowe, June 30, 1877.

1129. *Pterocles fasciatus* (Scop.). Banded Sand-Grouse.

Hab. India.

a. Presented by Capt. C. S. Sturt, C.M.Z.S., Nov. 10, 1880.

1130. *Pterocles bicinctus*, Temm. Double-banded Sand-Grouse.

Hab. Senegal.

a–d. Purchased, Dec. 21, 1864.

1131. *Pterocles lichtensteini,* Temm. Lichtenstein's Sand-Grouse.

Hab. Africa and Arabia.

a–f. Presented by Henry C. Calvert, Esq., Sept. 5, 1865. From Djeddah, Arabia. See P. Z. S. 1865, p. 675.

Genus SYRRHAPTES.

1132. *Syrrhaptes paradoxus* (Pall.). Pallas's Sand-Grouse.

Hab. Northern Asia.

a–o. Presented by the Hon. J. F. Stuart Wortley, April 15, 1861. From China. See P. Z. S. 1861, p. 196.
p, q. Presented by Capt. Hand, R.N., April 29, 1861. See P. Z. S. 1861, p. 197. From China.
r. Presented by Capt. Commerell, R.N., V.C., May 9, 1861.
s–u. Presented by A. O'Brien, Esq., Feb. 27, 1862.
v. Presented by Alfred Newton, Esq.. F.Z.S., June 9, 1863. From Elveden, Suffolk, England.
w. Presented by Lord Francis Conyngham, Dec. 11, 1863. From Donegal, Ireland.
x. Presented by Harrington Russell, Esq., M.P., Feb. 25, 1865.
y–h[1]. Presented by Lieut.-Col. Napier Sturt, M.P., F.Z.S., Aug. 13, 1870.

Order XIII. GALLINÆ.

Family TETRAONIDÆ.

Genus TETRAO.

1133. *Tetrao cupido,* Linn. Prairie-Grouse.

Hab. North America.

a–l. Purchased, Dec. 15, 1864.

1134. *Tetrao phasianellus,* Linn. Sharp-tailed Grouse.

Hab. North America.

a. Received in exchange, May 9, 1874.

1135. *Tetrao tetrix,* Linn. Black Grouse.

Hab. Europe.

a, *b*. Males. Presented by John Wingfield Malcolm, Esq., March 13, 1865.
c. Male; *d*. Female. Purchased, Oct. 19, 1865.

1136. *Tetrao urogallus,* Linn. Capercaillie.

Hab. Europe.

a. Purchased, Aug. 29, 1865.
b. Male. Presented by Percy S. Godman, Esq., C.M.Z.S., Sept. 17, 1872.

Genus Lagopus.

1137. *Lagopus scoticus* (Lath.). Red Grouse.

Hab. British Islands.

a–*e*. Presented by W. Hamilton, Esq., July 18, 1868.

Family PHASIANIDÆ*.

Subfamily I. Perdicinæ.

Genus Galloperdix.

1138. *Galloperdix lunulata* (Valenc.). Hardwicke's Spur-fowl.

Hab. India.

a, *b*. Males; *c*–*e*. Females. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 31, 1863.

1139. *Galloperdix spadicea* (Gm.). Rufous Spur-fowl.

Hab. India.

a. Male. Presented by Col. Charles Denison, F.Z.S., Dec. 3, 1863.
b. Female. Purchased, May 7, 1864.

---

* On the introduction and breeding of the Indian Phasianidæ, consult Mitchell, P. Z. S. 1858, p. 544, and Sclater, P. Z. S. 1860, p. 444, and 1879, p. 114.

1140. *Galloperdix zeylonensis* (Gm.). Ceylonese Spur-fowl.
Hab. Ceylon.

a. Male; *b*. Female. Presented by E. W. H. Holdsworth, Esq., F.Z.S., July 18, 1871. See P. Z. S. 1871, p. 625.

Genus Ithaginis.

1141. *Ithaginis geoffroyi*. Geoffroy's Blood Pheasant.
Hab. China.

a. Deposited, July 19, 1875.

Genus Ptilopachys.

1142. *Ptilopachys ventralis* (Val.). Buff-breasted Partridge.
Hab. West Africa.

a, *b*. Purchased, Jan. 14, 1862. See P. Z. S. 1862, p. 140 (*P. fuscus*).
c. Purchased, Nov. 13, 1876.

Genus Francolinus.

1143. *Francolinus vulgaris*, Steph. Black Francolin.
Hab. India.

a–e. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864. See P. Z. S. 1864, p. 139.
f, *g*. Deposited, March 23, 1865.
h. Female. Purchased, May 10, 1866.
i–l. Deposited, May 20, 1867.
m. Received in exchange, June 5, 1867.
n–p. Deposited, April 31, 1868.
q–s. Males; *t–v*. Females. Purchased, June 18, 1872.
w–z. Received in exchange, May 18, 1877.
a^1, b^1. Presented by Major Newton Pauli, Jan. 9, 1878.

1144. *Francolinus madagascariensis* (Scop.). Madagascar Francolin.
Hab. Madagascar.

a–c. Deposited, July 25, 1864. See P. Z. S. 1864, p. 374.
d–f. Presented by Edward Newton, Esq., C.M.Z.S., March 17, 1865.

1145. *Francolinus pictus*, Jard. et Selb. Painted Francolin.

Hab. Central India.

a. Presented by Lieut.-Col. Radcliffe, Jan. 5, 1871.

1146. *Francolinus rubricollis*, Rüpp. Red-throated Francolin.

Hab. Eastern Africa.

a. Presented by Dr. J. Kirk, C.M.Z.S., May 7, 1870. From Zanzibar.

1147. *Francolinus bicalcaratus*, Linn. Double-spurred Francolin.

Hab. West Africa.

a, *b*. Purchased, May 8, 1868.
c–h. Deposited, Nov. 7, 1876.
i–o. Deposited, Dec. 12, 1876.

1148. *Francolinus afer* (Lath.). South-African Francolin.

Hab. South Africa.

a–d. Purchased, Aug. 2, 1870.

1149. *Francolinus clappertoni* (Childr.). Clapperton's Francolin.

Hab. West Africa.

a–c. Purchased, Nov. 17, 1862.
d, *e*. Purchased, Aug. 4, 1868.
f. Purchased, Nov. 1, 1869.
g, *h*. Presented by Capt. W. H. Strachan, Dec. 8, 1869.

1150. *Francolinus capensis*, Gm. Cape Francolin.

Hab. South Africa.

a. Presented by H.E. Sir George Grey, K.C.B., F.Z.S., Governor of New Zealand, Oct. 3, 1859.
b. Purchased, May 8, 1868.
c, *d*. Presented by J. C. Hobbs, Esq., Feb. 17, 1876.

1151. *Francolinus ponticerianus* (Gm.). Grey Francolin.

Hab. India.

a. Purchased, April 5, 1862.
b. (White var.) Presented by Capt. M. Fitzgerald, Nov. 3, 1870. From Bangalore. See P. Z. S. 1864, p. 139.

c–e. Males; *f–h*. Females. Purchased, June 18, 1872.
i. Female. Received in exchange, Jan. 2, 1873.
j. Presented by A. George, Esq., May 21, 1875.
k. Presented by George Lyon Bennett, Esq., Dec. 8, 1878.
l. Presented by Mons. J. M. Cornély, C.M.Z.S., April 1, 1881.

1152. *Francolinus gularis* (Shaw). Wood-Francolin.

Hab. East Bengal.

a–c. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864.
f. Purchased, May 7, 1864. See P. Z. S. 1864, p. 139.
g. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
h. Male; *i*. Female. Purchased, May 4, 1871.

Genus Arboricola.

1153. *Arboricola torqueola* (Val.). Hill-Francolin.

Hab. North India.

a–c. Deposited, April 4, 1864.
d, *e*. Deposited, Feb. 1, 1865.
f. Deposited, Sept. 22, 1865.
g, *h*. Males; *i*, *j*. Females. Purchased, May 4, 1871. See P. Z. S. 1871, p. 544.
k, *l*. Presented by Mr. W. Jamrach, Feb. 16, 1876.

Genus Rhizothera.

1154. *Rhizothera longirostris* (Temm.). Long-billed Francolin.

Hab. Malacca.

a. Purchased, May 4, 1871. See P. Z. S. 1871, p. 544.

Genus Bambusicola.

1155. *Bambusicola thoracica* (Temm.). Bamboo-Partridge.

Hab. North China.

a, *b*. Purchased, April 25, 1868.
c–o. Bred in the Gardens, June 18, 1869.
p–u. Presented by Theo. A. W. Hance, Esq., Sept. 15, 1882.

Genus Perdix.

1156. *Perdix cinerea*, Lath. Partridge.

Hab. British Islands.

a, *b*. Presented by — Riley, Esq., Aug. 19, 1864.
c. Presented by Miss Puddick, May 26, 1870.
d. Purchased, May 16, 1873.
e, *f*. Presented by A. Neale, Esq., Oct. 6, 1873.
g. Presented by H. Laver, Esq., Jan. 7, 1877.
h. Male. Presented by H. T. Bowes, April 6, 1882.

1157. *Perdix hodgsoniæ*, Hodgs. Hodgson's Partridge.

Hab. Bootan.

a. Presented by Mons. J. M. Cornély, C.M.Z.S., June 16, 1877.
b. Purchased, June 26, 1877. See P. Z. S. 1877, p. 680.

Genus Coturnix.

1158. *Coturnix communis*, Bonn. Quail.

Hab. British Islands.

a, *b*. Purchased, July 20, 1862.
c. Presented by Lady Cust, July 20, 1862.
d. Presented by Mrs. Frank T. Buckland, Feb. 9, 1865.
e, *f*. Males: *g*, *h*. Females. Presented by F. Moreau Hayward, Esq., July 21, 1865.
i. Presented by Dr. Shortt, March 21, 1868.
j. Deposited, July 12, 1870.
k. Presented by J. J. Croker, Esq., May 20, 1874.
l. Presented by Miss H. Miller, April 19, 1875.
m, *n*. Deposited, July 22, 1875.
o. Presented by J. H. de Rinzy, Esq., May 25, 1877.
p, *q*. Presented by H. H. Johnston, Esq., April 13, 1881.
r, *s*. Presented by E. Lawrance, Esq., Nov. 21, 1881.

1159. *Coturnix histrionica*, Hartl. Harlequin Quail.

Hab. Island of St. Thomas, West Africa.

a. Purchased, July 30, 1869.
b. Purchased, Feb. 19, 1873. From West Africa.

1160. *Coturnix coromandelica* (Gm.). Rain-Quail.
Hab. India.

a, *b*. Presented by the Maharajah Duleep Singh, F.Z.S., June 24, 1861.
c–l. Presented by F. J. C. Wildash, Esq., May 3, 1865.
m–v. Presented by Dr. Shortt, March 21, 1868.
w, *x*. Presented by A. George, Esq., May 21, 1875.
y. Presented by Mrs. Wood-Mason, April 3, 1877.

1161. *Coturnix pectoralis*, Gould. Pectoral Quail.
Hab. Australia.

a. Presented by Dr. Mueller, C.M.Z.S., Jan. 27, 1863. From Melbourne.
b. Purchased, June 18, 1873.

1162. *Coturnix chinensis* (Linn.). Chinese Quail.
Hab. China.

a, *b*. Purchased, April 25, 1873.
c, *d*. Presented by Mr. A. Jamrach, June 23, 1875.
e, *f*. Males; *g*. Female. Presented by Mrs. Wood-Mason, April 3, 1877.
h, *i*. Males; *j*, *k*. Females. Purchased, June 30, 1880.
l. Presented by Mons. J. M. Cornély, C.M.Z.S., March 6, 1881.
m. Presented by T. H. Bowyer Bower, Esq., Oct. 6, 1881.
n. Presented by Lord Walsingham, F.Z.S., Nov. 2, 1882.

Genus Synœcus.

1163. *Synœcus australis* (Lath.). Australian Quail.
Hab. Australia.

a–d. Presented by Dr. Mueller, C.M.Z.S., Feb. 27, 1861. From Melbourne. See P. Z. S. 1861, p. 101.
e–g. Bred in the Gardens, July 14, 1864.
h. Presented by Dr. F. von Mueller, C.M.Z.S., June 1, 1869.
i–k. Purchased, Aug. 19, 1869.
l–n. Males; *o*. Female. Purchased, May 26, 1870.
p. Presented by the Directors of the Botanic Gardens, Adelaide, Australia, March 6, 1871. From Port Darwin.
q. Purchased, Dec. 6, 1872.

1164. *Synœcus diemenensis*, Gould. Tasmanian Quail.
Hab. Tasmania.

a–c. Presented by Dr. Mueller, C.M.Z.S., Jan. 27, 1863.

Genus Perdicula.

1165. *Perdicula cambaiensis* (Lath.). Cambaian Quail.
Hab. India.

a–c. Presented by Dr. Shortt, March 21, 1868.

1166. *Perdicula asiatica* (Lath.). Asiatic Quail.
Hab. India.

a–c. Presented by Dr. Shortt, March 21, 1868.
d. Presented by A. George, Esq., May 21, 1875.
e. Presented by Mrs. Wood-Mason, April 3, 1877.

Genus Rollulus.

1167. *Rollulus cristatus* (Gm.). Crowned Partridge.
Hab. Malacca.

a, *b*. Males; *c*. Female. Purchased, May 4, 1871. See P. Z. S. 1871, p. 544, under the name of *R. coronatus*.
d. Presented by Barclay Field, Esq., F.Z.S., March 31, 1875.
e. Male; *f*. Female. Presented by Barclay Field, Esq., F.Z.S., Jan. 10, 1877.

Subfamily II. Odontophorinæ.

Genus Odontophorus.

1168. *Odontophorus guianensis* (Gm.). Guiana Partridge.
Hab. Guiana.

a. Purchased, May 13, 1870.
b, *c*. Purchased, July 17, 1875.
d–h. Purchased, Dec. 16, 1875.
i. Purchased, Aug. 14, 1877.
j. Presented by E. L. Marshall, Esq., May 14, 1879.

1169. *Odontophorus dentatus* (Temm.). Capoeira Partridge.
Hab. Brazil.

a. Purchased, March 20, 1873.

Genus Dendrortyx.

1170. *Dendrortyx leucophrys,* Gould. White-eyebrowed Tree-Partridge.

Hab. Central America.

a. Presented by R. Owen, Esq., C.M.Z.S., April 29, 1861. From Guatemala.

Genus Ortyx.

1171. *Ortyx virginianus* (Linn.). Virginian Colin.

Hab. North America.

a, b. Presented by A. Downs, Esq., C.M.Z.S., March 5, 1861.
c, d. Males; *e, f.* Females. Deposited, July 25, 1866.
g, h. Presented by L. H. Smith, Esq., May 2, 1867.
i–k. Males; *l–n.* Females. Purchased, April 21, 1869.
o. Male; *p.* Female. Presented by P. L. Simon, Esq., April 28, 1869.
q. Male; *r.* Female. Presented by S. S. Strange, Esq., F.Z.S., March 5, 1872.
s–x. Purchased, April 29, 1876.

Genus Eupsychortyx.

1172. *Eupsychortyx cristatus* (Linn.). Crested Colin.

Hab. Mexico.

a–f. Received, Aug. 9, 1865.
g–i. Purchased, Nov. 10, 1866.
j. Male; *k.* Female. Purchased, Oct. 30, 1867.
l–o. Males; *r–s.* Females. Purchased, Jan. 24, 1872.
t–w. Males; *x–a*^{1}. Females. Received in exchange, Oct. 12, 1872.
b^1. Male; *c*^{1}. Female. Purchased, Oct. 14, 1879.
d^1. Male; *e*^{1}. Female. Purchased, Aug. 29, 1882.

Genus Callipepla.

1173. *Callipepla picta* (Douglas). Plumed Colin.

Hab. California.

a. Female. Purchased, April 25, 1863.
b, c. Received in exchange, Sept. 6, 1876.

1174. *Callipepla californica* (Shaw). Californian Quail.

Hab. California.

a, *b*. Males; *c*, *d*. Females. Purchased, April 21, 1869.
e, *f*. Presented by J. W. Pease, Esq., M.P., June 2, 1875.
g, *h*. Purchased, July 17, 1875.
i. Presented by Mrs. A. H. Jamrach, Nov. 5, 1877.
j. Presented by Mrs. Arabin, March 14, 1878.
k, *l*. Presented by Mr. W. Turquand, Jan. 1, 1879.
m, *n*. Males: *o*. Female. Purchased, Oct. 6, 1880.
p. Female. Received in exchange, Feb. 2, 1881.
q. Male; *r*. Female. Presented by H. H. Johnston, Esq., April 13, 1881.
s. Female. Deposited, Feb. 7, 1882.
t. Male; *u*. Female. Presented by J. Biehl, Esq., July 17, 1882.

1175. *Callipepla gambelli* (Nutt.). Gambel's Partridge.

Hab. California.

a, *b*. Received in exchange, Aug. 29, 1872. See P. Z. S. 1872, p. 795.

Subfamily III. Caccabininæ.

Genus Caccabis.

1176. *Caccabis saxatilis*, Meyer. Greek Partridge.

Hab. South Europe.

a–*c*. Presented by A. H. Layard, Esq., M.P., Aug. 31, 1863. From Syria.
d–*g*. Purchased, Aug. 28, 1864.
h. Presented by A. H. Layard, Esq., M.P., Dec. 9, 1864. From Alexandretta.
i–*l*. Presented by Mrs. Brooks, Nov. 30, 1865.
m. Male; *n*. Female. Presented by G. Jackson Eldridge, Esq., Sept. 4, 1867.
o. Deposited, July 2, 1874.
p–*u*. Presented by Comm. F. M. Burke, Dec. 30, 1876. Persia.
v. Presented by T. J. Eldridge, Esq., May 2, 1878. White variety.

1177. *Caccabis chukar* (Gray). Chukar Partridge.

Hab. North-west India.

a, *b*. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
c, *d*. Deposited, May 20, 1867.
e. Male; *f*. Female. Presented by R. Waylan, Esq., Aug. 25, 1871.
g–*k*. Hatched in the Gardens, July 9, 1872.
l. Male; *m*. Female. Presented by the Hon. Justice Jackson, Aug. 21, 1874.
n, *o*. Presented by Capt. Murray, Jan. 14, 1875.
p, *q*. Presented by Capt. Morrison, Jan. 26, 1876.
r–*t*. Presented by Capt. Newton Pauli, Jan. 13, 1877.
u. Presented by Major Newton Pauli, Jan. 9, 1878.
v. Presented by Mons. J. M. Cornély, C.M.Z.S., April 1, 1881.
w. Presented by Col. Thomas Pierce, Sept. 17, 1881.

1178. *Caccabis rufa* (Linn.). Red-legged Partridge.

Hab. Europe.

a–*g*. Deposited, May 11, 1865.
h–*q*. Deposited, March 21, 1867.
r. Purchased, April 12, 1870.
s. Presented by J. S. Younghusband, Esq., March 27, 1875.
t, *u*. Presented by H. H. St. Quintin, Esq., July 16, 1881.
v. Presented by A. Morrell, Esq., June 18, 1881.
w. Presented by J. C. Clayton, Esq., Sept. 23, 1881.
x. Presented by Dr. A. O. Grosvenor, July 3, 1882.

1179. *Caccabis petrosa* (Gm.). Barbary Partridge.

Hab. North Africa.

a. Male; *b*, *c*. Females. Presented by Lieut. Saville G. Reid, R.E., F.Z.S., June 7, 1874. From Spain.

1180. *Caccabis melanocephala* (Rüpp.). Black-headed Partridge.

Hab. Abyssinia.

a. Purchased, Oct. 30, 1867. See P.Z.S. 1867, pp. 818 and 890.
b, *c*. Presented by Comm. Burke, Dec. 30, 1876. Hedyar, near Mecca. See P.Z.S. 1877, p. 2.
d. Presented by Comm. Burke, Oct. 6, 1877.

Genus Ammoperdix.

1181. *Ammoperdix bonhami* (Fraser). Bonham's Partridge.

Hab. Western Asia.

a–d. Deposited, May 20, 1867. From the Punjaub.

1182. *Ammoperdix heyi* (Temm.). Hey's Partridge.

Hab. Arabia.

a–g. Presented by Henry C. Calvert, Esq., Sept. 5, 1865. From Djeddah, Arabia. See P. Z. S. 1865, p. 675.
h–j. Deposited, Dec. 11, 1867.
k. Presented by Comm. Burke, Dec. 30, 1876. See P. Z. S. 1877, p. 2.
l. Purchased, Feb. 11, 1878.
m. Presented by Capt. Burke, July 12, 1879.

Genus Tetraogallus.

1183. *Tetraogallus himalayensis*, Gray. Himalayan Snow-Partridge.

Hab. Himalaya Mountains.

a–d. Deposited, Feb. 1, 1865.
e. Deposited, March 7, 1865.

Genus Lophophorus.

1184. *Lophophorus impeyanus* (Lath.). Himalayan Monaul.

Hab. Himalayan Mountains.

a–z. See former editions.
a^1, b^1. Bred in the Gardens, June 27, 1865.
c^1, d^1. Bred in the Gardens, July 16, 1865.
e^1, f^1. Bred in the Gardens, June 11, 1866.
g^1, h^1. Bred in the Gardens, July 16, 1866.
i^1. Female. Deposited, Oct. 2, 1866.
j^1–m^1. Bred in the Gardens, June 1, 1867.
n^1. Female. Received, June 15, 1867.
o^1, p^1. Bred in the Gardens, June 18, 1867.
q^1, r^1. Males; s^1, t^1. Females. Received in exchange, Jan. 14, 1869.
u^1–w^1. Bred in the Gardens, June 11, 1871.
x^1. Male. Presented by Capt. J. E. Whitting, April 12, 1875.

y^1. Female. Purchased, April 13, 1877.
z^1. Male; a^2. Female. Purchased, May 17, 1877.
b^2. Bred in the Gardens, June 7, 1878.
c^2. Female. Received in exchange, Feb. 25, 1879.
d^2–f^2. Males; g^2–i^2. Presented by H.R.H. the Prince of Wales, K.G., Feb. 5, 1880.
j^2. Male; k^2, l^2. Females. Deposited, March 19, 1880.
m^2–q^2. Bred in the Gardens, June 2, 1881.
r^2. Bred in the Gardens, June 23, 1881.
s^2, t^2. Bred in the Gardens, June 3, 1882.

1185. *Lophophorus sclateri*, Jerdon. Sclater's Monaul.

Hab. Upper Assam.

a. Male. Presented by Major Montagu, March 12, 1870. See P. Z. S. 1870, p. 162, pl. xiv.

ZOOLOGICAL GARDENS 1875. CALCUTTA

Subfamily IV. Phasianinæ.

Genus Crossoptilon.

1186. *Crossoptilon mantchuricum*, Swinh. Mantchurian Crossoptilon.

Hab. Northern China.

a, *b*. Males. Presented by Dudley E. Saurin, Esq., July 13, 1866. See P. Z. S. 1866, p. 418.
c, *d*. Females. Purchased, Nov. 10, 1866.
e–*k*. Bred in the Gardens, May 26, 1867.
l–*t*. Bred in the Gardens, June 14, 1867.
u, *v*. Males; *w*. Female. Presented by the late Sir Eric R. T. Farquhar, Bart., H.B.M.C.S., Pekin, Dec. 16, 1867.
x–y^1. Bred in the Gardens, May 21, 1868.
h^1–o^1. Bred in the Gardens, June 15, 1868. See P. Z. S. 1868, p. 115.
p^1. Male. Received in exchange, Jan. 24, 1869.
q^1. Male. Purchased, May 14, 1869.
r^1, s^1. Deposited, Oct. 2, 1869.
t^1. Deposited, March 4, 1870.
u^1. Male; v^1. Female. Purchased, Nov. 13, 1873.
w^1. Purchased, May 17, 1877.
x^1. Male; y^1. Female. Received in exchange, June 9, 1878.
z^1, a^2. Females. Received in exchange, Nov. 18, 1880.
b^2. Male. Purchased, April 5, 1882.

Genus Phasianus.

1187. *Phasianus colchicus,* Linn. Pheasant.

Hab. British Islands.

a. Male. Hybrid between this species and *Gallus domesticus*, Linn. Presented by Lord Wharncliffe, F.Z.S., June 4, 1862.
b–h. Deposited, 1863.
i. Male: *j.* Female. (Bohemian variety.) Deposited, 1863.
k–p. Females. Purchased, Jan. 7, 1865.
q–v. Purchased, Feb. 9, 1865.
w. Male. Presented by W. I. Everitt, Esq., March 4, 1880.

1188. *Phasianus elegans,* Elliot. Elegant Pheasant.

Hab. Szechuen, China.

a, b. Deposited by J. J. Stone, Esq., Aug. 13, 1870. See P. Z. S. 1870, p. 670. Specimen described by Mr. Elliot, Ann. & Mag. Nat. Hist. ser. 4, vol. vi. p. 312, and figured Mon. Phas. pt. iii.

1189. *Phasianus torquatus,* Gm. Ring-necked Pheasant.

Hab. China.

a. Male. Deposited, June 3, 1864.
b, c. Males; *d, e.* Females. Deposited, Feb. 17, 1865.
f. Purchased, April 3, 1865.
g. Deposited, April 20, 1865.
h. Presented by the late Sir Eric R. T. Farquhar, Bart., H.B.M.C.S., Pekin, Dec. 16, 1867.
i. Female. Presented by J. E. Kincaid, Esq., June 7, 1873.
j, k. Females. Presented by George Lyon Bennett, Esq., Dec. 8, 1878.
l. Male; *m.* Female. Purchased, May 25, 1881.

1190. *Phasianus versicolor,* Vieill. Japanese Pheasant.

Hab. Japan.

a. Male. Purchased, Sept. 22, 1862.
b. Female. Hybrid between this species and *Phasianus colchicus*, Linn. Deposited, Nov. 19, 1862.
c. Male; *d.* Female. Received in exchange, Dec. 18, 1862.
e–g. Bred in the Gardens, 1863.
h. Bred in the Gardens, 1864.
i. Female. Deposited, Feb. 17, 1865.
j. Male. Deposited, May 29, 1865.

k–*v*. Bred in the Gardens, June 27, 1865.
w. Bred in the Gardens, June 11, 1867.
x–g^1. Bred in the Gardens, June 27, 1867.
h^1, i^1. Males; j^1, k^1. Females. Presented by Lieut. Duncan Stewart, July 27, 1867.
l^1–q^1. Bred in the Gardens, July 30, 1867.
r^1–d^2. Bred in the Gardens, June 9, 1868.
e^2–k^2. Bred in the Gardens, July 12, 1868.
l^2–q^2. Bred in the Gardens, July 31, 1868.
r^2–t^2. Bred in the Gardens, June 18, 1869.
u^2–d^3. Bred in the Gardens, July 20, 1869.
e^3–g^3. Bred in the Gardens, July 7, 1870.
h^3. Male; i^3, j^3. Females. Purchased, March 7, 1872.
k^3. Received in exchange, Feb. 25, 1875.
l^3–q^3. Hybrids between this species and *P. torquatus*. Bred in the Gardens, July 27, 1875.
r^3. Male; s^3. Female. Purchased, May 24, 1877.
t^3. Male; u^3. Female. Purchased, Nov. 1, 1878.
v^3, w^3. Purchased, July 16, 1880.
x^3. Male; y^3. Female. Purchased, April 5, 1882.

1191. *Phasianus sæmmerringi*, Temm. Sœmmerring's Pheasant.

Hab. Japan.

a. Female. Deposited, Dec. 18, 1863.
b, *c*. Males; *d*, *e*. Females. Purchased, June 22, 1864. See P. Z. S. 1864, p. 374.
f, *g*. Males. Presented by Reginald Russell, Esq., June 22, 1864.
h. Female. Deposited, May 29, 1865.
i. Bred in the Gardens, June 14, 1865.
j–*l*. Males; *m*–*p*. Females. Presented by Lieut. Duncan Stewart, July 27, 1867.
q, *r*. Bred in the Gardens, May 28, 1868.
s, *t*. Bred in the Gardens, June 21, 1868.

1192. *Phasianus reevesi*, Gray. Bar-tailed Pheasant.

Hab. North China.

a. Male. Presented by John Kelk, Esq., F.Z.S., Dec. 8, 1864.
b–*d*. Males; *e*–*h*. Females. Deposited, Aug. 3, 1866.
i. Male; *j*. Female. Purchased, June 22, 1867.
k–*n*. Bred in the Gardens, Aug. 10, 1867.
o–*v*. Bred in the Gardens, May 28, 1868.
w. Bred in the Gardens, June 9, 1868.
x–b^1. Bred in the Gardens, June 21, 1868.

c^1–j^1. Bred in the Gardens, July 12, 1868. See P. Z. S. 1868, p. 115.
k^1. Male; l^1, m^1. Females. Deposited, March 12, 1869.
n^1–z^1. Deposited, Aug. 27, 1869.
a^2. Male; b^2–d^2. Females. Deposited, Feb. 12, 1870.
e^2–i^2. Bred in the Gardens, June 18, 1870.
j^2. Bred in the Gardens, July 7, 1870.
k^2, l^2. Deposited, Aug. 13, 1870.
m^2–r^2. Deposited, Aug. 15, 1870.
s^2. Male; t^2. Female. Deposited, Nov. 22, 1870.
u^2–g^3. Hatched in the Gardens, June 21, 1872. Hybrids between a ♂ of this species and *P. wallichii* ♀.
h^3–k^3. Hatched in the Gardens, July 8, 1872. Hybrids between a ♂ of this species and *P. wallichii* ♀.
l^3. Male; m^3. Female. Received in exchange, Dec. 11, 1874.
n^3, o^3. Females. Purchased, May 24, 1877.
p^3. Male; q^3. Female. Purchased, Nov. 1, 1878.
r^3. Female. Purchased, July 16, 1880.

1193. *Phasianus ellioti*, Swinh. Elliot's Pheasant.

Hab. China.

a. Male; *b*, *c*. Females. Purchased, Sept. 27, 1882. See P. Z. S. 1882, p. 631.

1194. *Phasianus wallichii*, Hardw. Cheer Pheasant.

Hab. North India.

a. Female. Received in exchange, May 19, 1862.
b. Male. Bred in the Gardens, Aug. 11, 1862.
c. Deposited, March 31, 1863.
d. Bred in the Gardens, July 14, 1863.
e–*h*. Deposited, Feb. 1, 1865.
i–*l*. Deposited, March 7, 1865.
m–*q*. Bred in the Gardens, June 27, 1865.
r–*w*. Bred in the Gardens, June 11, 1866.
x. Male; *y*. Female. Deposited, March 21, 1867.
z–b^1. Bred in the Gardens, June 23, 1867.
c^1, d^1. Bred in the Gardens, July 15, 1867.
e^1. Male. Received in exchange, Dec. 20, 1867.
f^1–i^1. Bred in the Gardens, June 7, 1868.
j^1–s^1. Bred in the Gardens, June 18, 1868.
t^1. Male; u^1. Female. Purchased, Nov. 29, 1877.
v^1. Male; w^1. Female. Received in exchange, Feb. 25, 1879.
x^1, y^1. Bred in the Gardens, July 14, 1881.

Genus Thaumalea.

1195. *Thaumalea picta* (Linn.). Gold Pheasant.

Hab. China.

a. Female. Purchased, Feb. 12, 1863.
b. Male; *c*. Female. Purchased, March 18, 1864.
d. Hybrid between this species and *Phasianus colchicus*, Linn. Deposited, March 30, 1864.
e. Male; *f*. Female. (New variety.) Purchased, July 5, 1865.
g. Male. Bred in the Gardens.
h. Deposited March 16, 1868.
i. Purchased, April 1, 1868.
j, *k*. (Varieties.) Purchased, Oct. 7, 1868.
l–*o*. Females. Purchased, March 30, 1871.
p, *q*. Males. Hybrids between a female of this species and a male *Thaumalea amherstiæ*. Deposited, July 21, 1871.
r. Presented by the Rev. H. G. Nind, Dec. 19, 1871.
s. Deposited, Jan. 18, 1872.
t–*x*. Hatched in the Gardens, May 21, 1872.
y. Male; *z*, a^1. Females. Presented by J. P. Davis, Esq., August 21, 1872.
b^1, c^1. Males. Presented by the Rev. A. B. Frazer, April 15, 1874.
d^1. Male. Received in exchange, Jan. 21, 1875.
e^1, f^1. Females. Received in exchange, Feb. 9, 1876.
g^1–o^1. Bred in the Gardens, June 26, 1876.
p^1–b^2. Bred in the Gardens, July 20, 1876.
c^2–h^2. Bred in the Gardens, Aug. 8, 1876.
i^2. Male. Bred in the Gardens, Nov. 1, 1878.
j^2. Male. Presented by J. E. Liardet, Esq., July 12, 1879.
k^2. Male. Presented by James M'Gregor, Esq., Aug. 31, 1880.
l^2. Male. Presented by W. H. St. Quintin, Esq., March 9, 1881.
m^2. Female. Purchased, April 5, 1882.
n^2, o^2. Male; p^2. Female. Presented by Theo. A. W. Hance, Esq., C.M.Z.S., Sept. 15, 1882.

1196. *Thaumalea amherstiæ* (Leadb.). Amherst's Pheasant.

Hab. Szechuen, China.

a–*e*. Males; *f*. Female. Deposited, July 16, 1869. See P. Z. S. 1869, p. 468.
g, *h*. Purchased, March 16, 1871. See P. Z. S. 1871, p. 298.
i–*q*. Hybrids between a male of this species and female *T. picta*. Hatched in the Gardens, June 12, 1872.
r–*t*. Hybrids between a male of this species and half-bred

T. picta and *T. amherstiæ* ♀. Hatched in the Gardens, June 13, 1873.

u–z. Hybrids between a male of this species and half-bred *T. picta* and *T. amherstiæ*. Hatched in the Gardens, July 1, 1873.

a^1. Male. Hybrid between this species and *T. picta*. Received in exchange, Feb. 20, 1874.

b^1, c^1. ¾-bred between pure ♂ *Thaumalea amherstiæ* and half-bred *T. picta* and *T. amherstiæ* ♀. Hatched in the Gardens, June 5, 1874.

d^1–i^1. Hatched in the Gardens, July 3, 1874.

j^1–l^1. Hybrid between a ♂ of this species and half-bred *T. picta* and *T. amherstiæ* ♀. Hatched in the Gardens, July 3, 1874.

m^1. Bred in the Gardens, July 27, 1875.

n^1, o^1. Hybrids between this species and half-bred *T. picta*. Bred in the Gardens, July 27, 1875.

p^1–s^1. Bred in the Gardens, Aug. 3, 1875.

t^1–b^2. Bred in the Gardens, June 26, 1876.

c^2–k^2. Bred in the Gardens, July 20, 1876.

l^2. Bred in the Gardens, Aug. 8, 1876.

m^2. Male; n^2, o^2. Females. Presented by Dr. A. G. Reid, Feb. 2, 1877.

p^2–y^2. Bred in the Gardens, June 28, 1877.

z^2–i^3. Bred in the Gardens, July 27, 1877.

j^3–o^3. Bred in the Gardens, July 3, 1878.

p^3–t^3. Bred in the Gardens, July 16, 1878.

u^3–x^3. Bred in the Gardens, June 5, 1879.

y^3. Bred in the Gardens, Aug. 7, 1879.

z^3. Female. Received in exchange, April 7, 1880.

a^4. Male. Purchased, March 23, 1881.

b^4. Male. Presented by J. Biehl, Esq., Feb. 7, 1882.

c^4. Female. Purchased, April 5, 1882.

Genus Pucrasia.

1197. *Pucrasia microtopha* (Less.). Indian Pucras.

Hab. Himalayas.

a. Female. Deposited, Feb. 1, 1865.

b. Male; *c*. Female. Deposited, Aug. 21, 1871. From Simla.

1198. *Pucrasia darwini*, Swinh. Darwin's Pucras.

Hab. China.

a, *b*. Males. Deposited, Jan. 1, 1874.

c. Male. Deposited, April 1, 1874.

d, *e*. Females. Deposited, May 20, 1875.

f. Male. Deposited, Aug. 28, 1875.
g–i. Males; *j*, *k*. Females. Deposited, Nov. 20, 1875.
l. Male; *m*. Female. Purchased, Jan. 8, 1876.
n. Male; *o*. Female. Deposited, June 19, 1876.
p, *q*. Males; *r*. Females. Deposited, Oct. 25, 1877.
s. Male; *t*. Female. Purchased, March 19, 1878.
u. Bred in the Gardens, May 11, 1878.
v. Male. Purchased, July 8, 1879.

1199. *Pucrasia xanthospila*, Gray. Yellow-spotted Pucras.

Hab. China.

a. Male; *b*, *c*. Females. Deposited, Aug. 15, 1870.
d. Male. Presented by H.G. the Duke of Wellington, K.G., Nov. 10, 1871.
e. Female. Purchased, Nov. 21, 1871.

Genus Euplocamus.

1200. *Euplocamus prælatus* (Bonap.). Siamese Pheasant.

Hab. Siam.

a. Male. Received in exchange, March 4, 1865. See P. Z. S. 1865, p. 256.
b–d. Hybrids between specimen *a* and *Euplocamus lineatus* ♀. Bred in the Gardens, June 14, 1865.
e. Male; *f*. Female. Deposited, Sept. 22, 1865.
g. Male; *h*. Female. Purchased, Nov. 10, 1866.
i, *j*. Males; *k*. Female. Received in exchange, Oct. 28, 1867.
l. Male. Purchased, May 7, 1870.
m. Female. Received in exchange, Feb. 18, 1872.
n. Hatched in the Gardens, July 3, 1874.
o. Hatched in the Gardens, Aug. 3, 1875.
p. Bred in the Gardens, Aug. 8, 1876.
q. Male; *r*. Female. Purchased, April 11, 1877.
s. Male. Purchased, Nov. 1, 1878.
t, *u*. Females. Purchased, July 8, 1879.
v–x. Bred in the Gardens, June 18, 1880.
y. Bred in the Gardens, July 4, 1881.

1201. *Euplocamus swinhoii*, Gould. Swinhoe's Pheasant.

Hab. Formosa.

a. Male. Purchased, June 7, 1865.
b. Male. Purchased, Feb. 10, 1866.
c. Male. Deposited, June 6, 1866.
d. Male. Purchased, Aug. 7, 1866.
e–g. Males; *h*. Female. Deposited, Aug. 23, 1866.

i. Male; *j*, *k*. Females. Deposited, Oct. 27, 1866.
l, *m*. Females. Purchased, Nov. 2, 1866.
n–*t*. Bred in the Gardens, May 3, 1867.
u–*w*. Bred in the Gardens, June 23, 1867.
x, *y*. Males; *z*, a^1. Females. Deposited, Sept. 26, 1867.
b^1–d^1. Bred in the Gardens, May 8, 1868.
e^1, f^1. Bred in the Gardens, June 17, 1868.
g^1–k^1. Bred in the Gardens, June 17, 1868.
l^1–o^1. Deposited, June 24, 1869.
p^1. Male; q^1. Female. Deposited, Oct. 2, 1869.
r^1. Male; s^1. Female. Deposited, March 4, 1870.
t^1. Male; u^1. Female. Purchased, Feb. 18, 1872.
v^1. Male; w^1. Female. Purchased, May 26, 1873.
x^1–g^2. Hybrids between a male of this species and female of *E. nycthemerus*. Hatched in the Gardens, June 2, 1873.
h^2. Male; i^2. Female. Purchased, May 21, 1877.
j^2. Male; k^2. Female. Purchased, Nov. 1, 1878.
l^2. Male; m^2. Female. Purchased, May 25, 1881.
n^2. Female. Purchased, May 10, 1882.
o^2–t^2. Bred in the Gardens, June 10, 1882.

1202. *Euplocamus erythrophthalmus* (Raffl.). Rufous-tailed Pheasant.

Hab. Malacca.

a. Male; *b*, *c*. Females. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, pp. 139, 373.
d. Purchased, June 15, 1868.
e, *f*. Purchased, Aug. 22, 1868.
g. Male; *h*. Female. Purchased, March 18, 1870.
i. Male. Purchased, May 1, 1872.
j. Male; *k*. Female. Purchased, May 9, 1872.
l. Male; *m*. Female. Deposited, July 23, 1873.
n. Male; *o*. Female. Purchased, April 18, 1882.

1203. *Euplocamus vieilloti* (Gray). Vieillot's Fireback.

Hab. Malacca.

a. Male. Deposited, Feb. 13, 1869.
b. Male; *c*. Female. Presented by Col. A. S. Greenlaw, May 8, 1869.
d. Male; *e*. Female. Deposited, May 4, 1871.
f. Male. Presented by Capt. Parish, R.N., Nov. 6, 1871. From Mergui.
g. Male; *h*. Female. Purchased, June 1, 1872.
i. Male. Purchased, Feb. 10, 1873.
j. Female. Presented by Sir Harry St. George Ord, C.B., F.Z.S., June 25, 1877.

1204. *Euplocamus nobilis*, Sclater. Bornean Fireback.

Hab. Borneo.

a. Purchased, April 27, 1868. See P. Z. S. 1868, p. 261.
b. Male; *c*. Female. Purchased, Jan. 29, 1873. See P. Z. S. 1873, p. 194.
d. Male; *e*. Female. Purchased, May 31, 1875.
f. Female. Purchased, July 5, 1876.
g. Male; *h*. Female. Purchased, May 24, 1877.
i. Female. Presented by A. Dent, Esq., Oct. 22, 1878.

1205. *Euplocamus nycthemerus* (Linn.). Silver Pheasant.

Hab. China.

a. Male; *b*. Female. Received in exchange, 1861.
c. Bred in the Gardens, June 3, 1862.
d–f. Deposited, Feb. 17, 1865.
g. Deposited, Sept. 22, 1865. From India.
h. Female. Hybrid? Deposited, Sept. 22, 1865. From India.
i. Male. Hybrid? Purchased, Jan. 6, 1866.
j–l. Deposited, July 31, 1868.
m, *n*. Males. Deposited, March 4, 1870.
o, *p*. Males; *q–t*. Females. Presented by J. P. Davis, Esq., Aug. 21, 1872.
u–w. Hatched in the Gardens, July 3, 1874.
x. Female. Presented by Mr. W. Miles, May 23, 1876.
y. Male; *z*. Female. Received in exchange, July 17, 1877.
a^1. Male; b^1. Female. Presented by W. Soper, Esq., April 1, 1879.
c^1. Male. Presented by Mrs. E. J. Beagle, April 29, 1879.
d^1. Male. Presented by Mr. R. Moon, Oct. 27, 1879.
e^1. Male. Presented by Miss C. Hallett, Oct. 27, 1880.
f^1. Male; g^1. Female. Presented by Mrs. Hames, Aug. 9, 1882.

1206. *Euplocamus lineatus*, Vigors. Lineated Kaleege.

Hab. Tenasserim and Pegu.

a. Male; *b*, *c*. Females. Presented by John Squire, Esq., C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 373.
d. Male. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
e–k. Bred in the Gardens, May 25, 1865.
l–o. Bred in the Gardens, June 27, 1865.
p–t. Bred in the Gardens, June 5, 1866.
u–b^1. Bred in the Gardens, May 26, 1867.
c^1, d^1. Bred in the Gardens, June 23, 1867.

c–*i*¹. Hybrids between a female of this species and *E. cuvieri* ♂. Bred in the Gardens, May 28, 1868.
*j*¹, *k*¹. Hybrids (as above). Bred in the Gardens, June 17, 1868.
*l*¹. Male; *m*¹. Female. Presented by the Hon. Ashley Eden, June 1, 1875.
*n*¹–*x*¹. Bred in the Gardens, June 26, 1876.
*y*¹, *z*¹. Bred in the Gardens, July 20, 1876.
*a*². Male. Purchased, Nov. 1, 1878.
*b*². Male; *c*². Female. Purchased, April 5, 1882.

1207. *Euplocamus andersoni*, Elliot. Anderson's Kaleege.

Hab. Burmah.

a. Female. Presented by Mr. W. Jamrach, Feb. 18, 1876. See P. Z. S. 1876, p. 274.

1208. *Euplocamus cuvieri* (Temm.). Cuvier's Kaleege.

Hab. Arracan.

a, *b*. Males: *c*. Female. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
d, *e*. Presented by Dr. J. Squire, Sept. 4, 1868. See P. Z. S. 1868, p. 623.

1209. *Euplocamus horsfieldi*, Gray. Purple Kaleege.

Hab. North-west Himalayas.

a. Female. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857.
b. Male. Bred in the Gardens, July 9, 1861.
c–*e*. Bred in the Gardens, 1862.
f–*j*. Bred in the Gardens, June 14, 1865.
k–*m*. Bred in the Gardens, June 5, 1866.
n. Bred in the Gardens, May 26, 1867.
o–*s*. Bred in the Gardens, May 8, 1868.
t, *u*. Bred in the Gardens, June 18, 1870.
v, *w*. Hatched in the Gardens, June 13, 1872.
x. Hatched in the Gardens, June 2, 1873.
y. Female. Presented by J. Ditmas, Esq., June 19, 1877.

1210. *Euplocamus melanotis* (Blyth). Black-backed Kaleege.

Hab. Sikkim.

a. Male. Presented by the late Viscount Canning, July 14, 1857.
b. Female. Bred in the Gardens, 1858.
c. Bred in the Gardens, 1862.

d–f. Bred in the Gardens, June 14, 1865.
g–k. Bred in the Gardens, June 25, 1866.
l. Received in exchange, March 3, 1867.
m–r. Bred in the Gardens, June 11, 1867.
s–x. Bred in the Gardens, May 28, 1868.
y–a^1. Bred in the Gardens, June 18, 1870.
b^1. Male; *c*^{1}. Female. Purchased, April 5, 1882.
d^1. Female. Received in exchange, April 28, 1882.
e^1. Male. Presented by Sir Henry S. Boyton, Bart., Nov. 4, 1882.

1211. *Euplocamus albo-cristatus* (Vig.). White-crested Kaleege.

Hab. North-west Himalayas.

a. Female. Presented by the late Viscount Canning, July 14, 1857.
b. Female. Bred in the Gardens, 1859.
c. Male. Bred in the Gardens, July 9, 1860.
d. Male. Bred in the Gardens, July 9, 1861.
e–g. Deposited, March 31, 1863.
h, *i*. Males; *j*, *k*. Females. Deposited, March 23, 1865.
l–p. Bred in the Gardens, June 14, 1865.
q–u. Bred in the Gardens, June 25, 1866.
v. Male; *w*. Female. Purchased, Feb. 18, 1872.
x–b^1. Hatched in the Gardens, June 13, 1872.
c^1*–h*^{1}. Hatched in the Gardens, June 23, 1873.
i^1*–l*^{1}. Hatched in the Gardens, July 3, 1874.
m^1. Female. Purchased, Nov. 1, 1878.
n^1. Male; *o*^{1}. Female. Purchased, April 5, 1882.

Genus Gallus.

1212. *Gallus bankiva*, Temm. Bankiva Jungle-fowl.

Hab. India generally.

a–c. Males. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
d–i. Females. Hybrids. Presented by the Babu Rajendra Mullick, C.M.Z.S., Dec. 22, 1864.
j–x. Bred in the Gardens, May 25, 1865.
y. Bred in the Gardens, June 14, 1865.
z–b^1. Males; *c*^{1}*–f*^{1}. Females. Purity doubtful. Presented by Mrs. Kendall, Jan. 31, 1878.
g^1. Male; *h*^{1}. Female. Presented by W. Dunn, Esq., C.E., C.M.Z.S., Jan. 13, 1880.

1213. *Gallus varius,* Shaw. Fork-tailed Jungle-fowl.

Hab. Java.

a. Male. Received in exchange, Oct. 1860.
b, c. Males. Hybrids between ♂ of this species and *G. bankiva* ♀. Received in exchange, Nov. 1860.
d, e. Hybrids between this species and *G. domesticus.* Presented by W. T. Fraser, Esq., C.M.Z.S., June 9, 1875.
f, g. Male. (Pure.) Presented by W. T. Fraser, Esq., C.M.Z.S., Sept. 6, 1876.
h, i. Hybrids. Presented by W. T. Fraser, Esq., C.M.Z.S., Sept. 6, 1876.
j. Male. Presented by W. T. Fraser, Esq., C.M.Z.S., Sept. 14, 1876.
k. Female. Purchased, May 24, 1877.
l, m. Bred in the Gardens, June 20, 1877.
n. Bred in the Gardens, July 2, 1878.
o–q. Bred in the Gardens, Aug. 7, 1879.
r. Male. Deposited, March 31, 1881.

1214. *Gallus sonnerati,* Temm. Sonnerat's Jungle-fowl.

Hab. Southern India.

a. Male. Purchased, July 10, 1860.
b. Male. Three-quarters bred. Bred in the Gardens, Aug. 11, 1862.
c. Female. Purchased, March 12, 1863.
d. Female. Presented by Col. Charles Denison, F.Z.S., May 29, 1863.
e–i. Half-bred. Bred in the Gardens, 1863.
j. Male. Received in exchange, March 14, 1865.
k–r. Bred in the Gardens, May 25, 1865.
s–w. Bred in the Gardens, June 14, 1865.
x. Female. Presented by J. C. Parr, Esq., Nov. 7, 1865.
y. Deposited, March 20, 1868.
z–b^1. Received in exchange, March 27, 1868.
c^1*–j*^{1}. Bred in the Gardens, May 31, 1868.
k^1. Male. Presented by Mrs. White, March 17, 1874.
l^1. Female. Presented by A. Yates, Esq., May 30, 1874.
m^1. Deposited, April 7, 1876.

215. *Gallus stanleyi,* Gray. Ceylonese Jungle-fowl.

Hab. Ceylon.

a. Male; *b.* Female. Presented by H. Bayley, Esq., Sept. 10, 1873. See P. Z. S. 1873, p. 683.
c, d. Hatched in the Gardens, May 19, 1874.

e. Hatched in the Gardens, June 5, 1874.
f–h. Hatched in the Gardens, July 3, 1874.
i. Female. Presented by George Lyon Bennett, Esq., Dec. 8, 1878.
j. Male. Presented by Mrs. Dick-Lauder, Oct. 26, 1882.

Genus Ceriornis.

1216. *Ceriornis satyra* (Linn.). Horned Tragopan.
Hab. South-eastern Himalayas.

a. Male; *b*, *c*. Females. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 31, 1863. See P. Z. S. 1863, p. 104.
d–g. Males; *h*. Female. Deposited, March 31, 1863.
i–k. Bred in the Gardens, July 7, 1863.
l. Bred in the Gardens, June 10, 1864.
m, *n*. Deposited, March 23, 1865.
o. Bred in the Gardens, June 27, 1865.
p–r. Bred in the Gardens, July 16, 1865.
s. Female. Purchased, Nov. 11, 1865.
t. Male. Purchased, April 22, 1873.
u. Female. Received in exchange, June 21, 1873.
v. Male; *w*. Female. Presented by H.R.H. The Prince of Wales, July 24, 1876.
x. Female. Received in exchange, July 18, 1877.
y, *z*. Bred in the Gardens, June 7, 1878.
a^1. Male; b^1–d^1. Females. Presented by His Royal Highness the Prince of Wales, K.G., F.Z.S., Feb. 5, 1880.
e^1. Male. Deposited, March 30, 1880.
f^1, g^1. Bred in the Gardens, June 18, 1880.
h^1, i^1. Bred in the Gardens, July 24, 1880.
j^1. Bred in the Gardens, June 23, 1881.
k^1, l^1. Bred in the Gardens, July 14, 1881.
m^1–p^1. Bred in the Gardens, June 3, 1882.

1217. *Ceriornis melanocephala*, Gray. Black-headed Tragopan.
Hab. Northern India.

a. Male; *b*. Female. Purchased, April 5, 1882.

1218. *Ceriornis temminckii* (Gray). Temminck's Tragopan.
Hab. China.

a. Male. Purchased, Nov. 10, 1864.
b, *c*. Males. Deposited, Aug. 3, 1866.
d. Female. Received in exchange, Dec. 14, 1867.
e. Male. Received in exchange, Dec. 20, 1868.

f. Deposited, Feb. 13, 1869.
g–*j*. Bred in the Gardens, May 29, 1869.
k. Male; *l*. Female. Deposited, Aug. 27, 1869.
m. Deposited, Jan. 6, 1870.
n, *o*. Males. Deposited, Aug. 15, 1870.
p–*v*. Bred in the Gardens, May 26, 1871.
w–*y*. Bred in the Gardens, June 28, 1871.
z, *a*¹. Bred in the Gardens, July 13, 1871.
*b*¹. Male. Purchased, Sept 27, 1871.
*c*¹. Male. Presented by H.G. the Duke of Wellington, K.G., Nov. 10, 1871.
*d*¹. Hatched in the Gardens, July 23, 1873.
*e*¹–*g*¹. Hatched in the Gardens, May 19, 1874.
*h*¹, *i*¹. Hatched in the Gardens, June 5, 1874.
*j*¹–*m*¹. Hatched in the Gardens, June 15, 1875.
*n*¹. Deposited, July 10, 1875.
*o*¹. Bred in the Gardens, July 20, 1876.
*p*¹, *q*¹. Bred in the Gardens, June 28, 1877.
*r*¹–*t*¹. Bred in the Gardens, July 27, 1877.
*w*¹–*x*¹. Bred in the Gardens, May 27, 1878.
*y*¹. Male. Presented by H.R.H. the Prince of Wales, K.G., F.Z.S., Feb. 5, 1880.

1219. *Ceriornis caboti*, Gould. Cabot's Horned Tragopan.

Hab. China.

a. Male. Purchased, April 18, 1882.

1220. *Ceriornis blythi*, Jerdon. Blyth's Tragopan.

Hab. Upper Assam.

a. Male. Presented by Major Montagu, March 12, 1870. See P. Z. S. 1870, p. 219, pl. xv.

Subfamily V. Pavoninæ.

Genus Pavo.

1221. *Pavo cristatus*, Linn. Common Peafowl.

Hab. India.

a. Male; *b*. Female. Deposited, Jan. 16, 1860, by C. Clifton, Esq., F.Z.S., and afterwards presented.
c. Male; *d*. Female. (White variety.) Deposited, Jan. 26, 1860, by C. Clifton, Esq., F.Z.S., and aftewards presented.
e. Presented by A. Grote, Esq., C.M.Z.S., April 30, 1863. From Burmah.

f, *g*. Females. Hybrids between this species and *Pavo nigripennis*, Sclater. Bred in the Gardens, July 24, 1863.
h, *i*. (White variety.) Deposited, April 27, 1865.
j. Male. Deposited, Feb. 21, 1866.
k. Presented by Mrs. Wambey, Aug. 12, 1867.
l. Male. (White variety.) Received in exchange, Jan. 20, 1869.
m. Male; *n*. Female. Presented by Major-Gen. J. K. Whistler, April 13, 1869.
o. Presented by Lady Cranstoun, Sept. 25, 1869.
p, *q*. Females. Purchased, April 21, 1871.
r. Male. Presented by Sir Thomas Dyer, Bart., May 10, 1871.
s, *t*. Males: *u*, *v*. Females. Presented by Mrs. Stern, May 10, 1873.
w, *x*. Presented by J. Blake, Esq., May 31, 1873.
y. Male; *z*–*b*^{1}. Females. Presented by the Lord Nelson, Aug. 13, 1873.
c^1. Male; *d*^{1}, *e*^{1}. Females. Deposited, Feb. 22, 1875.
f^1. Presented by Major C. Morgan, March 2, 1875.
g^1. Presented by Mrs. Russ, Nov. 29, 1878.
h^1. Male. Presented by J. B. Hopkinson, Esq., March 28, 1879.
i^1, *j*^{1}. Males; *k*^{1}, *l*^{1}. Females. Purchased, Jan. 19, 1880.
m^1. Male; *n*^{1}. Female. Presented by Miss Wedderburn, June 29, 1880.
o^1. Male; *p*^{1}. Female. Presented by Mrs. Joseph Hoare, July 28, 1880.
q^1, *r*^{1}. Females. Presented by Mrs. Edward Brown, Feb. 23, 1881.
s^1. Male; *t*^{1}. Female. Presented by George Stevenson, Esq., June 11, 1881.
u^1–*w*^{1}. Bred in the Gardens, July 11, 1881.
x^1. Presented by Mrs. Walter Crane, March 4, 1882.

1222. *Pavo nigripennis*, Sclater. Black-winged Peafowl.

Hab. Cochin China (?).

a. Male. Presented by W. R. W. Halsey, Esq., April 29, 1859.
b, *c*. Males: *d*. Female. Deposited, Jan. 16, 1860, by C. Clifton, Esq., F.Z.S., and subsequently presented. Types of *Pavo nigripennis*, as described, P. Z. S. 1860, p. 221.
e. Purchased, Nov. 18, 1868.
f. Female. Purchased, April 21, 1871.
g. Male; *h*. Female. Presented by Sir Thomas Dyer, Bart., May 10, 1871.

i. Male. Presented by the Hon. A. S. G. Canning, May 29, 1874.
j. Male. Presented by the Hon. A. S. G. Canning, Nov. 26, 1874.
k, *l*. Females. Presented by the Hon. A. S. G. Canning, Feb. 28, 1878.
m. Presented by the Hon. A. S. G. Canning, F.Z.S., Feb. 1, 1879.
n. Female. Presented by the Hon. A. S. G. Canning, F.Z.S., July 8, 1879.
o. Presented by J. Marshall, Esq., March 15, 1881.
p. Presented by J. Marshall, Esq., Nov. 23, 1881.

1223. *Pavo spicifer*, Horsf. Javan Peafowl.

Hab. Burmah and Java.

a. Male. Presented by William Dunn, Esq., C.M.Z.S., July 25, 1864. From Arracan. See P. Z. S. 1864, p. 373.
b, *c*. Females. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864.
d. Bred in the Gardens, June 22, 1867.
e. Purchased, Nov. 18, 1868.
f. Male: *g*. Female. Purchased, Aug. 18, 1869.
h. Purchased, June 5, 1871.
i. Presented by Capt. Parish, R.N., Nov. 6, 1871. From Mergui.
j. Male. Presented by Sir C. Smith, Nov. 9, 1872.
k. Male; *l*. Female. Purchased, April 16, 1875.
m. Female. Purchased, May 24, 1877.
n. Bred in the Gardens, June 24, 1878.
o, *p*. Purchased, May 24, 1879.
q–*s*. Deposited, June 5, 1879.
t. Male. Received in exchange, Oct. 10, 1879.
u. Male; *v*. Female. Purchased, May 23, 1882.

Genus Polyplectron.

1224. *Polyplectron chinquis*, Temm. Peacock Pheasant.

Hab. British Burmah.

a–*y*. See former editions.
z–b^1. Hatched in the Gardens, April 12, 1872.
c^1, d^1. Hatched in the Gardens, May 21, 1872.
e^1, f^1. Hatched in the Gardens, April 21, 1873.
g^1–k^1. Hatched in the Gardens, May 5, 1873.
l^1–n^1. Hatched in the Gardens, May 19, 1874.
o^1, p^1. Hatched in the Gardens, June 10, 1874.

q^1–t^1. Hatched in the Gardens, June 3, 1875.
u^1, v^1. Deposited, Dec. 16, 1875.
w^1, x^1. Bred in the Gardens, June 26, 1876.
y^1–a^2. Males: b^2, c^2. Females. Purchased, May 10, 1879.
d^2. Bred in the Gardens, July 23, 1879.
e^2, f^2. Bred in the Gardens, June 18, 1880.
g^2. Bred in the Gardens, July 24, 1880.
h^2, i^2. Males: j^2. Female. Deposited, May 24, 1881.
k^2–m^2. Bred in the Gardens, June 3, 1881.
o^2, p^2. Bred in the Gardens, June 3, 1882.

1225. *Polyplectron germaini*, Elliot. Germain's Peacock Pheasant.

Hab. Cochin China.

a. Male. Purchased, Dec. 24, 1881.

1226. *Polyplectron bicalcaratum* (Linn.). Crested Peacock Pheasant.

Hab. Malacca.

a. Male. Received in exchange, July 20, 1871.
b. Male: *c*. Female. Deposited, Jan. 9, 1872.
d. Male. Deposited, July 13, 1872.
e. Male. Purchased, Aug. 10, 1875.

Genus Argus.

1227. *Argus giganteus*, Temm. Argus Pheasant.

Hab. Malacca.

a. Male: *b*. Female. Deposited, Oct. 15, 1870.
c. Male; *d*. Female. Deposited, Jan. 9, 1872.
e, *f*. Males. Presented by J. C. Fanshawe, Esq., May 28, 1872. See P. Z. S. 1872, p. 729.
g. Female. Deposited, June 24, 1873.
h, *i*. Females. Presented by Sir H. St. George Ord, K.C.B., July 14, 1873. See P. Z. S. 1873, p. 683.
j. Male. Received in exchange, Aug. 19, 1875.
k. Male; *l*. Female. Presented by Sir Harry St. George Ord, K.C.B., F.Z.S., June 25, 1877.
m, *n*. Bred in the Gardens, June 22, 1878.
o. Bred in the Gardens, July 16, 1878.
p, *q*. Bred in the Gardens, Aug. 2, 1878. See P. Z. S. 1879, p. 116.
r. Male. Received in exchange, May 26, 1879.
s, *t*. Males. Presented by Major M'Nair, C.M.G., and J. M. Vermont, Esq., May 18, 1882.

Subfamily VI. Meleagrinæ.

Genus Meleagris.

1228. *Meleagris ocellata*, Temm. Ocellated Turkey*.

Hab. Guatemala.

a, *b*. Presented by H.M. The Queen, Sept. 1857. See P. Z. S. 1861, p. 402.
c. Female. Presented by Robert Owen, Esq., C.M.Z.S., April 29, 1861. See P. Z. S. 1861, p. 403.
d. Female. Presented by Capt. d'Arcy, R.N., Nov. 22, 1864.
e. Male. Hybrid between this species and *Meleagris mexicana*, Gould, var. *domestica*. Bred in the Gardens, June 14, 1865.
f, *g*. Males. Presented by W. E. Sibeth, Esq., July 20, 1881.

1229. *Meleagris gallo-pavo*, Linn. North-American Turkey.

Hab. North America.

a, *b*. Purchased, Nov. 20, 1863.
c, *d*. Presented by E. K. Karslake, Esq., F.Z.S., Nov. 8, 1866. From Canada.
e–*g*. Purchased, March 26, 1867.
h–*t*. Bred in the Gardens, May 24, 1867.
u–c^1. Bred in the Gardens, June 12, 1867.
d^1–w^1. Hybrids between a male of this species and *M. ocellata* ♀. Bred in the Gardens, May 30, 1868.
x^1. Male; y^1, z^1. Females. Presented by R. Wynne Roberts, Esq., Aug. 5, 1879.

Subfamily VII. Numidinæ.

Genus Numida.

1230. *Numida meleagris* (Linn.). Common Guinea-fowl.

Hab. British Islands.

a. Presented by Lady Walker, Aug. 26, 1864. From the Cape of Good Hope.

---

* See remarks on this species and figures, P. Z. S. 1861, p. 402, pl. xl.

b, *c*. White variety. Presented by Lieut. L. C. Keppel, R.N., Feb. 23, 1864. From Madagascar.
d. Purchased, May 8, 1868. From West Africa.
e, *f*. Purchased, June 28, 1872. From Mexico.

1231. *Numida ptilorhyncha*, Licht. Abyssinian Guinea-fowl.

Hab. Abyssinia.

a. Male: *b*. Female. Purchased, March 16, 1865.
c. Purchased, May 8, 1868. From Aden.
d. Purchased, May 8, 1868. From Eastern Africa.
e, *f*. Presented by Capt. Burke, May 25, 1877.
g–*i*. Purchased, May 22, 1879.
j–*m*. Presented by Gerald Waller, Esq., Aug. 14, 1880.

1232. *Numida rendalli*, Ogilby. Rendall's Guinea-fowl.

Hab. West Africa.

a, *b*. Presented by Mons. J. M. Cornély, C.M.Z.S., May 20, 1875.
c, *d*. Purchased, Oct. 6, 1879.

1233. *Numida cornuta*, Hartl. & Finsch. Horned Guinea-fowl.

Hab. South Africa.

a, *b*. Presented by Lady Walker, Aug. 26, 1864.

1234. *Numida mitrata*, Pallas. Mitred Guinea-fowl.

Hab. Madagascar.

a–*d*. Presented by Mrs. Moon, May 11, 1866.
e–*g*. Deposited, Aug. 6, 1879, and purchased Oct. 2, 1879.

1235. *Numida cristata*, Pall. Crested Guinea-fowl.

Hab. West Africa.

a. Purchased, Sept. 7, 1865.
b. Purchased, Sept. 9, 1865.
c. Purchased, Dec. 28, 1865.
d. Deposited, Dec. 28, 1865.
e. Purchased, June 13, 1866.
f, *g*. Presented by William M'Coskey, Esq., Dec. 23, 1867.
h. Male: *i*. Female. Purchased, May 7, 1870. See P. Z. S. 1870, p. 383, and 1871, p. 495. Types of *N. verreauxi*, Elliot, as figured and described in Mon. Phas. pt. i.

j. Received in exchange, Jan. 2, 1873.
k. Purchased, Jan. 17, 1874.
l, *m*. Purchased, March 6, 1874.
n, *o*. Bred in the Gardens, July 28, 1876. See P. Z. S. 1876, p. 695.
p, *q*. Presented by D. R. Ratcliff, Esq., Dec. 8, 1876.
r–*t*. Deposited, June 4, 1877.
u, *v*. Presented by Mrs. Collingwood, Feb. 9, 1878.
w. Presented by Vice-Admiral John Corbett, C.B., Oct. 3, 1879.
x. Purchased, June 24, 1881.

1236. *Numida pucherani*, Hartl. Pucheran's Guinea-fowl.

Hab. East Africa.

a, *b*. Deposited, July 12, 1879.
c–*f*. Deposited, Aug. 6, 1879. One died Aug. 6, one Aug. 9, one Aug. 18; survivor purchased, Oct. 2, 1879. See P. Z. S. 1879, p. 718.
g, *h*. Deposited, Dec. 7, 1879.
i, *j*. Presented by the Rev. T. Wakefield, April 26, 1880.

1237. *Numida vulturina*, Hardw. Vulturine Guinea-fowl. (Fig. 53, p. 497.)

Hab. Eastern Africa.

a. Presented by Dr. John Kirk, C.M.Z.S., April 27, 1870. See P. Z. S. 1870, p. 280.
b, *c*. Presented by Dr. John Kirk, C.M.Z.S., June 14, 1872. See P. Z. S. 1872, p. 789.
d, *e*. Presented by Dr. John Kirk, C.M.Z.S., Jan. 28, 1874. See P. Z. S. 1874, p. 110.
f. Presented by Dr. John Kirk, C.M.Z.S., June 14, 1874.
g, *h*. Deposited, June 16, 1876.
i–*p*. Deposited, April 23, 1877.
q, *r*. Deposited, June 4, 1877.
s–*v*. Deposited, July 8, 1878.
w. Hybrid between this species and *N. meleagris*. Presented by Mons. J. M. Cornély, C.M.Z.S., Nov. 25, 1878.
x–a^1. Deposited, July 12, 1879.
b^1. Deposited, Aug. 6, 1879, and purchased, Oct. 2, 1879.
c^1. Deposited, Aug. 7, 1879; died Aug. 25, 1879.
d^1–f^1. Presented by Vice-Admiral John Corbett, C.B., Oct. 3, 1879.
g^1. Deposited, March 27, 1880.
h^1–o^1. Deposited, July 12, 1881.

---

* *Cf.* Sclater, P. Z. S. 1880, p. 539.

j. Received in exchange, Jan. 2, 1873.
k. Purchased, Jan. 17, 1874.
l, *m*. Purchased, March 6, 1874.
n, *o*. Bred in the Gardens, July 28, 1876. See P. Z. S. 1876, p. 695.
p, *q*. Presented by D. R. Ratcliff, Esq., Dec. 8, 1876.
r–*t*. Deposited, June 4, 1877.
u, *v*. Presented by Mrs. Collingwood, Feb. 9, 1878.
w. Presented by Vice-Admiral John Corbett, C.B., Oct. 3, 1879.
x. Purchased, June 24, 1881.

1236. *Numida pucherani*, Hartl. Pucheran's Guinea-fowl.

Hab. East Africa.

a, *b*. Deposited, July 12, 1879.
c–*f*. Deposited, Aug. 6, 1879. One died Aug. 6, one Aug. 9, one Aug. 18; survivor purchased, Oct. 2, 1879. See P. Z. S. 1879, p. 718.
g, *h*. Deposited, Dec. 7, 1879.
i, *j*. Presented by the Rev. T. Wakefield, April 26, 1880.

1237. *Numida vulturina*, Hardw. Vulturine Guinea-fowl. (Fig. 53, p. 497.)

Hab. Eastern Africa.

a. Presented by Dr. John Kirk, C.M.Z.S., April 27, 1870. See P. Z. S. 1870, p. 280.
b, *c*. Presented by Dr. John Kirk, C.M.Z.S., June 14, 1872. See P. Z. S. 1872, p. 789.
d, *e*. Presented by Dr. John Kirk, C.M.Z.S., Jan. 28, 1874. See P. Z. S. 1874, p. 110.
f. Presented by Dr. John Kirk, C.M.Z.S., June 14, 1874.
g, *h*. Deposited, June 16, 1876.
i–*p*. Deposited, April 23, 1877.
q, *r*. Deposited, June 4, 1877.
s–*v*. Deposited, July 8, 1878.
w. Hybrid between this species and *N. meleagris*. Presented by Mons. J. M. Cornély, C.M.Z.S., Nov. 25, 1878.
x–*a*[1]. Deposited, July 12, 1879.
b[1]. Deposited, Aug. 6, 1879, and purchased, Oct. 2, 1879.
c[1]. Deposited, Aug. 7, 1879; died Aug. 25, 1879.
d[1]–*f*[1]. Presented by Vice-Admiral John Corbett, C.B., Oct. 3, 1879.
g[1]. Deposited, March 27, 1880.
h[1]–*o*[1]. Deposited, July 12, 1881.

---

* *Cf.* Sclater, P. Z. S. 1880, p. 539.

Fig. 53.

Numida vulturina.

Family CRACIDÆ.

Subfamily I. CRACINÆ*.

Genus CRAX.

1238. *Crax globicera*, Linn. Globose Curassow.

Hab. Central America.

a, *b*. Females. Presented by H.E. R. W. Keate, Governor of Trinidad, Aug. 9, 1862.
c. Male; *d*. Female. Presented by R. S. Newall, Esq., Aug. 12, 1864.
e. Presented by Capt. Abbott, Aug. 31, 1864.
f. Male; *g*. Female. Purchased, Nov. 16, 1865.
h. Presented by Commander Glynn, R.N., Aug. 20, 1866.
i. Male; *j*. Female. Deposited, Oct. 20, 1866.
k, *l*. Received in exchange, Feb. 4, 1869.
m. Female. Purchased, Dec. 13, 1869.
n. Female. Purchased, May 25, 1870.
o. Male; *p*. Female. Purchased, July 28, 1870.
q. Female. Purchased, July 16, 1872.
r. Female. Presented by Capt. Butler, Oct. 15, 1872.
s. Male. Purchased, May 15, 1873. From Nicaragua.
t. Female. Purchased, Nov. 21, 1876.
u, *v*. Purchased, May 31, 1876.
w. Male. Purchased, Feb. 15, 1878.
x. Purchased, Dec. 9, 1878.
y. Presented by the Rev. Ralph Cooper, March 28, 1879.
z. Purchased, June 12, 1879.
a^1–c^1. Presented by Major F. Hime, July 14, 1879.
d^1–g^1. Presented by F. P. Barlee, Esq., C.M.G., July 27, 1880.
h^1. Male; i^1–k^1. Females. Deposited, Feb. 12, 1881.
l^1, m^1. Females. Purchased, Feb. 21, 1881.
n^1. Female. Presented by A. Lambert, Esq., May 29, 1881.
o^1. Male; p^1. Female. Purchased, Oct. 25, 1882.
q^1. Male; r^1. Female. Presented by R. W. Ryass, Esq., Nov. 10, 1882.

---

* On the Curassows living in the Society's Gardens, see Sclater, Trans. Zool. Soc. ix. p. 273.

1239. *Crax daubentoni*, Gray. Daubenton's Curassow.

Hab. Venezuela.

a. Male; *b*. Female. Presented by J. Wright, Esq., Sept. 29, 1870. From Tucacas, Venezuela. See P. Z. S. 1870, p. 671.
c. Male; *d*, *e*. Females. Presented by A. Warrington, Esq., July 11, 1871. See P. Z. S. 1871, p. 624, et Tr. Z. S. vol. ix. pls. XLI., XLII.
f. Male. Presented by George Hall, Esq., Sept. 5, 1871.
g. Female. Deposited, Oct. 24, 1871.
h, *i*. Purchased, Feb. 15, 1877.
j. Deposited, May 24, 1877.
k. Presented by A. Warmington, Esq., June 25, 1878.
l. Male. Presented by Capt. King, June 29, 1881.

1240. *Crax alector*, Linn. Crested Curassow.

Hab. Guiana.

a. Presented by W. Duncan Stewart, Esq., June 26, 1861.
b, *c*. Presented by R. W. Keate, Gov. of Trinidad, Aug. 9, 1862.
d. Purchased, May 3, 1865.
e. Presented by Mrs. Beaumont, April 10, 1866.
f–*i*. Deposited, July 25, 1867.
j, *k*. Presented by Col. May, Aug. 14, 1869.
l. Presented by Mr. J. Stanton, June 6, 1871.
m, *n*. Presented by G. Browne, Esq., Sept. 7, 1871.
o, *p*. Presented by Quintin Hogg, Esq., July 16, 1872.
q, *r*. Females. Purchased, Sept. 13, 1872. From Demerara.
s. Presented by Geo. Bruce, Esq., May 14, 1874.
t. Purchased, July 20, 1876.
u. Purchased, Feb. 15, 1877.
v. Purchased, April 25, 1878.
w. Purchased, Sept. 30, 1882.
x. Purchased, Oct. 2, 1882.

1241. *Crax sclateri*, G. R. Gray. Sclater's Curassow.

Hab. South America.

a. Female. Received in exchange, March 12, 1861.
b. Female. Presented by the Prince de Joinville, Oct. 13, 1863. See Tr. Z. S. vol. ix. pl. XLV.
c. Female. Received in exchange, Feb. 21, 1872.
d, *e*. Purchased, Jan. 20, 1874. From Maranham.
f. Female. Purchased, Oct. 15, 1877.
g. Male; *h*, *i*. Females. Presented by A. Baillie, Esq., Nov. 1, 1877. From Paraguay.

j. Purchased, May 17, 1879.
k. Male; *l*. Female. Purchased, April 9, 1881.
m. Male. Presented by F. Youle, Esq., March 21, 1882. From the Province of Alagoas, Brazil.
n. Female. Purchased, Oct. 31, 1882.

1242. *Crax globulosa*, Spix. Globulose Curassow.

Hab. Amazons.

a. Female. Purchased, Oct. 15, 1877.

1243. *Crax carunculata*, Temm. Yarrell's Curassow.

Hab. South-east Brazil.

a. Male. Purchased, April 5, 1859.
b. Female. Purchased, March 12, 1861.
c, *d*. Purchased, May 3, 1865.
e. Male; *f*. Female. Received in exchange, Feb. 26, 1867.
g, *h*. Presented by Edward Thornton, Esq., H.B.M.'s Minister, Rio de Janeiro, May 4, 1867.
i, *j*. Deposited, Dec. 2, 1867.
k. Deposited, Oct. 29, 1868.
l. Female. Purchased, May 25, 1870.
m. Male. Purchased, Dec. 23, 1873.
n. Presented by Mrs. A. E. Nash, Jan. 2, 1875.
o, *p*. Purchased, July 21, 1875.
q. Presented by A. Peixoto, Esq., April 20, 1876.
r. Purchased, Oct. 15, 1877.
s. Male; *t*. Female. Purchased, Jan. 30, 1878.
u. Female. Deposited, Sept. 24, 1880.

1244. *Crax alberti*, Fraser. Prince Albert's Curassow.

Hab. Columbia.

a, *b*. Purchased, April 2, 1868.
c. Female. Purchased, May 25, 1870.
d. Female. Purchased, July 28, 1870. From Santa Martha. See P. Z. S. 1870, p. 669.
e. Presented by Major Robert Miller Mundy, Oct. 3, 1872.
f. Female. Purchased, March 1, 1873. From Cartagena.
g. Male. Purchased, Jan. 21, 1874.
h, *i*. Females. Purchased, Aug. 30, 1877.
j. Female. Purchased, July 3, 1878.
k. Presented by H. B. Whitmarsh, Esq., March 31, 1880.
l. Male; *m*. Female. Purchased, April 29, 1880.
n. Female. Purchased, Sept. 29, 1880.
o. Female. Purchased, Nov. 30, 1880.
p. Female. Purchased, June 1, 1881.

1245. *Crax viridirostris*, Sclater. Green-billed Curassow.
Hab. South America.

a. Deposited, May 31, 1875. Specimen described Trans. Zool. Soc. vol. ix. p. 282; also P. Z. S. 1876, p. 364.

1246. *Crax incommoda*, Sclater. Inconvenient Curassow.
Hab. South America.

a. Female. Purchased, May 25, 1870. See P. Z. S. 1872, p. 690, et Tr. Z. S. vol. ix. pl. XLIX.
b. Purchased, Oct. 30, 1873.

Genus MITUA.

1247. *Mitua tuberosa* (Spix). Razor-billed Curassow.
Hab. Guiana.

a. Purchased, Aug. 6, 1860.
b, *c*. Presented by the Prince de Joinville, Oct. 13, 1863.
d, *e*. Presented by Sir William Clay, Bart., F.Z.S., Dec. 17, 1863.
f. Presented by Ed. Thornton, Esq., H.B.M.'s Minister, Rio de Janeiro, May 4, 1867.
g. Male. Purchased, May 25, 1870.
h, *i*. Presented by Mrs. A. E. Nash, Jan. 2, 1875.
j, *k*. Purchased, July 21, 1875.
l, *m*. Purchased, July 31, 1875.
n. Purchased, July 20, 1876.
o. Purchased, July 29, 1878.
p. Deposited, Sept. 24, 1880.
q. Purchased, Sept. 30, 1882.
r. Purchased, Oct. 25, 1882.
s. Purchased, Oct. 31, 1882.

1248. *Mitua tomentosa* (Spix). Lesser Razor-billed Curassow.
Hab. Guiana.

a, *b*. Purchased, Jan. 14, 1862.
c, *d*. Purchased, Dec. 13, 1877.
e. Purchased, Jan. 30, 1878.

Genus PAUXIS.

1249. *Pauxis galeata* (Lath.). Galeated Curassow.
Hab. Venezuela and Columbia.

a, *b*. Males. Purchased, July 28, 1870. From Santa Martha. See P. Z. S. 1870, p. 669, et Tr. Z. S. vol. ix. pl. LIII.

Genus Nothocrax.

1250. *Nothocrax urumutum*, Spix. Urumutum Curassow.

Hab. Upper Amazons.

a. Purchased, July 16, 1877. See P. Z. S. 1877, p. 681.
b, *c*. Purchased, Oct. 31, 1882.

Subfamily II. Penelopinæ.

Genus Penelope.

1251. *Penelope purpurascens*, Wagl. Mexican Guan.

Hab. Central America.

a, *b*. Purchased, Jan. 4, 1867.
c, *d*. Deposited, July 25, 1867.
e, *f*. Presented by John Carmichael, Esq., July 18, 1873.

1252. *Penelope marail* (Gm.). Marail Guan.

Hab. Guiana.

a, *b*. Presented by S. Sandbach Parker, Esq., Oct. 23, 1862.
c. Presented by Capt. d'Arcy, R.N., Nov. 22, 1864.
d. Presented by Lady Cust, March 9, 1867.
e. Purchased, Aug. 13, 1870.

1253. *Penelope greeyi*, Gray. Greey's Guan.

Hab. St. Martha, New Granada.

a. Purchased, July 14, 1865. Specimen described and figured, P. Z. S. 1866, p. 206, pl. xxii.
b, *c*. Presented by Rob. Gardner, Esq., Sept. 13, 1869.

1254. *Penelope cristata* (Linn.). Rufous-vented Guan.

Hab. Central America.

a. Male. Presented by Capt. J. S. Symon, Feb. 28, 1870*.
b. Purchased, June 28, 1870.
c. Presented by A. Warmington, Esq., Aug. 20, 1875.
d. Purchased, Aug. 14, 1876. From Nicaragua.
e. Presented by D. Niron, Esq., March 6, 1877.
f. Presented by D. Niron, Esq., June 17, 1877.
g. Purchased, Nov. 30, 1878.
h, *i*. Presented by Mr. A. G. Carazo, Dec. 3, 1878.
j. Purchased, Nov. 30, 1880.

---

* Erroneously entered in P. Z. S. 1870, p. 893, as *P. boliviana*.

1255. *Penelope pileata*, Licht. Red-breasted Guan.

Hab. Northern Brazil.

a, *b*. Purchased, March 8, 1864.
c, *d*. Purchased, May 26, 1870.
e. Purchased, May 25, 1873.

1256. *Penelope jacucaca*, Spix. White-fronted Guan.

Hab. South-east Brazil.

a–*c*. Purchased, Feb. 9, 1870. See P. Z. S. 1870, p. 523.
d. Purchased, June 28, 1870.
e–*g*. Purchased, Jan. 4, 1873.
h. Deposited, Nov. 4, 1875.
i, *j*. Purchased, March 23, 1877.
k. Purchased, April 14, 1877.
l. Purchased, Jan. 30, 1878.

1257. *Penelope superciliaris* (Wagl.). White-eyebrowed Guan.

Hab. South-east Brazil.

a. Deposited, July 25, 1867.
b. Purchased, June 10, 1869.
c, *d*. Presented by Edward Harris, Esq., Oct. 16, 1869.
e. Purchased, Jan. 4, 1873.
f. Purchased, Nov. 4, 1875.
g. Purchased, April 14, 1877.
h. Purchased, Oct. 16, 1880. From Panellas.

Genus Pipile.

1258. *Pipile cumanensis* (Jacq.). Piping Guan.

Hab. Guiana.

a. Male. Purchased, Dec. 20, 1870. From the River Cassiquiare. See P. Z. S. 1871, p. 36.
b, *c*. Purchased, July 16, 1877. From Bahia.

1259. *Pipile jacutinga* (Spix). White-crested Guan.

Hab. South-east Brazil.

a. Presented by the Prince de Joinville, Oct. 13, 1863.
b. Presented by the Comte and Comtesse d'Eu, Feb. 13, 1865.
c, *d*. Presented by Robert Baker, Esq., May 30, 1866. From Porto Alegre, Rio Grande, Brazil.
e. Male. Presented by George Hall, Esq., Sept. 5, 1871.
f. Purchased, Feb. 7, 1873.

1260. *Pipile cujubi* (Pelz.). Amazonian Guan.
Hab. Lower Amazons.

a–c. Purchased, May 25, 1873. See P. Z. S. 1873, p. 518.

Genus Aburria.

1261. *Aburria carunculata,* Reich. Wattled Guan.
Hab. U. S. Columbia.

a, b. Presented by L. Merino, Esq., Aug. 29, 1876. See P. Z. S. 1876, p. 696.

Genus Ortalis.

1262. *Ortalis motmot* (Linn.). Little Guan.
Hab. Guiana.

a. Purchased, May 28, 1864.
b–e. Presented by Capt. Sawyer, June 12, 1866.
f. Presented by F. P. Barlee, Esq., C.M.G., July 27, 1880.

1263. *Ortalis ruficauda* (Jard.). Red-tailed Guan.
Hab. Tobago, West Indies.

a, b. Presented by W. J. Buhôt, M.D., M.R.C.S., Oct. 4, 1870. See P. Z. S. 1870, p. 796.

1264. *Ortalis albiventris* (Wagl.). White-bellied Guan.
Hab. Brazil.

a. Purchased, Dec. 18, 1872.
b, c. Purchased, July 31, 1875.
d, e. Purchased, Oct. 17, 1877.
f, g. Purchased, Jan. 30, 1878.
h. Presented by W. A. Forbes, Esq., Oct. 16, 1880. From Pernambuco.

1265. *Ortalis vetula* (Wagl.). Mexican Guan.
Hab. Mexico.

a. Purchased, May 15, 1873.

1266. *Ortalis garrula* (Humb.). Chattering Guan.
Hab. Columbia.

a. Presented by George Dawson Rowley, Esq., F.Z.S., Aug. 26, 1874. From Cartagena.

Family MEGAPODIIDÆ.

Genus Talegalla.

1267. *Talegalla lathami,* Gray. Brush-Turkey.

Hab. Australia.

a. Female. Bred in the Gardens, July 19, 1854.
b. Female. Bred in the Gardens, Aug. 29, 1860. See notice by Bartlett, P. Z. S. 1860, p. 426.
c. Female. Received, April 24, 1863.
d. Presented by C. Moore, Esq., Sept. 22, 1863.
e. Male; *f*. Female. Deposited, April 19, 1866.
g. Male. Deposited, June 6, 1866.
h. Bred in the Gardens, Sept. 5, 1866.
i. Bred in the Gardens, Sept. 7, 1866.
j. Bred in the Gardens, Sept. 11, 1866.
k. Bred in the Gardens, Sept. 30, 1866.
l, *m*. Presented by F. J. Owen, Esq., April 10, 1867.
n. Bred in the Gardens, Sept. 3, 1867.
o. Received in exchange, Feb. 4, 1869.
p. Bred in the Gardens, Aug. 19, 1869.
q. Female. Deposited, Aug. 8, 1871.
r. Presented by Capt. F. M. Burke, Sept. 25, 1881.

Genus Megacephalon.

1268. *Megacephalon maleo,* Temm. Great-headed Maleo. (Fig. 54, p. 506.)

Hab. Celebes.

a. Presented by Capt. Parish, R.N., Nov. 6, 1871.
b. Purchased, July 5, 1876.
c. Purchased, May 24, 1877. See Garrod, P. Z. S. 1878, p. 629.

Genus Leipoa.

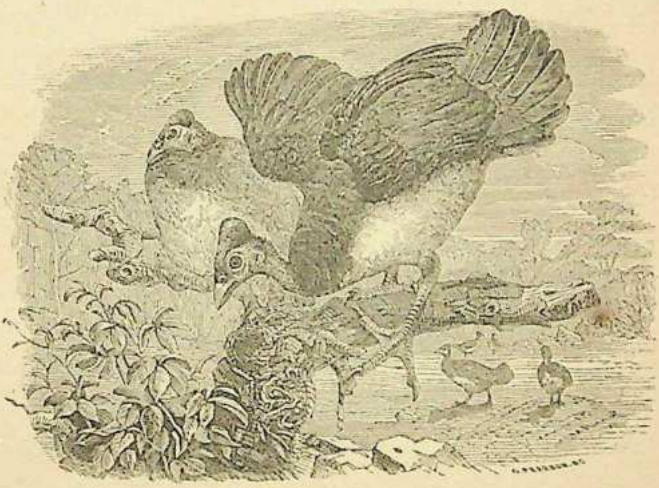
1269. *Leipoa ocellata,* Gould. Mallee Bird.

Hab. Australia.

a. Purchased, Sept. 7, 1865.
b. Purchased, April 4, 1866.
c, *d*. Deposited, July 20, 1866.

e. Presented by the Governor of the Botanic Gardens, Adelaide, South Australia, Dec. 24, 1867.
f. Presented by the Directors of the Botanic Gardens, Adelaide, South Australia, Feb. 16, 1869.

Fig. 54.



Megacephalon maleo.

Order XV. HEMIPODII.

Family TURNICIDÆ.

Genus Turnix.

1270. *Turnix sylvatica* (Desf.). Andalusian Hemipode.
Hab. North Africa.

a. Presented by Kirby Green, Esq., Aug. 3, 1870.

1271. *Turnix varia* (Lath.). Varied Hemipode.
Hab. Australia.

a. Male; *b*. Female. Purchased, April 9, 1867.
c, *d*. Bred in the Gardens, July 14, 1867.
e. Male; *f*. Female. Purchased, July 12, 1870.
g. Purchased, July 17, 1882.

1272. *Turnix pyrrhothorax*, Gould. Red-chested Hemipode.
Hab. Australia.

a, *b*. Purchased, May 21, 1868.

1273. *Turnix taigoor*, Sykes. Black-breasted Hemipode.
Hab. India.

a. Presented by A. Grote, Esq., C.M.Z.S., Aug. 6, 1867. See P. Z. S. 1867, p. 821 (*T. pugnax*).
b. Purchased, June 3, 1868. *T. bengalensis* of P. Z. S. 1868, p. 645.

1274. *Turnix lepurana*, Smith. Lepurana Hemipode.
Hab. West Africa.

a–c. Purchased, Feb. 19, 1873.
d. Purchased, Sept. 26, 1873.

1275. *Turnix sykesi*, Smith. Sykes's Hemipode.
Hab. India.

a, *b*. Presented by Mrs. Wood-Mason, April 3, 1877.

Order XVI. FULICARIÆ.

Family RALLIDÆ.

Genus Rallus.

1276. *Rallus aquaticus*, Linn. Water-Rail.
Hab. British Islands.

a. Purchased, Nov. 16, 1865.
b. Presented by the Rev. B. G. Davis Cooke, Dec. 9, 1867.
c. Purchased, Nov. 22, 1869.
d. Presented by C. Chignall, Esq., Nov. 14, 1870. Captured at sea.
e. Presented by Lady Mildred Beresford Hope, Feb. 6, 1872.
f. Purchased, Feb. 6, 1874.
g. Presented by Capt. F. H. Salvin, Oct. 19, 1878.
h. Presented by W. Thompson, Esq., Nov. 26, 1878.
i. Purchased, Nov. 11, 1879.
j. Presented by T. J. Mann, Esq., Feb. 22, 1880.

1277. *Rallus pectoralis,* Less. Australian Rail.
Hab. New Holland.

a, b. Received in exchange, April 18, 1863.
c. Purchased, April 19, 1866.
d. Presented by J. Harris, Esq., Oct. 7, 1874.
e. Purchased, June 27, 1880.

1278. *Rallus celebensis,* Q. et G. Celebean Rail.
Hab. Celebes.

a, b. Purchased, July 13, 1876.
c. Purchased, June 27, 1880.

1279. *Rallus maculatus* (Bodd.). White-spotted Rail.
Hab. South America.

a, b. Purchased, Nov. 6, 1879.
c. Purchased, March 31, 1880.

1280. *Rallus rhytirhynchus* (Vieill.). Sooty Rail.
Hab. South America.

a. Purchased, Nov. 6, 1879.

Genus Aramides.

1281. *Aramides cayennensis* (Gm.). West-Indian Rail.
Hab. South America.

a, b. Purchased, May 6, 1864. From Trinidad.
c, d. Presented by L. Joel, Esq., C.M.Z.S., July 23, 1868. From Venezuela.
e. Deposited, Aug. 4, 1868.
f–h. Purchased, Sept. 16, 1872.
i. Purchased, Jan. 4, 1873.
j. Purchased, Feb. 17, 1873.
k. Presented by Mrs. C. C. Lovesy, May 15, 1873.
l. Purchased, July 1, 1873.
m. Purchased, Oct. 19, 1874.
n. Purchased, July 17, 1875.
o. Purchased, July 31, 1875.
p, q. Purchased, Nov. 16, 1875.
r, s. Purchased, Dec. 16, 1875.
t, u. Presented by Capt. Crozier, Jan. 25, 1876.
v. Purchased, June 16, 1876.
w, x. Purchased, March 23, 1877.
y, z. Purchased, July 16, 1877.

a^1, b^1. Purchased, Sept. 17, 1877.
c^1, d^1. Purchased, Jan. 22, 1878.
e^1. Presented by Capt. J. Moir, June 10, 1878.

Genus Porzana.

1282. *Porzana maruetta* (Leach). Spotted Crake.
Hab. British Islands.

a. Presented by William Thompson, Esq., Oct. 27, 1866.
b, *c*. Purchased, July 29, 1869.

1283. *Porzana carolina* (Linn.). Carolina Crake.
Hab. America.

a. Presented by Capt. Carl Hannes, May 25, 1877. From Jamaica.

1284. *Porzana notata* (Gould). Spotted Crake.
Hab. South America.

a. Purchased, Jan. 19, 1876. Captured at sea, off Cape Santa Maria. See P. Z. S. 1876, p. 255.

Genus Rallina.

1285. *Rallina pœciloptera* (Hartl.). Bar-winged Rail.
Hab. Fiji Islands.

a. Purchased, Jan. 6, 1879. See P. Z. S. 1879, p. 108.

Genus Crex.

1286. *Crex pratensis*, Bechst. Corn-Crake.
Hab. British Islands.

a. Purchased, July 25, 1864.
b. Purchased, July 23, 1871.
c. Purchased, May 2, 1872.
d. Presented by A. Battiscombe, Esq., May 31, 1882.

Genus Ocydromus.

1287. *Ocydromus australis* (Sparrm.). Weka Rail.

Hab. New Zealand.

a. Male. Purchased, April 29, 1861.
b, *c*. Presented by the Acclimatization Society of Victoria, May 23, 1864.
d–*h*. Presented by the Acclimatization Society of Victoria, Jan. 4, 1865.
i, *j*. Presented by Dr. Mueller, C.M.Z.S., June 30, 1866.
k, *l*. Deposited, July 20, 1866.
m. Purchased, Oct. 24, 1872. From Otago.
n, *o*. Presented by the Acclimatization Society of Otago, Oct. 15, 1873.
p, *q*. Presented by Dr. J. Hector, C.M.Z.S., June 7, 1875.
r. Presented by Capt. Jessop, Oct. 7, 1876.
s. Presented by H. F. Rose, Esq., Sept. 1, 1880.

1288. *Ocydromus earli*, G. R. Gray. Earl's Weka Rail.

Hab. North Island, New Zealand.

a, *b*. Presented by the Auckland Acclimatization Society, Aug. 22, 1871.
c, *d*. Purchased, Nov. 13, 1871.
e. Purchased, July 4, 1874.
f. Presented by Capt. Braddick, Dec. 27, 1875.

1289. *Ocydromus fuscus* (Du Bus). Black Wood-Hen.

Hab. Snares Island, New Zealand.

a. Presented by Dr. James Hector, C.M.Z.S., June 7, 1875. See P. Z. S. 1875, p. 527.

1290. *Ocydromus lafresnayanus* (Verr. et Des Murs). New-Caledonian Rail.

Hab. New Caledonia.

a. Presented by Dr. Geo. Bennett, F.Z.S., June 10, 1869. See P. Z. S. 1869, p. 431.
b. Presented by Dr. Geo. Bennett, F.Z.S., May 28, 1873. See P. Z. S. 1873, p. 517.

1291. *Ocydromus sylvestris*, Sclater. Woodhen Rail.

Hab. Lord Howe's Island.

a, *b*. Presented by Dr. G. Bennett, F.Z.S., May 30, 1871. See P. Z. S. 1871, p. 546.

Genus Porphyrio.

1292. *Porphyrio melanotus*, Temm. Black-backed Porphyrio.
Hab. Australia.

a, *b*. Presented by Edward Wilson, Esq., May 31, 1860.
c. Purchased, April 26, 1862.
d–*h*. Presented by Dr. Mueller, C.M.Z.S., Nov. 25, 1862. From Melbourne.
i, *j*. Presented by Henry St. Hill, Esq., Aug. 20, 1864. From New Zealand.
k–*n*. Deposited, April 19, 1866.
o–*s*. Presented by Dr. Mueller, C.M.Z.S., June 15, 1866.
t, *u*. Presented by Dr. Mueller, C.M.Z.S., June 30, 1866.
v–*z*. Presented by the Acclimatization Society of Canterbury, New Zealand, Aug. 16, 1867.
a^1–d^1. Presented by the Governor of the Botanic Gardens, Adelaide, Dec. 24, 1867.
e^1–h^1. Bred in the Gardens, July 14, 1869.
i^1. Presented by Dr. Mueller, C.M.Z.S., Dec. 21, 1869.
j^1. Presented by A. Houlden, Esq., May 9, 1870.
k^1. Presented by the Acclimatization Society of Canterbury, New Zealand, Aug. 29, 1871.
l^1–q^1. Deposited, Sept. 13, 1871. From Australia.
r^1–u^1. Presented by Dr. F. von Mueller, C.M.Z.S., June 1, 1872.
v^1–x^1. Presented by A. C. Le Souef, Esq., Jan. 6, 1873.
y^1. Presented by Capt. J. Gibb, April 27, 1876. Captured at sea, 400 miles off New Zealand.

1293. *Porphyrio cæruleus* (Vandelli). Purple Gallinule.
Hab. South-western Europe and Algeria.

a, *b*. Purchased, May 8, 1868.
c. Presented by Lady Cust, July 29, 1873.

1294. *Porphyrio calvus* (Vieill.). Indian Porphyrio.
Hab. Eastern Asia and Oceania.

a, *b*. Purchased, April 25, 1868. From China.
c. Presented by the Rev. J. S. Whitmee, C.M.Z.S., May 28, 1873. From the Navigators' Islands. See P. Z. S. 1873, p. 518.
d. Presented by J. C. Moore, Esq., C.M.Z.S., May 28, 1875.

1295. *Porphyrio madagascariensis* (Gm.). Madagascar Porphyrio.

Hab. Africa.

a. Purchased, Nov. 10, 1866.
b–d. Purchased, April 15, 1871.
e. Purchased, Feb. 15, 1872.
f. Presented by Miss A. Furlonger, April 8, 1873.
g–i. Presented by A. Bells, Esq., June 19, 1879.
j–l. Presented by Messrs. Hugh Low & Co., Dec. 4, 1880.

1296. *Porphyrio poliocephalus* (Lath.). Grey-headed Porphyrio.

Hab. India.

a–d. Presented by the Babu Rajendra Mullick, C.M.Z.S., March 17, 1864.
e, f. Purchased, Jan. 1, 1866.
g. Presented by Mr. Budgett, June 11, 1875.
h. Presented by Capt. Burke, Oct. 6, 1877. From Mesopotamia.
i, j. Presented by Mrs. A. Cobb, Oct. 23, 1877. From Baghdad.

Genus Hydrornia.

1297. *Hydrornia alleni*, Thomps. Allen's Porphyrio.

Hab. West Africa.

a, b. Purchased, Sept. 22, 1863.
c–e. Purchased, May 28, 1867.
f. Purchased, Jan. 24, 1873.
g. Presented by W. B. Brown, Esq., July 31, 1879. Captured at sea off Sierra Leone, 5° N., 14° W.
h. Presented by Master J. Kennedy, Aug 3, 1882.

Genus Ionornis.

1298. *Ionornis martinicus* (Linn.). Martinique Gallinule.

Hab. South America.

a. Purchased, June 18, 1862.
b. Purchased, June 16, 1865.
c. Purchased, June 13, 1868.
d. Received in exchange, June 24, 1868.
e, f. Presented by the Hon. A. Gordon, C.M.Z.S., July 23, 1868. From Trinidad.
g. Deposited, Aug. 4, 1868.
h. Purchased, June 7, 1870.
i. Presented by Mr. A. Jamrach, June 23, 1875.
j, k. Purchased, Aug. 16, 1877.

l. Purchased, June 17, 1879.
m, *n*. Presented by Lieut. A. H. Oliver, R.N., March 14, 1882.
o. Presented by F. L. Davis, Esq., Dec. 8, 1882.

Genus Tribonyx.

1299. *Tribonyx ventralis*, Gould. Black-tailed Waterhen.
Hab. Australia.

a. Male; *b*. Female. Purchased, April 6, 1864.
c, *d*. Bred in the Gardens, April 6, 1869.
e–g. Bred in the Gardens, April 11, 1869.
h–j. Bred in the Gardens, June 21, 1869.
k, *l*. Bred in the Gardens, Sept. 4, 1869.
m. Bred in the Gardens, April 20, 1871.

1300. *Tribonyx mortieri* (Du Bus). Mortier's Waterhen.
(Fig. 55, p. 514.)
Hab. Western Australia.

a. Purchased, July 1, 1867. See P. Z. S. 1867, p. 816.
b. Purchased, Oct. 21, 1872. See P. Z. S. 1872, p. 861.

Genus Gallinula.

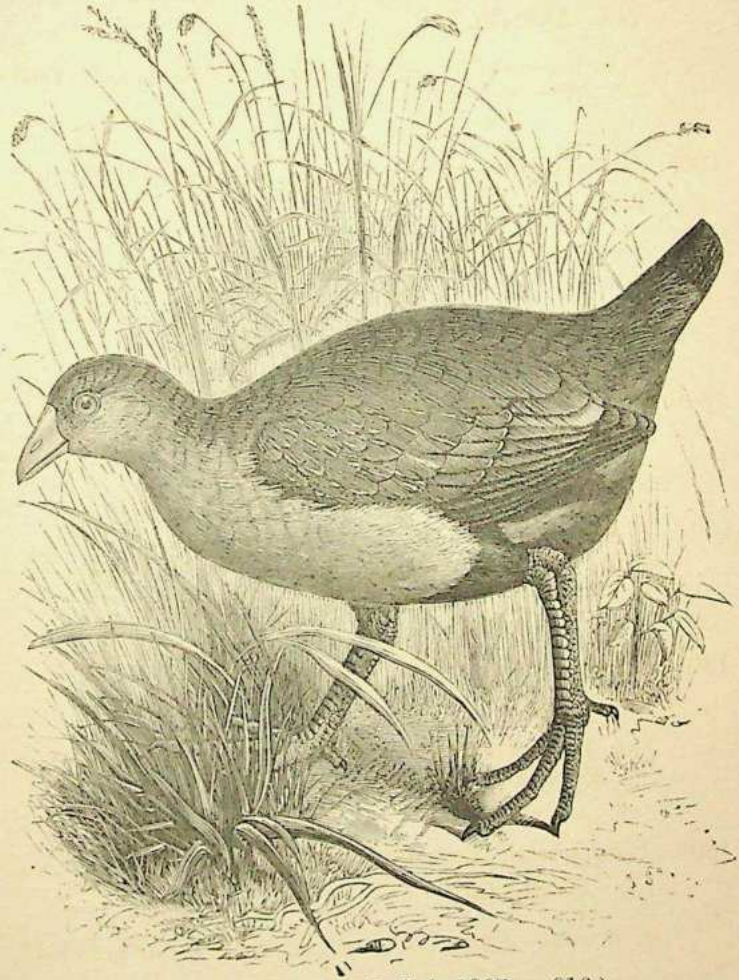
1301. *Gallinula chloropus* (Linn.). Moorhen.
Hab. Europe and Asia.

a–c. Presented by Edward Newton, Esq., C.M.Z.S., April 8, 1867. From the Island of St. Denis, Seychelles.
d. Presented by Mr. J. Wildey, July 25, 1877.
e. Presented by Theo. A. W. Hance, Esq., C.M.Z.S., Sept. 15, 1882.

1302. *Gallinula galeata* (Licht.). American Moorhen.
Hab. America.

a. Presented by Capt. Carl Hannes, May 25, 1877. From Jamaica.
b, *c*. Presented by G. H. Hawtayne, Esq., C.M.Z.S Aug 23, 1880.

Fig. 55.



Tribonyx mortieri. (P. Z. S. 1867, p. 816.)

1303. *Gallinula nesiotis*, Sclater. Island-Hen Gallinule.

Hab. Tristan d'Acunha.

a. Presented by Sir George Grey, K.C.B., F.Z.S., May 26, 1861. See P. Z. S. 1861, p. 209, and p. 260, pl. xxx., where the species is described and figured.

b–d. Presented by E. L. Layard, Esq., F.Z.S., Sept. 8, 1869. See P. Z. S. 1869, p. 469.

1304. *Gallinula tenebrosa,* Gould. Sombre Gallinule.
Hab. Australia.

a, b. Presented by Dr. Mueller, C.M.Z.S., Jan. 27, 1863. From Melbourne.

1305. *Gallinula phœnicura,* Penn. White-breasted Gallinule.
Hab. India.

a–c. Deposited, Aug. 29, 1870.

Genus Fulica.

1306. *Fulica atra,* Linn. Coot.
Hab. Europe.

a. Purchased, Jan. 3, 1859.
b. Male. Purchased, Nov. 15, 1860.
c. Presented by F. H. O'Donoghue, Esq., Dec. 27, 1878.
d. Purchased, Jan. 20, 1881.
e. Purchased, Feb. 15, 1882.

1307. *Fulica australis,* Gould. Australian Coot.
Hab. Australia.

a, b. Presented by Dr. Mueller, C.M.Z.S., Jan. 27, 1863. From Melbourne.

1308. *Fulica cristata,* Lath. Crested Coot.
Hab. South Africa.

a. Female. Presented by Earl Fitzwilliam, F.Z.S., Feb. 11, 1858.
b–d. Hybrids between this species and *Fulica atra*, Linn. Bred in the Gardens, June 8, 1863.

1309. *Fulica ardesiaca,* Tschudi. Slaty Coot.
Hab. Peru.

a. Male; *b.* Female. Purchased, Sept. 18, 1877. See P. Z. S. 1877, p. 683.

Order XVII. ALECTORIDES.

Family OTIDÆ.

Genus Otis.

1310. *Otis tarda*, Linn. Great Bustard.

Hab. Europe.

a, *b*. Males. Purchased, Oct. 10, 1863.
c. Female. Purchased, Nov. 7, 1863.
d. Purchased, May 21, 1874.
e–*g*. Deposited, Aug. 12, 1876.
h. Male; *i*, *j*. Females. Presented by the Lord Lilford, Aug. 2, 1878.
k. Male; *l*. Female. Presented by J. C. Forster, Esq., Sept. 2, 1879. From Andalusia.
m. Female. Presented by Geo. G. Sandeman, Esq., Oct. 16, 1879.
n. Female. Received in exchange, Nov. 23, 1882.

1311. *Otis tetrax*, Linn. Little Bustard.

Hab. Europe.

a. Received in exchange, Sept. 20, 1861.
b. Received in exchange, Oct. 24, 1862.
c, *d*. Purchased, 1863.
e, *f*. Deposited, Oct. 29, 1866.
g–*j*. Purchased, Jan. 10, 1873.
k, *l*. Received in exchange, Jan. 23, 1874.
m–*p*. Received in exchange, Sept. 30, 1874.
q, *r*. Purchased, April 1, 1882.

Genus Eupodotis*.

1312. *Eupodotis australis* (Gray). Australian Bustard.

Hab. Australia.

a. Purchased, April 4, 1866. See P. Z. S. 1866, p. 201.
b. Presented by the Acclimatization Society of Sydney, April 19, 1866. See P. Z. S. 1866, p. 203.

* On the display of this bird, see Murie, P. Z. S. 1868, pl. xxxvi. p. 471; also Garrod, P. Z. S. 1874, p. 471.

c. Female. Presented by Dr. G. Bennett, F.Z.S., May 11, 1867.
d. Male; *e*. Female. Deposited, July 19, 1876. Purchased, Feb. 1877.

1313. *Eupodotis kori*, Burch.* Burchell's Bustard.
Hab. South Africa.

a. Purchased, May 10, 1866.
b, *c*. Purchased, Sept. 24, 1874.

1314. *Eupodotis arabs* (Less.). Arabian Bustard.
Hab. Abyssinia.

a. Purchased, June 6, 1867. See P. Z. S. 1867, p. 687.
b. Received in exchange, April 26, 1869.

1315. *Eupodotis senegalensis* (Vieill.). Senegal Bustard.
Hab. West Africa.

a. Purchased, June 6, 1867. See P. Z. S. 1867, p. 687.

1316. *Eupodotis ruficollis*, Wagl. Red-necked Bustard.
Hab. Natal.

a. Purchased, Sept. 2, 1870. See P. Z. S. 1870, p. 670.

1317. *Eupodotis denhami* (Children). Denham's Bustard.
Hab. Western Africa.

a. Presented by C. D. O'Connor, Esq., March 19, 1872. See P. Z. S. 1872, p. 603.
b. Presented by H.E. Governor Ussher, March 19, 1872. See P. Z. S. 1872, p. 603.

Genus Houbara.

1318. *Houbara undulata* (Jacq.). Houbara Bustard.
Hab. North Africa.

a. Purchased, Sept. 18, 1867.
b, *c*. Purchased, Sept. 1, 1874.
d–*i*. Purchased, Sept. 16, 1875.
j. Purchased, Dec. 16, 1879.

* On the gular pouch of this bird, see Murie, P. Z. S. 1868, p. 471, fig. 1.

1319. *Houbara macqueeni*, J. E. Gray. Macqueen's Bustard.
Hab. Western Asia.

a, *b*. Deposited, June 2, 1869.
c. Male; *d*. Female. Purchased, June 18, 1872.

Genus SYPHEOTIDES.

1320. *Sypheotides bengalensis* (Gm.). Bengal Floriken.
Hab. Bengal.

a. Male. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857.

Family PSOPHIIDÆ.

Genus PSOPHIA.

1321. *Psophia crepitans*, Linn. Common Trumpeter.
Hab. Demerara.

a. Purchased, Jan. 14, 1864.
b–d. Presented by J. Lucie Smith, Esq., July 5, 1866.
e. Purchased, July 13, 1866. From Surinam.
f. Deposited, July 25, 1867.
g. Deposited, May 12, 1868.
h. Presented by L. Joel, Esq., C.M.Z.S., July 23, 1868.
i, *j*. Presented by Capt. Francis A. Ball, June 2, 1870.
k. Purchased, June 15, 1877.
l. Purchased, Jan. 30, 1878.
m. Presented by Chas. Fricke, Esq., July 23, 1879.
n. Presented by J. Stovell, Esq., Oct. 27, 1880.

1322. *Psophia viridis*, Spix. Green-winged Trumpeter.
Hab. Amazons.

a, *b*. Purchased, March 8, 1864. See P. Z. S. 1864, p. 138.
c. Purchased, May 10, 1866.
d. Purchased, July 13, 1876.
e. Purchased, June 15, 1877.
f. Purchased, June 9, 1879.
g. Presented by R. M. Hyde, Esq., April 23, 1880.
h. Purchased, Oct. 13, 1880.

1323. *Psophia leucoptera*, Spix. White-backed Trumpeter.
Hab. Upper Amazons.

a. Deposited, Oct. 6, 1874. See P. Z. S. 1876, p. 463.
b, *c*. Purchased, March 17, 1880.

Family CARIAMIDÆ.

Genus Cariama.

1324. *Cariama cristata* (Linn.). Brazilian Cariama.

Hab. South-east Brazil.

a. Presented by William Downing, Esq., Aug. 10, 1863.
b. Purchased, Oct. 10, 1866.
c. Presented by Capt. W. C. Chapman, R.N., June 14, 1876.
d, *e*. Purchased, Feb. 15, 1877.
f, *g*. Purchased, Oct. 15, 1877.
h. Purchased, April 25, 1878.
i. Purchased, June 14, 1879. Rio de Janeiro.
j. Purchased, March 17, 1880.
k. Presented by C. S. Barnes, Esq., Sept. 4, 1880.
l. Presented by Capt. Jones, Aug. 23, 1882.

Genus Chunga.

1325. *Chunga burmeisteri* (Hartl.). Burmeister's Cariama.

Hab. Argentine Republic.

a–c. Purchased, July 6, 1870. See P. Z. S. 1870, p. 666, pl. xxxvi.
d. Purchased, July 16, 1877.

Family GRUIDÆ.

Genus Grus.

1326. *Grus communis*, Bechst. Crane.

Hab. Europe.

a. Female. Purchased, May 13, 1848.
b. Male. Received in exchange, May 27, 1852.
c. Bred in the Gardens, June 23, 1863.
d. Male; *e*. Female. Deposited, May 20, 1867.
f. Chinese variety. Presented by Theodore Hance, Esq., of Ching Kiang, July 25, 1877. From Shantung. See P. Z. S. 1877, p. 681.
g–i. Presented by Theodore Hance, Esq., Aug. 1, 1878. From Ching Kiang.
j, *k*. Presented by W. Norman Shairp, Esq. From Lulea, Sweden.

1327. *Grus canadensis* (Linn.). Brown Crane.

Hab. North America.

a, *b*. Purchased, Aug. 3, 1866. See P. Z. S. 1868, p. 567.
c. Purchased, Feb. 3, 1869.
d. Purchased, Feb. 19, 1869.
e. Purchased, May 7, 1870.
f. Purchased, June 2, 1880.

1328. *Grus antigone* (Linn.). Sarus Crane.

Hab. North India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 374.
b. Purchased, March 3, 1868.
c, *d*. Presented by H.R.H. the Duke of Edinburgh, June 19, 1872.
e, *f*. Received in exchange, Feb. 22, 1875.
g. Purchased, March 16, 1877. Var. *torquatus*.

1329. *Grus australasiana*, Gould. Australian Crane.

Hab. Australia.

a. Male. Presented by the Marchioness of Londonderry, Feb. 14, 1857.
b. Female. Received in exchange, April 18, 1863.
c, *d*. Presented by the Acclimatization Society of Victoria, June 27, 1864.
e–*g*. Deposited, July 20, 1866.
h, *i*. Presented by Commander Sir W. S. Wiseman, R.N., Feb. 11, 1867.
j. Presented by H.R.H. The Prince of Wales, Nov. 23, 1868.
k. Presented by Capt. A. Donald, Feb. 19, 1873.
l, *m*. Presented by the Acclimatization Society of Wellington, New Zealand, June 7, 1875.
n. Presented by H. Roberts, Esq., Dec. 9, 1876.
o. Deposited, June 19, 1880.

1330. *Grus viridirostris*, Vieill. Mantchurian Crane.

Hab. North China.

a. Male; *b*. Female. Presented by H.M. The Queen, Oct. 20, 1856.
c. Chick. Hatched, June 24, 1861. See Bartlett, P. Z. S. 1861, p. 369, pl. xxxv.
d. Female. Deposited, Aug. 18, 1873.

1331. *Grus monachus* (Temm.). Hooded Crane.

Hab. Japan.

a. Deposited, Nov. 21, 1876 (see P. Z. S. 1876, p. 776), and purchased, March 8, 1877.

1332. *Grus americana* (Linn.). White American Crane.

Hab. North America.

a, *b*. Purchased, Nov. 12, 1868. From Mexico. See P. Z. S. 1868, p. 567.
c. Received in exchange, May 26, 1873.
d, *e*. Purchased, July 13, 1876.

1333. *Grus leucogeranos*, Pall. White Crane.

Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 14, 1868. See P. Z. S. 1868, p. 526.
b, *c*. Purchased, June 20, 1874. See P. Z. S. 1874, p. 494.
d, *e*. Purchased, June 9, 1876.

1334. *Grus leucauchen*, Temm. White-necked Crane.

Hab. Japan.

a, *b*. Purchased, April 17, 1873. See P. Z. S. 1873, p. 434.

1335. *Grus carunculata* (Gm.). Wattled Crane.

Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 28, 1861. See P. Z. S. 1861, p. 208.
b, *c*. Received in exchange, Oct. 15, 1866.
d, *e*. Purchased, May 30, 1873.
f. Presented by R. Newton, Esq., Oct. 4, 1873.
g, *h*. Deposited, Sept. 18, 1881.

1336. *Grus virgo*, Linn. Demoiselle Crane.

Hab. North Africa.

a, *b*. Purchased, Jan. 1, 1863.
c. Purchased, June 6, 1867.
d–*g*. Presented by the Babu Rajendra Mullick, C.M.Z.S., Aug. 6, 1867. From India. See P. Z. S. 1867, p. 820.
h. Presented by Mrs. J. Williams, Nov. 19, 1868.
i, *j*. Purchased, July 20, 1882.

Genus Tetrapteryx.

1337. *Tetrapteryx paradisea*, Licht. Stanley Crane.

Hab. South Africa.

a. Presented by Sir George Grey, K.C.B., F.Z.S., May 26, 1861. See P. Z. S. 1861, p. 209.
b. Presented by Sir George Grey, K.C.B., F.Z.S., Nov. 1, 1861.
c, *d*. Purchased, Nov. 27, 1868.
e. Purchased, May 20, 1869.
f. Deposited, April 22, 1870.
g–*k*. Deposited, Aug. 24, 1871.
l. Purchased, June 1, 1874.
m. Deposited, April 15, 1878.
n. Received in exchange, July 22, 1879.
o. Deposited, Sept. 18, 1879.
p. Presented by Capt. E. Jones, Feb. 6, 1880.
q. Presented by J. Sexton, Esq., June 24, 1881.

Genus Balearica.

1338. *Balearica pavonina* (Linn.). Balearic Crane.

Hab. West Africa.

a. Presented by Viscount Hill, F.Z.S., Feb. 29, 1860.
b. Purchased, Oct. 30, 1866.
c. Deposited, July 3, 1867.
d. Presented by Master G. B. Campbell, April 30, 1870.
e, *f*. Purchased, July 8, 1879.
g. Presented by Frank Simpson, Esq., May 27, 1880.

1339. *Balearica chrysopelargus* (Licht.)*. Cape Crowned Crane.

Hab. South Africa.

a. Deposited, Feb. 19, 1851.
b, *c*. Purchased, Oct. 29, 1867.
d. Presented by R. R. Juler, Esq., Nov. 17, 1869.
e. Presented by H. S. Mackenzie, Esq., Oct. 27, 1870.
f, *g*. Presented by Capt. G. Clayton Swiney, April 5, 1872.
h, *i*. Deposited, Sept. 18, 1879.
j, *k*. Deposited, Sept. 18, 1881. } Same birds.
l, *m*. Deposited, Dec. 5, 1881. }
n, *o*. Purchased, May 27, 1882.

* *Cf.* Tegetmeier, P. Z. S. 1880, p. 93.

Family EURYPYGIDÆ.

Genus Eurypyga.

1340. *Eurypyga helias* (Pall.). Sun-Bittern.

Hab. South America.

a–z. See former editions.
a[1]. Hatched in the Gardens, May 7, 1874.
b[1]. Deposited, Oct. 16, 1874.
c[1]. Purchased, Aug. 18, 1876.
d[1]. Purchased, Sept. 29, 1876.
e[1]. Deposited, Nov. 1, 1876.
f[1]. Purchased, June 15, 1877.
g[1]. Bred in the Gardens, July 2, 1877.
h[1]. Deposited, Oct. 25, 1877.
i[1]. Purchased, Jan. 30, 1878.
j[1]. Purchased, June 14, 1879.
k[1]. Deposited, Oct. 14, 1879.
l[1]. Deposited, Oct. 14, 1880.
m[1], *n*[1]. Purchased, Oct. 25, 1882.

Genus Rhinochetus.

1341. *Rhinochetus jubatus,* Verr. et Des Murs. Kagu.

Hab. New Caledonia.

a. Male. Presented by Dr. G. Bennett, F.Z.S., April 25, 1862. See P. Z. S. 1862, p. 141, and Bartlett, P. Z. S. 1862, p. 218, pl. xxx.
b. Female. Presented by Dr. G. Bennett, F.Z.S., April 18, 1863.
c. Presented by the Acclimatization Society of Sydney, April 19, 1866.
d. Purchased, Feb. 5, 1867. See P. Z. S. 1867, p. 179, and Murie, Trans. Zool. Soc. vii. p. 465.

Family ARAMIDÆ.

Genus Aramus*.

1342. *Aramus scolopaceus* (Gm.). Scolopaceous Courlan.

Hab. South America.

a. Purchased, Oct. 6, 1875. See P. Z. S. 1875, p. 565.

---

* On the anatomy of this bird, see Garrod, P. Z. S. 1876, p. 275.

Order XVIII. LIMICOLÆ.

Family ŒDICNEMIDÆ.

Genus ŒDICNEMUS.

1343. *Œdicnemus scolopax* (S. G. Gm.). Stone-Curlew.

Hab. British Islands.

a. Presented by Lord Lilford, F.Z.S., June 10, 1862.
b. Presented by R. M. Presland, Esq., Aug. 2, 1865.
c. Presented by J. A. Clark, Esq., July 18, 1873.
d. Presented by G. S. Patey, Esq., Sept. 30, 1873.
e, *f*. Deposited, Oct. 28, 1874.
g, *h*. Presented by J. E. Harting, Esq., April 22, 1876.
i. Presented by Mr. F. Möll, Dec. 27, 1877.
j. Presented by C. W. Harding, Esq., Aug. 17, 1882.

1344. *Œdicnemus grallarius* (Lath.). Australian Thicknee.

Hab. Australia.

a, *b*. Presented by the Royal Dublin Zoological Society, April 10, 1864.
c. Deposited, July 20, 1866.
d. Deposited, Feb. 25, 1867.
e. Deposited, March 25, 1867.
f. Presented by the Commissioners of South Australia to the French Exhibition, May 11, 1867.
g. Purchased, May 4, 1870.
h. Presented by Joshua Duke, Esq., Oct. 8, 1870.
i. Presented by Sydney Gilling, Esq., Nov. 24, 1871.
j. Purchased, May 26, 1873.

1345. *Œdicnemus bistriatus*, Wagl. Double-striped Thicknee.

Hab. Central America.

a, *b*. Presented by G. D. Rowley, Esq., F.Z.S., June 3, 1869. See P. Z. S. 1869, p. 430.
c, *d*. Presented by Capt. King, Feb. 3, 1877.
e. Purchased, Jan. 30, 1878.

1346. *Œdicnemus superciliaris*, Tsch. Peruvian Thicknee.

Hab. Peru.

a, *b*. Presented by the Baron de Rivière, Aug. 14, 1871. See P. Z. S. 1871, p. 625.
c. Presented by Mr. Davidson, of Jamaica, June 28, 1872.
d, *e*. Purchased, Aug. 23, 1882.

Family CHARADRIIDÆ.

Genus Charadrius.

1347. *Charadrius pluvialis,* Linn. Golden Plover.
Hab. Europe.

a. Presented by F. Cresswell, Esq., Nov. 30, 1864.
b. Deposited, March 15, 1865.
c. Presented by F. Cresswell, Esq., Dec. 5, 1866.
d–h. Purchased, April 15, 1869.
i. Purchased, Oct. 2, 1871.
j. Presented by Major Thompson, Sept. 21, 1872.
k–r. Purchased, March 11, 1880.
s. Purchased, Dec. 3, 1880.
t, u. Purchased, Nov. 24, 1881.
v. Purchased, Dec. 28, 1882.

Genus Squatarola.

1348. *Squatarola helvetica* (Linn.). Grey Plover.
Hab. British Islands.

a. Deposited, April 15, 1865.
b. Deposited, April 30, 1866. From Norfolk.
c, d. Presented by F. Cresswell, Esq., Nov. 5, 1877.
e–h. Presented by F. Cresswell, Esq., Jan. 23, 1879.
i. Presented by F. Cresswell, Esq., Jan. 12, 1880.
j. Purchased, Feb. 16, 1880.
k. Purchased, Oct. 26, 1880.
l, m. Purchased, Oct. 25, 1881.
n. Purchased, Dec. 1, 1881.

Genus Ægialitis.

1349. *Ægialitis hiaticula* (Linn.). Ringed Plover.
Hab. British Islands.

a. Purchased, July 14, 1873.
b. Presented by F. Cresswell, Esq., Nov. 5, 1877.
c. Presented by E. A. T. Elliot, Esq., Sept. 19, 1879.
d. Presented by Edmund A. S. Elliot, Esq., M.R.C.S., Oct. 8, 1881.

Genus Eudromias.

1350. *Eudromias morinellus* (Linn.). Dotterel.
Hab. British Islands.

a. Presented by Dr. C. R. Bree, F.Z.S., Sept. 7, 1875.

Genus Vanellus.

1351. *Vanellus vulgaris,* Bechst. Lapwing.

Hab. British Islands.

a. Presented by — Bergmann, Esq., Aug. 26, 1863.
b. Presented by A. Yates, Esq., Aug. 2, 1864.
c. Presented by F. Cresswell, Esq., Dec. 5, 1866.
d–o. Purchased, Nov. 15, 1867.
p. Presented by Mrs. H. Roach, Dec. 10, 1868.
q. Presented by J. A. Clark, Esq., July 18, 1873.
r. Presented by Mr. W. K. Stanley, April 8, 1874.
s. Purchased, Oct. 13, 1874.
t. Presented by Mr. Brewer, Oct. 5, 1875.
u–y. Purchased, Feb. 29, 1880.
z. Purchased, Dec. 3, 1880.
a^1. Presented by H. H. Johnston, Esq., April 13, 1881.
b^1, c^1. Purchased, Nov. 24, 1881.
d^1. Presented by J. L. Baldwin, Esq., F.Z.S., June 15, 1882.
e^1. Purchased, Oct. 27, 1882.
f^1. Purchased, Dec. 27, 1882.

1352. *Vanellus cayennensis* (Gm.)*. Cayenne Lapwing.

Hab. South America.

a, *b*. Presented by George Wilks, Esq., C.M.Z.S., May 4, 1867. From La Plata.
c–e. Purchased, July 6, 1870. From Chili. See P. Z. S. 1870, p. 665.
f. Purchased, March 6, 1876.
g–i. Purchased, July 16, 1877.
j. Purchased, Nov. 6, 1877.
k. Purchased, Jan. 30, 1878.
l, *m*. Purchased, Aug. 27, 1879.
n. Purchased, Oct. 6, 1880.

Genus Sarciophorus.

1353. *Sarciophorus pectoralis* (Cuv.). Black-breasted Peewit.

Hab. Australia.

a, *b*. Deposited, May 23, 1864.
c. Purchased, May 21, 1868.
d–g. Purchased, June 16, 1870.
h, *i*. Deposited, Aug. 22, 1873.
j. Purchased, July 17, 1882.

* On the lower larynx of this bird, see Garrod, P. Z. S. 1878, p. 625.

1354. *Sarciophorus bilobus* (Gm.). Yellow-wattled Peewit.
Hab. India.

a. Purchased, April 31, 1868.

Genus Lobivanellus.

1355. *Lobivanellus lobatus* (Lath.). Wattled Peewit.
Hab. Australia.

a, *b*. Purchased, April 19, 1866. See P. Z. S. 1866, p. 203.

Genus Strepsilas.

1356. *Strepsilas interpres* (Linn.). Turnstone.
Hab. Europe.

a. Purchased, Sept. 7, 1865.
b. Presented by F. Cresswell, Esq., Dec. 5, 1866.
c. Presented by W. Tait., Esq., May 30, 1870.
d. Presented by Dr. Palin, C.M.Z.S., March 27, 1871.
e. Presented by E. A. T. Elliot, Esq., Sept. 19, 1879.
f. Presented by Capt. A. M'Ritchie, Aug. 24, 1880. Captured at sea off the Azores.

Genus Hæmatopus.

1357. *Hæmatopus ostralegus*, Linn. Oyster-catcher.
Hab. Europe, Asia, Africa.

a–d. Purchased, March 27, 1862.
e, *f*. Received in exchange, March 10, 1865.
g. Deposited, April 30, 1866. From Norfolk.
h. Presented by J. B. Williams, Esq., June 22, 1867.
i, *j*. Purchased, June 7, 1878.
k–m. Purchased, Jan. 6, 1880.
n. Purchased, Dec. 3, 1880.
o–q. Purchased, Feb. 3, 1881.
r, *s*. Purchased, Dec. 20, 1881.
t. Presented by W. R. Temple, Esq., Oct. 21, 1882.

1358. *Hæmatopus niger*, Cuv. Black Oyster-catcher.
Hab. South Africa.

a, *b*. Presented by E. L. Layard, Esq., F.Z.S., Dec. 23, 1867.

Family CHIONIDIDÆ.

Genus Chionis.

1359. *Chionis alba,* Forst. Yellow-billed Sheathbill.

Hab. Antarctic America.

a. Purchased, July 4, 1865.
b, c. Presented by H. Roberts, Esq., July 24, 1874.
d. Purchased, June 19, 1878.
e, f. Purchased, Feb. 10, 1879.
g, h. Presented by Capt. J. Ritchie, Feb. 8, 1881.
i. Purchased, July 26, 1882.

1360. *Chionis minor,* Hartl. Black-billed Sheathbill.

Hab. Islands of Indian Ocean.

a, b. Presented by E. L. Layard, Esq., F Z.S., Oct. 26, 1868. See P. Z. S. 1868, p. 530.
c. Purchased, July 12, 1875. From Kerguelen Land.
d. Deposited, Feb. 24, 1878.

Family SCOLOPACIDÆ.

Genus Recurvirostra.

1361. *Recurvirostra avocetta,* Linn. Avocet.

Hab. Europe.

a–d. Purchased, Aug. 21, 1874.

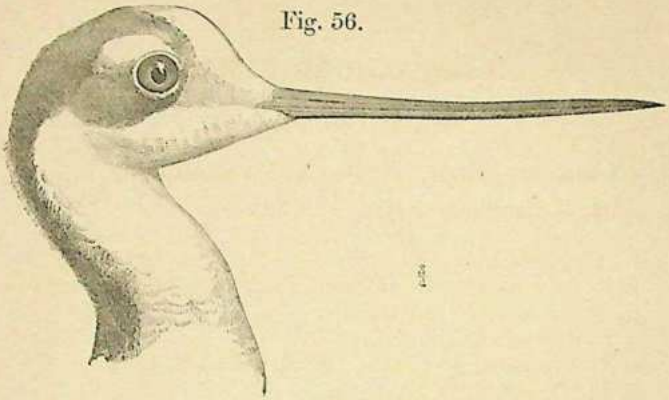
Genus Himantopus.

1362. *Himantopus nigricollis,* Vieill. Black-necked Stilt. (Fig. 56.)

Hab. South America.

a. Purchased, Dec. 28, 1872. From Maranham. See P. Z. S. 1873, p. 2.
b. Purchased, Sept. 29, 1876.
c. Purchased, June 15, 1877.
d. Purchased, March 16, 1879.
e–g. Purchased, Aug. 27, 1879.

Fig. 56.



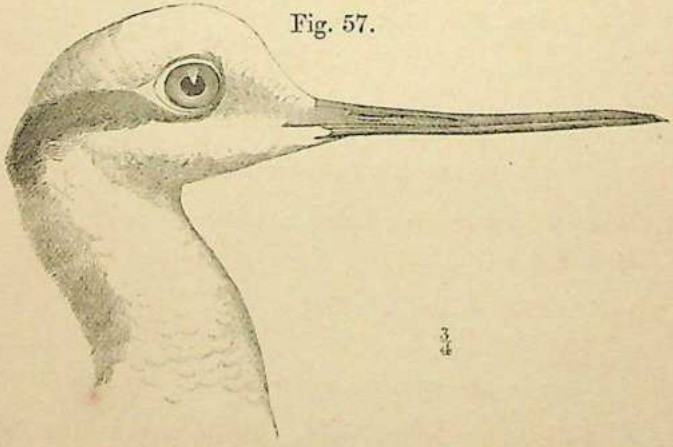
Head of *Himantopus nigricollis*. (P. Z. S. 1873, p. 453.)

1363. *Himantopus brasiliensis*, Brehm. Brazilian Stilt Plover. (Fig. 57.)

Hab. Brazil.

a. Purchased, July 16, 1877.

Fig. 57.



Head of *Himantopus brasiliensis*. (P. Z. S. 1873, p. 454.)

Genus Scolopax.

1364. *Scolopax rusticula*, Linn. Woodcock.

Hab. Europe.

a. Purchased, Nov. 11, 1878.
b. Presented by Messrs. E. & W. H. Davis, Dec. 13, 1878.
c. Presented by Mr. J. Pollard, Nov. 13, 1879.

Genus Gallinago.

1365. *Gallinago cælestis* (Frenz.). Common Snipe.

Hab. Europe.

a. Presented by Mr. W. K. Stanley, Feb. 27, 1878.

Genus Tringa.

1366. *Tringa alpina*, Linn. Dunlin.

Hab. Europe.

a–o. Presented by F. Cresswell, Esq., Nov. 30, 1864.
p–s. Presented by F. Cresswell, Esq., Dec. 5, 1866.
t–a^1. Presented by the Hon. Mrs. Cresswell, Dec. 11, 1868.
b^1. Presented by J. E. Harting, Esq., F.Z.S., May 12, 1871. British.
c^1. Presented by H. M. Upcher, Esq., F.Z.S., Aug. 2, 1872.
d^1, *e*^{1}. Presented by F. Cresswell, Esq., Oct. 25, 1873.
f^1–*j*^{1}. Presented by F. Cresswell, Esq., Nov. 26, 1875.
k^1. Presented by F. Cresswell, Esq., Dec. 18, 1876.
l^1. Presented by F. Cresswell, Esq., Nov. 5, 1877.
m^1. Presented by F. Cresswell, Esq., Jan. 23, 1879.
n^1, *o*^{1}. Presented by E. A. T. Elliot, Esq., Sept. 19, 1879.
p^1–*b*^{2}. Presented by F. Cresswell, Esq., Jan. 12, 1880.
c^2. Presented by E. Elliot, Esq., M.R.C.S., Oct. 20, 1880.
d^2–*l*^{2}. Purchased, Dec. 3, 1880.
m^2, *n*^{2}. Presented by E. A. S. Elliot, Esq., M.R.C.S., Oct. 8, 1881.
o^2, *p*^{2}. Purchased, Dec. 1, 1881.

1367. *Tringa canutus*, Linn. Knot.

Hab. Europe.

a–c. Presented by F. Cresswell, Esq., Nov. 30, 1864.
d–l. Presented by F. Cresswell, Esq., Dec. 5, 1866.
m–o. Presented by the Hon. Mrs. Cresswell, Dec. 11, 1868.
p–s. Presented by F. Cresswell, Esq., Oct. 25, 1873.
t–x. Presented by F. Cresswell, Esq., Nov. 26, 1875.
y. Presented by C. Clifton, Esq., March 16, 1876.
z–b^1. Presented by F. Cresswell, Esq., Jan. 23, 1879.
c^1–*h*^{1}. Presented by F. Cresswell, Esq., Jan. 12, 1880.
i^1, *j*^{1}. Purchased, Jan. 19, 1880.
k^1. Purchased, Oct. 26, 1880.
l^1–*o*^{1}. Purchased, Nov. 11, 1880.
p^1–*u*^{1}. Purchased, Dec. 3, 1880.
v^1, *w*^{1}. Purchased, Nov. 24, 1881.
x^1–*c*^{2}. Purchased, Oct. 27, 1882.

Genus Machetes.

1368. *Machetes pugnax* (Linn.). Ruff.
Hab. Europe.

a–e. Purchased, May 6, 1862.
f. Male. Presented by Mr. J. G. Harrison, April 5, 1872.
g–l. Purchased, Sept. 14, 1880.
m. Purchased, Oct. 25, 1881.
n. Purchased, March 16, 1882.
o. Purchased, Oct. 20, 1882.

Genus Calidris.

1369. *Calidris arenaria* (Linn.). Sanderling.
Hab. Europe.

a. Presented by Edmund Elliot, Esq., M.R.C.S., Oct. 20, 1880.

Genus Tringoides.

1370. *Tringoides hypoleucus* (Linn.). Common Sandpiper.
Hab. British Islands.

a. Presented by R. Mitford, Esq., June 7, 1865.
b. Purchased, Aug. 6, 1872.

Genus Totanus.

1371. *Totanus calidris* (Linn.). Redshank.
Hab. British Islands.

a. Presented by the Hon. Mrs. Cresswell, Dec. 11, 1868.
b. Purchased, Dec. 28, 1871.
c. Purchased, March 20, 1880.
d, e. Purchased, Dec. 3, 1880.
f. Purchased, Dec. 1, 1881.
g, h. Purchased, March 17, 1882.
i. Purchased, Oct. 20, 1882.

Genus Limosa.

1372. *Limosa lapponica* (Linn.). Bar-tailed Godwit.
Hab. Europe.

a. Deposited, Aug. 11, 1860.
b. Deposited, March 15, 1865.
c. Presented by H. M. Upcher, Esq., F.Z.S., Aug. 26, 1870.
d. Purchased, Dec. 1, 1879.
e. Presented by F. Cresswell, Esq., Jan. 12, 1880.

f. Purchased, Feb. 16, 1880.
g. Purchased, Dec. 3, 1880.
h. Purchased, Oct. 25, 1881.
i. Purchased, Nov. 18, 1881.
j. Purchased, Feb. 21, 1882.

1373. *Limosa ægocephala* (Linn.). Black-tailed Godwit.
Hab. Europe.

a. Purchased, Aug. 10, 1860.
b. Presented by H. S. Marks, Esq., Feb. 23, 1874.
c, *d*. Purchased, May 19, 1879.
e, *f*. Purchased, June 24, 1879.

Genus Numenius.

1374. *Numenius arquata* (Linn.). Curlew.
Hab. Europe, Asia, Africa.

a. Purchased, March 6, 1860.
b–e. Received in exchange, March 10, 1865.
f. Received in exchange, April 5, 1866.
g. Presented by J. Kennard, Esq., Aug. 7, 1871.
h. Male. Presented by Mr. J. G. Harrison, April 5, 1872.
i. Presented by C. Clifton, Esq., F.Z.S., Jan. 25, 1876.
j. Deposited, Nov. 20, 1879.
k. Purchased, Dec. 1, 1879.
l, *m*. Purchased, Nov. 11, 1880.
n. Purchased, Dec. 1, 1881.
o. Purchased, Feb. 21, 1882.
p, *q*. Purchased, Dec. 28, 1882.

1375. *Numenius phæopus* (Linn.). Whimbrel.
Hab. Europe.

a. Presented by William Tait, Esq., May 30, 1870
b. Presented by Dr. Stafford, Aug. 7, 1874.
c. Received in exchange, July 2, 1879.

1376. *Numenius minutus*, Gould. Little Whimbrel.
Hab. Australia.

a. Purchased, April 19, 1866. See P. Z. S. 1866, p. 203.

1377. *Numenius femoralis*, Peale. Pacific Curlew.
Hab. Pacific Islands.

a, *b*. Presented by the Rev. J. S. Whitmee, C.M.Z.S., May 27, 1874. From Quiros Island, S. Pacific. See P. Z. S. 1874, p. 323.

Order XIX. GAVIÆ.

Family LARIDÆ.

Genus Stercorarius.

1378. *Stercorarius catarrhactes* (Linn.). Common Skua.
Hab. British Islands.

a. Presented by F. Cresswell, Esq., Sept. 25, 1868.

1379. *Stercorarius antarcticus* (Less.). Antarctic Skua.
Hab. Antarctic Seas.

a, *b*. Presented by E. L. Layard, Esq., F.Z.S., Aug. 14, 1868. From the Cape.
c, *d*. Presented by the Rev. A. E. Eaton, May 10, 1874. From Kerguelen Land.
e. Presented by Capt. Fairfax, July 1, 1875. From Kerguelen Land.
f. Presented by Capt. W. Vincent Legge, R.A., May 7, 1877.
g. Purchased, May 26, 1881.

1380. *Stercorarius pomatorhinus* (Temm.). Pomatorhine Skua.
Hab. Europe.

a. Purchased, Nov. 20, 1874.
b. Presented by F. L. Smith, Esq., Nov. 13, 1879.
c, *d*. Purchased, Dec. 5, 1879.
e. Presented by G. H. Baxter, Esq., Dec. 7, 1881.

1381. *Stercorarius crepidatus* (Gm.). Richardson's Skua.
Hab. Europe.

a–*d*. Presented by Robert T. C. Scott, Esq., Aug. 9, 1880. From the Shetland Islands.
e–*g*. Deposited, Aug. 9, 1880. From the Shetland Islands.
h. Deposited, Oct. 25, 1881.

Genus Pagophila.

1382. *Pagophila eburnea* (Phipps). Ivory Gull.
Hab. Arctic Regions.

a. Presented by B. Leigh Smith, Esq., F.Z.S., Oct. 16, 1880. See P. Z. S. 1880, p. 538.

Genus Rissa.

1383. *Rissa tridactyla* (Linn.). Kittiwake.

Hab. British Islands.

a. Purchased, April 28, 1865.
b, *c*. Presented by F. Roxburgh, Esq., Dec. 31, 1868.
d. Presented by Sir H. Dalrymple, Bart., Aug. 5, 1876.
e. Presented by W. H. Cope, Esq., F.Z.S., Jan. 19, 1880.
f. Presented by H. R. Bower, Esq., Feb. 4, 1880.
g. Purchased, Feb. 23, 1880.
h, *i*. Presented by Sir Hugh Dalrymple, Bart., July 11, 1880.

Genus Larus.

1384. *Larus glaucus*, Fabr. Glaucous Gull.

Hab. Europe.

a. Purchased, Dec. 23, 1859.
b. Purchased, Oct. 3, 1860.
c, *d*. Bred in the Gardens, June 24, 1868.
e, *f*. Presented by R. E. Beaumont, Esq., Dec. 4, 1874. From Spitzbergen.
g, *h*. Presented by Capt. Loftus F. Jones, Sept. 10, 1875, From Greenland.

1385. *Larus leucopterus*, Faber. Iceland Gull.

Hab. Northern Europe.

a. Presented by B. L. Smith, Esq., Oct. 7, 1873.

1386. *Larus argentatus*, Gm. Herring-Gull.

Hab. Europe.

a–*z*[1]. See former editions.
a[2]. Presented by Mrs. H. D. Martin, March 2, 1880.
b[2]. Presented by Mr. A. Kendall, July 9, 1880.
c[2]. Presented by Mr. J. Palmer, Oct. 14, 1880.
d[2]. Presented by J. F. Nixon, Esq., Nov. 9, 1880.
e[2]. Presented by Mrs. Lawson, Nov. 10, 1880.
f[2]. Presented by Mr. C. Hunt, Feb. 3, 1881.
g[2], *h*[2]. Hybrids between this species and *Larus fuscus*. Bred in the Gardens, July 2, 1881.
i[2]. Presented by E. A. Brown, Esq., Aug. 9, 1881.
j[2], *k*[2]. Presented by Mrs. Greaves, Nov. 14, 1881.
l[2]. Presented by E. H. Ebsworth, Esq., Dec. 16, 1881.

m^2–o^2. Presented by R. Ward, Esq., F.Z.S., March 20, 1882.
p^2. Presented by the Chevalier Da Costa Ricci, March 20, 1882.
q^2. Purchased, May 27, 1882.
r^2, s^2. Bred in the Gardens, May 29, 1882.

1387. *Larus cachinnans*, Pallas. Yellow-legged Herring-Gull.

Hab. North Africa.

a. Purchased, Aug. 3, 1858. From Mogador. *Larus fuscescens*, olim. See P. Z. S. 1867, p. 315, and 'Ibis,' 1876, p. 61.
b, *c*. Young. Presented by F. Bond, Esq., F.Z.S., June 17, 1871.
d, *e*. Deposited, June 29, 1874. From Sardinia.
f, *g*. Presented by Lord Lilford, F.Z.S., June 29, 1874, as probably young of *L. audouini*. See P. Z. S. 1874, p. 494.
h. Bred in the Gardens, May 25, 1878.
i, *j*. Bred in the Gardens, May 17, 1879.
k, *l*. Bred in the Gardens, June 9, 1879.
m, *n*. Bred in the Gardens, May 16, 1880.

1388. *Larus fuscus*, Linn. Lesser Black-backed Gull.

Hab. British Islands.

a. Presented by Mrs. Cotton, 1861.
b. Presented by A. K. Dale, Esq., Oct. 21, 1867.
c, *d*. Presented by J. W. Vines, Esq., April 28, 1870.
e. Presented by F. H. T. Streatfield, Esq., F.Z.S., Jan. 2, 1872.
f, *g*. Hatched in the Gardens, June 24, 1872.
h, *i*. Presented by C. W. Wood, Esq., July 29, 1873.
j. Presented by C. W. Wood, Esq., Oct. 1, 1873.
k. Presented by Mr. W. K. Stanley, Jan. 29, 1874.
l. Presented by C. Clifton, Esq., Feb. 22, 1876.
m. Presented by J. Snell, Esq., June 22, 1877.
n, *o*. Presented by the Rev. S. R. Wilkinson, Jan. 31, 1878.
p, *q*. Presented by A. H. Cocks, Esq., F.Z.S., Sept. 22, 1878.
r. Presented by the Rev. F. H. Addams, F.Z.S., Oct. 23, 1879.
s. Presented by Mr. Beazley, July 13, 1880.
t, *u*. Presented by Mr. Beazley, Aug. 5, 1880.
v, *w*. Presented by Mrs. Brindley, Jan. 4, 1882.
x, *y*. Presented by F. G. Bury, Esq., Oct. 6, 1882.

1389. *Larus canus*, Linn. Common Gull.

Hab. British Isles.

a. Presented by Dr. Stewart, Aug. 16, 1872.
b. Presented by Mr. W. K. Stanley, Feb. 18, 1874.
c. Presented by M. F. W. Martin, Esq., May 28, 1874.
d. Presented by C. Clifton, Esq., F.Z.S., Jan. 25, 1876.
e, *f*. Presented by C. Clifton, Esq., F.Z.S., Feb. 22, 1876.
g. Presented by F. Lancelott, Esq., July 24, 1878.
h, *i*. Presented by F. Cresswell, Esq., Jan. 23, 1879.
j. Presented by H. W. Preston, Esq., Feb. 14, 1879.
k, *l*. Presented by Geo. Weaver, Esq., Jan. 8, 1880.
m, *n*. Presented by J. Castell, Esq., June 17, 1880.
o. Presented by G. Herring, Esq., Nov. 15, 1880.

1390. *Larus marinus*, Linn. Greater Black-backed Gull.

Hab. British Islands.

a. Female. Presented by W. L. Turner, Esq., Oct. 27, 1848.
b. Male. Presented by W. H. Leach, Esq., June 3, 1861.
c. Deposited, 1861.
d, *e*. Young. Presented by W. Bleat, Esq., March 9, 1868.
f, *g*. Presented by F. Roxburgh, Esq., Dec. 31, 1868.
h. Presented by C. A. Reed, Esq., Sept. 5, 1871.
i. Presented by the Commissioners of Woods and Forests, March 14, 1872.
j. Presented by A. J. Adie, Esq., Aug. 15, 1873.
k. Presented by C. Clifton, Esq., Dec. 6, 1877.
l. Presented by E. Thornhill, Esq., April 1, 1880.
m, *n*. Presented by Mr. A. Allen, Sept. 8, 1881.
o. Presented by E. H. Ebsworth, Esq., Dec. 16, 1881.

1391. *Larus dominicanus*, Licht. Dominican Gull.

Hab. Falkland Islands.

a. Obtained by the Society's Collector, Aug. 24, 1868.
b, *c*. Purchased, May 16, 1871. From Chili. See P. Z. S. 1871, p. 545.
d. Purchased, April 26, 1878.
e. Presented by Capt. R. Bower, June 19, 1880. From the Bluff, Middle Island, New Zealand.
f. Purchased, May 26, 1881.
g, *h*. Purchased, Nov. 9, 1881.

1392. *Larus atricilla,* Linn. Laughing Gull.

Hab. America.

a, *b*. Purchased, April 13, 1870. Entered, P. Z. S. 1870, App. p. 895, as *L. melanorhynchus*. See P. Z. S. 1871, p. 496.
c. Male; *d*. Female. Received in exchange, Aug. 6, 1872.
e. Purchased, Sept. 29, 1877.

1393. *Larus ridibundus,* Linn. Black-headed Gull.

Hab. Europe.

a. Presented by Alfred Newton, Esq., F.Z.S., July 21, 1851.
b. Presented by J. Salmon, Esq., July 25, 1856.
c. Presented by Dr. Bree, May 1861.
d. Deposited, April 30, 1866. From Norfolk.
e–l. Presented by Dr. A. Günther, F.Z.S., Aug. 15, 1868.
m. Presented by John Gould, Esq., April 13, 1869.
n. Presented by Mr. Keel, Sept. 4, 1874.
o, *p*. Presented by C. Clifton, Esq., F.Z.S., Jan. 25, 1876.
q–s. Presented by C. Clifton, Esq., F.Z.S., Feb. 22, 1876.
t. Presented by Mr. Brazenor, May 5, 1876.
u. Presented by J. Smart, Esq., Dec. 13, 1876.
v, *w*. Presented by Harry W. Preston, Esq., Feb. 14, 1879.
x. Purchased, Nov. 15, 1881.
y, *z*. Purchased, Dec. 3, 1881.
a^1. Presented by Mr. R. Lloyd, Oct. 17, 1881.
b^1, c^1. Purchased, Feb. 21, 1882.

1394. *Larus cirrhocephalus,* Vieill. Ashy-headed Gull.

Hab. South America.

a, *b*. Purchased, Oct. 19, 1876.
c. Purchased, Aug. 30, 1877.

1395. *Larus novæ-hollandiæ,* Steph. Jameson's Gull.

Hab. Australia.

a, *b*. Presented by G. C. Moore, Esq., C.M.Z.S., May 28, 1875. See P. Z. S. 1875, p. 469.
c–n. Presented by Mr. A. H. Jamrach, July 19, 1876.
o. Presented by C. Clifton, Esq., F.Z.S., Aug. 31, 1877.
p, *q*. Bred in the Gardens, June 19, 1879.
r, *s*. Bred in the Gardens, April 20, 1880.
t. Bred in the Gardens, June 6, 1881.

Genus Sterna.

1396. *Sterna hirundo,* Linn. Common Tern.
Hab. British Islands.

a. Purchased, Sept. 13, 1866.
b, c. Presented by A. A. van Bemmelen, Esq., Nov. 15, 1868.

1397. *Sterna macrura,* Naum. Arctic Tern.
Hab. British Islands.

a. Presented by R. Lawson, Esq., Oct. 16, 1868.

1398. *Sterna cantiaca,* Gm. Sandwich Tern.
Hab. Europe.

a–d. Purchased, Aug. 21, 1874.

1399. *Sterna anglica,* Mont. Gull-billed Tern.
Hab. America.

a. Purchased, March 6, 1876.

Genus Hydrochelidon.

1400. *Hydrochelidon nigra* (Linn.). Black Tern.
Hab. British Islands.

a, b. Purchased, June 1, 1868.

Genus Anous.

1401. *Anous stolidus* (Linn.). Noddy.
Hab. West Indies.

a. Purchased, May 18, 1865.
b. Presented by M. H. Smyth, Esq., R.N., Jan. 17, 1879.

Order XX. TUBINARES.

Family PROCELLARIIDÆ.

Genus Puffinus.

1402. *Puffinus anglorum* (Temm.). Manx Shearwater.
Hab. British Islands.

a. Presented by Dr. Bree, F.Z.S., Sept. 10, 1873.
b. Deposited, Sept. 19, 1873.

1403. *Puffinus major*, Faber. Greater Shearwater.
Hab. America.

a. Purchased, Oct. 27, 1882. From Lincolnshire.

Genus Daption.

1404. *Daption capense* (Linn.). Cape Pigeon.
Hab. South Atlantic.

a. Purchased, Oct. 15, 1873. From Manilla.

Genus Fulmarus.

1405. *Fulmarus glacialis* (Linn.). Fulmar.
Hab. Northern Europe.

a, *b*. Deposited, January 16, 1880.

Order XXI. PYGOPODES.

Family COLYMBIDÆ.

Genus Tachybaptes.

1406. *Tachybaptes fluviatilis* (Tunst.). Little Grebe.

Hab. British Islands.

a. Purchased, Feb. 21, 1863.
b–e. Presented by Master A. M. Hall, Dec. 1, 1863.
f, g. Presented by Lieut.-Col. C. T. Cox, Nov. 16, 1867.
h. Presented by F. H. Salvin, Esq., Sept. 3, 1868.
i. Presented by J. K. Lord, Esq., F.Z.S., April 1, 1871.
j. Presented by A. M. Hill, Esq., Dec. 6, 1871.
k. Purchased, Jan. 18, 1872.
l. Presented by H. P. Hensman, Esq., Nov. 3, 1873.
m. Purchased, Jan. 4, 1876.
n. Presented by Dr. S. J. F. Stafford, April 6, 1876.
o. Presented by W. Johnson, Esq., Oct. 10, 1876.
p. Purchased, Nov. 27, 1877.
q. Presented by A. F. Buxton, Esq., Nov. 17, 1879.
r. Presented by Thomas E. Pryce, Esq., Jan. 31, 1880.
s. Presented by J. H. Gurney, jun., Esq., Jan. 15, 1881.

Genus Podiceps.

1407. *Podiceps griseigena* (Bodd.). Red-necked Grebe.

Hab. British Islands.

a. Presented by W. C. Horsfall, Esq., Feb. 16, 1866.

1408. *Podiceps auritus* (Linn.). Sclavonian Grebe.

Hab. British Islands.

a. Purchased, Nov. 18, 1881.

Genus Colymbus.

1409. *Colymbus glacialis*, Linn. Great Northern Diver.

Hab. British Islands.

a. Presented by A. R. Hunt, Esq., Jan. 6, 1870. See P. Z. S. 1870, p. 86.

1410. *Colymbus arcticus,* Linn. Black-throated Diver.
Hab. British Islands.

a. Purchased, Dec. 28, 1881.

1411. *Colymbus septentrionalis* (Linn.). Red-throated Diver.
Hab. Europe.

a. Presented by J. S. Thompson, Esq., April 8, 1879.
b. Deposited, Nov. 20, 1879.
c. Purchased, Dec. 13, 1880.
d, *e.* Purchased, Feb. 2, 1881.
f, *g.* Purchased, Nov. 5, 1881.
h. Purchased, Nov. 24, 1881.
i. Purchased, Nov. 11, 1882.

Family ALCIDÆ.

Genus Alca.

1412. *Alca torda,* Linn. Razorbill.
Hab. British Islands.

a. Presented by P. W. Symonds, Esq., July 28, 1864.
b, *c.* Presented by T. Walker, Esq., June 11, 1868.
d. Presented by W. Thompson, Esq., Jan. 7, 1877.
e. Purchased, Dec. 3, 1880.
f, *g.* Purchased, Nov. 24, 1881.
h, *i.* Purchased, Dec. 1, 1881.

Genus Lomvia.

1413. *Lomvia troile* (Linn.). Common Guillemot.
Hab. British Isles.

a, *b.* Presented by W. H. Scratten, Esq., F.Z.S., Sept. 25, 1872.
c–e. Purchased, Aug. 21, 1873.
f–k. Presented by Sir H. Dalrymple, Bart., July 22, 1874.
l–r. Presented by Sir H. Dalrymple, Bart., Aug. 5, 1876.
s–x. Presented by Sir H. Dalrymple, Bart., July 27, 1878.

y–*j*[1]. Presented by Sir Hugh Dalrymple, Bart., July 11, 1880.
k[1]. Purchased, Nov. 18, 1881.
l[1]–*q*[1]. Presented by Miss Maud Howard, Aug. 3, 1882.

Genus Fratercula.

1414. *Fratercula arctica* (Linn.). Puffin.

Hab. British Islands.

a, *b*. Presented by T. Walker, Esq., June 11, 1868.
c. Received in exchange, March 31, 1870.
d. Received in exchange, Jan. 28, 1878.
e. Presented by H. M. Upcher, Esq., March 25, 1882.
f. Presented by Miss Lane, March 28, 1882.

Order XXII. IMPENNES.

Family SPHENISCIDÆ.

Genus Aptenodytes.

1415. *Aptenodytes pennanti*, Gray. King Penguin.

Hab. Falkland Islands.

a. Presented by Commander Fenwick, R.N., March 27, 1865. See Owen, P. Z. S. 1865, p. 438.
b. Presented by Frederick Cobb, Esq., Jan. 8, 1872. See P. Z. S. 1872, p. 183.
c. Deposited, May 27, 1872.
d. Presented by Frederick Cobb, Esq., May 18, 1875. See P. Z. S. 1875, p. 469.
e. Purchased, Nov. 14, 1879. See P. Z. S. 1879, p. 763. From Staten Island, Cape Horn.

Genus Pygoscelis.

1416. *Pygoscelis tæniatus* (Peale). Gentoo Penguin.

Hab. Falkland Islands.

a. Purchased, Oct. 22, 1874. See P. Z. S. 1874, p. 605.

Genus Spheniscus.

1417. *Spheniscus demersus* (Linn.). Black-footed Penguin.

Hab. South Africa.

a. Purchased, Oct. 26, 1867. See P. Z. S. 1867, p. 818.
b. Deposited, Dec. 19, 1867.
c–e. Purchased, Dec. 3, 1874.
f. Purchased, Feb. 13, 1878.
g. Purchased, Aug. 8, 1878.
h. Purchased, Oct. 7, 1878.
i, j. Purchased, Aug. 14, 1879.
k. Purchased, June 1, 1880.
l, m. Presented by William Catton Branford, Esq., Jan. 10, 1881.
n. Presented by Capt. J. C. Robinson, Aug. 5, 1881.
o. Presented by Capt. H. W. Stockham, Dec. 29, 1881.

1418. *Spheniscus humboldti*, Meyen. Humboldt's Penguin. (Fig. 58, p. 544.)

Hab. Western America.

a. Deposited, Dec. 6, 1871.
b. Presented by Major J. G. Sandeman, F.Z.S., March 31, 1872. From Guayca, West Coast of South America. See P. Z. S. 1872, p. 604.
c. Purchased, Jan. 24, 1878. See P. Z. S. 1878, p. 116; also Bartlett, P. Z. S. 1879, p. 6.

1419. *Spheniscus magellanicus*, Forst. Jackass Penguin.

Hab. Falkland Islands.

a. Purchased, May 25, 1882.

ZOOLOGICAL GARDENS
1875.

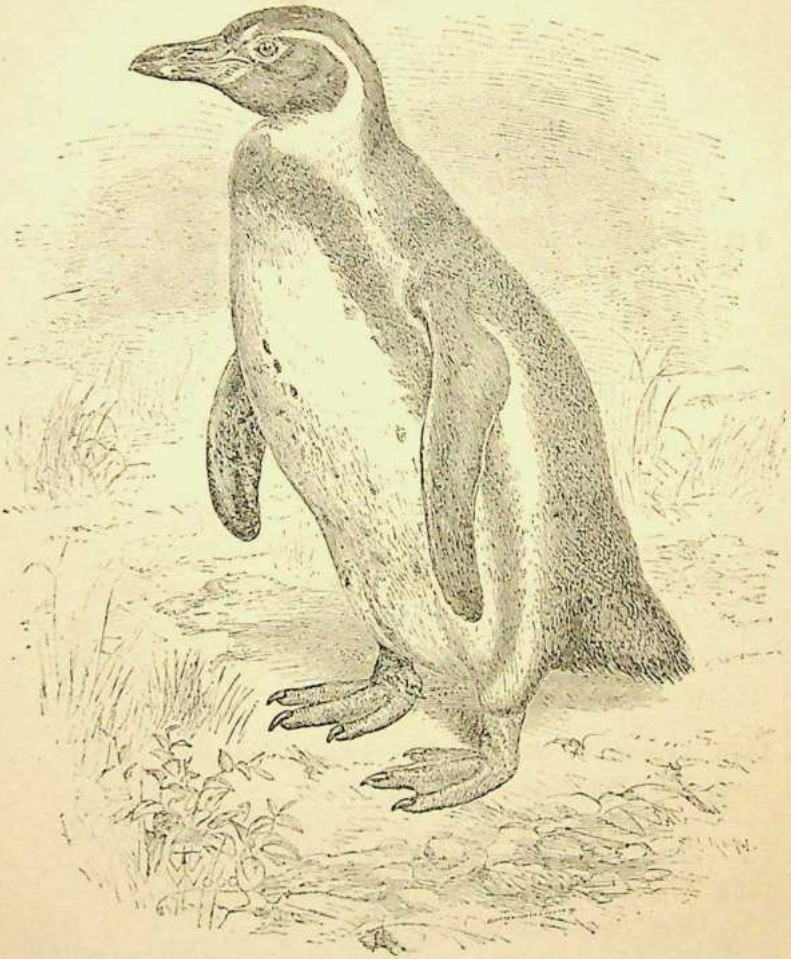
Genus Eudyptes.

1420. *Eudyptes chrysocome* (Forst.). Rock-hopper Penguin.

Hab. Falkland Island.

a. Presented by J. M. Dean, Esq., July 1, 1873. See P. Z. S. 1873, p. 683.
b. Received in exchange, March 31, 1881. From Tristan d'Acunha.

Fig. 58.



Spheniscus humboldti. (P. Z. S. 1879, p. 8.)

Order XXIII. CRYPTURI.

Family TINAMIDÆ.

Genus Tinamus.

1421. *Tinamus solitarius* (Vieill.). Solitary Tinamou.
Hab. Brazil.

a, *b*. Received in exchange, Oct. 13, 1873.
c. Received in exchange, Sept. 30, 1874.
d. Purchased, Oct. 15, 1874.
e. Received in exchange, Dec. 2, 1874.
f, *g*. Purchased, Aug. 14, 1877.
h, *i*. Purchased, Oct. 15, 1877.

Genus Crypturus.

1422. *Crypturus obsoletus* (Temm.). Obsolete Tinamou.
Hab. Brazil.

a, *b*. Received in exchange, Oct. 21, 1873.
c. Purchased, Aug. 14, 1877.

1423. *Crypturus pileatus* (Bodd.). Little Tinamou.
Hab. South America.

a. Received in exchange, June 24, 1868.

1424. *Crypturus tataupa* (Temm.). Tataupa Tinamou.
Hab. South America.

a. Purchased, Sept. 29, 1876.
b. Purchased, Oct. 19, 1876.
c. Purchased, Jan. 17, 1877.
d–j. Purchased, Oct. 16, 1881. From Garanhuns.
k–l. Purchased, Aug. 1, 1882.

1425. *Crypturus noctivagus*, Max. Banded Tinamou.
Hab. Brazil.

a–e. Purchased, Aug. 29, 1872.
f–h. Purchased, Oct. 21, 1873.

i, *j*. Purchased, Feb. 22, 1875.
k. Received in exchange, Aug. 4, 1879.
l, *m*. Purchased, Oct. 16, 1883. From Garanhuns.

1426. *Crypturus variegatus* (Gm.). Variegated Tinamou.
Hab. Brazil.

a. Presented by John Blount, Esq., April 1, 1861.

1427. *Crypturus undulatus* (Temm.). Undulated Tinamou.
Hab. South America.

a. Purchased, Sept. 29, 1876.

Genus Rhynchotus.

1428. *Rhynchotus rufescens* (Temm.). Rufous Tinamou.
Hab. Brazil.

a, *b*. Purchased, June 27, 1864.
c. Presented by the Comte and Comtesse d'Eu, Feb. 13, 1865.
d, *e*. Presented by Edward Collier, Esq., July 10, 1866.
f, *g*. Bred in the Gardens, May 31, 1867. See Bartlett, P. Z. S. 1867, p. 687, and 1868, p. 114, pl. xii.
h–*m*. Bred in the Gardens, June 28, 1867. See P. Z. S. 1868, p. 114.
n. Bred in the Gardens, July 20, 1867.
o–*s*. Bred in the Gardens, Aug. 11, 1867.
t–*w*. Bred in the Gardens, Aug. 31, 1867.
x–*z*. Bred in the Gardens, Sept. 13, 1867.
a^1–g^1. Bred in the Gardens, Aug. 11, 1868.
h^1, i^1. Bred in the Gardens, Aug. 15, 1868.
j^1–l^1. Presented by Dr. Wood, Oct. 14, 1871.
m^1. Presented by C. L. Getting, Esq., July 31, 1872.
n^1–p^1. Purchased, Aug. 16, 1873.
q^1–t^1. Presented by A. O. Lumb, Esq., Aug. 6, 1874.
u^1. Presented by Viscount Hill, April 13, 1875.
v^1, w^1. Presented by Mrs. Ringrose, July 23, 1876.
x^1. Purchased, Sept. 29, 1876.
y^1. Presented by F. S. Parker, Esq., March 28, 1877.
z^1–d^2. Purchased, July 16, 1877.
e^2, f^2. Presented by Capt. Fairfax, R.N., Aug. 6, 1877.
g^2, h^2. Purchased, July 29, 1878.
i^2–k^2. Presented by J. A. Iliffe, Esq., Sept. 20, 1878.
l^2, m^2. Deposited, Sept. 24, 1880.
n^2, o^2. Purchased, Aug. 1, 1882.

1429. *Rhynchotus perdicarius* (Kittl.). Chilian Tinamou.
Hab. Chili.

a. Purchased, Jan. 10, 1873.
b, *c*. Purchased, Oct. 21, 1873.

Genus Nothura.

1430. *Nothura maculosa*, Temm. Spotted Tinamou.
Hab. Buenos Ayres.

a, *b*. Received in exchange, Aug. 8, 1873.
c, *d*. Purchased, Oct. 21, 1873.
e–*g*. Purchased, July 17, 1875.
h–*p*. Purchased, July 29, 1878.

Order XXIV. APTERYGES.

Family APTERYGIDÆ.

Genus Apteryx.

1431. *Apteryx australis*, Shaw *. Kiwi.
Hab. South Island, New Zealand.

a. Received in exchange, Oct. 10, 1872. See P. Z. S. 1871, p. 479, and 1872, p. 861.

1432. *Apteryx mantelli*, Bartlett. Mantell's Apteryx.
Hab. New Zealand.

a. Female. Presented by Lieut. Governor Eyre, Dec. 9, 1851.
b. Male. Presented by Major Keane, Sept. 29, 1864. See P. Z. S. 1864, p. 374.
c. Male. Presented by Henry Slade, Esq., R.N., May 23, 1865. See P. Z. S. 1865, p. 466.
d. Purchased, April 14, 1871. See P. Z. S. 1871, p. 479.
e. Presented by Alfred Lafone, Esq., May 20, 1871.
f. Purchased, March 11, 1873.

---

* For notices of eggs of *Apteryx*, see Sclater, P. Z. S. 1859, p. 350, and 1860, p. 194; for incubation of *Apteryx*, see Bartlett, P. Z. S. 1868, p. 329.

1433. *Apteryx oweni*, Gould. Owen's Apteryx.

Hab. New Zealand.

a. Presented by the Acclimatization Society of Otago' July 28, 1869. See P. Z. S. 1869, p. 468.
b. Purchased, April 14, 1871. See P. Z. S. 1871, p. 479.
c. Received in exchange, Oct. 10, 1872.
d. Presented by Dr. J. Hector, C.M.Z.S., June 7, 1875.

1434. *Apteryx haasti*, Potts. Haast's Apteryx.

Hab. New Zealand.

a. Presented by Baron Ferdinand von Mueller, C.M.Z.S., Dec. 18, 1875. See P. Z. S. 1876, p. 1.

Order XXV. CASUARII.

Family CASUARIIDÆ.

Genus Casuarius.

1435. *Casuarius galeatus* (Vieill.). Common Cassowary.

Hab. Ceram.

a. Male. Received in exchange, March 28, 1862.
b. Female. Purchased, Nov. 20, 1863.
c. Male; *d*. Female. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864.
e. Bred in the Gardens, June 22, 1866.
f. Bred in the Gardens, July 18, 1867. See P. Z. S. 1867, p. 179.
g. Presented by Admiral Sir H. Keppel, K.C.B., April 13, 1870.
h. Purchased, March 3, 1874.
i. Purchased, May 2, 1878.

1436. *Casuarius australis*, Wall. Australian Cassowary.

Hab. Australia.

a. Presented by the Marquess of Normanby, Jan. 23, 1875, See P. Z. S. 1875, pp. 2, 82.
b. Presented by E. P. Ramsay, Esq., C.M.Z.S., May 28, 1875. P. Z. S. 1875. p. 469.

1437. *Casuarius beccarii*, Sclater. Beccari's Cassowary.

Hab. South-eastern New Guinea.

a. Presented by Sir James Fergusson, Bart., F.Z.S., June 7, 1875. See P. Z. S. 1875, p. 527, pl. LVIII.
b. Young. Received in exchange, March 21, 1878.

1438. *Casuarius bicarunculatus*, Sclater. Two-wattled Cassowary.

Hab. Aroo Islands.

a. Received in exchange, May 2, 1860. See P. Z. S. 1860 pp. 211 & 247.
b. Female. Purchased, Jan. 13, 1869. See P. Z. S. 1869, p. 149.
c. Purchased, Feb. 15, 1872. See P. Z. S. 1872, p. 495, pl. XXVI.
d. Purchased, March 8, 1877.

1439. *Casuarius uniappendiculatus*, Blyth. One-wattled Cassowary.

Hab. New Guinea.

a. Presented by Capt. Moresby, of H.M.S. 'Basilisk,' Aug. 25, 1874. See P. Z. S. 1874, p. 495, and 1875, p. 85, pl. xx., and p. 533. From Threshold Bay, Western New Guinea.
b. Purchased, May 24, 1877 See P. Z. S. 1877, p. 531.
c. Received in exchange, July 5, 1882.

1440. *Casuarius westermanni*, Scl. Westermann's Cassowary.

Hab. New Guinea.

a. Received in exchange, Sept. 20, 1871. See P. Z. S. 1871, p. 627. Specimen figured as *Casuarius kaupi*, P. Z. S. 1872, p. 147, pl. IX. See P. Z. S. 1873, p. 248, and 1875, p. 85, pl. XIX.
b. Purchased, Aug. 3, 1882.

1441. *Casuarius picticollis*, Scl. Painted-necked Cassowary.

Hab. Southern New Guinea.

a. Purchased, May 27, 1874. Specimen described and figured, P. Z. S. 1875, p. 85, pl. XVIII. From Discovery Bay, S.E. Coast of New Guinea.

1442. *Casuarius bennetti*, Gould. Bennett's Cassowary *.

Hab. New Britain.

a. Male. Presented by Dr. George Bennett, F.Z.S., May 17, 1857. Specimen figured, Trans. Zool. Soc. iv. pl. LXXII.
b. Female. Presented by Dr. George Bennett, F.Z.S., May 25, 1858. See P. Z. S. 1863, p. 518.
c, *d*. Bred in the Gardens, June 21, 1864. See P. Z. S. 1864, p. 271.
e. Presented by Commander Sir W. S. Wiseman, R.N., Feb. 11, 1867. See P. Z. S. 1867, p. 179.
f. Purchased, Oct. 8, 1869.
g, *h*. Presented by the Rev. G. Brown, April 26, 1876.

Genus DROMÆUS.

1443. *Dromæus novæ-hollandiæ*, Vieill. Emu.

Hab. Australia.

a. Received in exchange, 1860.
b, *c*. Purchased, 1860. See P. Z. S. 1860, p. 248.
d, *e*. Var. *irrorata*, Bartlett. Bred in the Gardens, 1861.
f. Male. Received in exchange, April 1862.
g. Presented by D. P. M'Ewen, Esq., June 14, 1864.
h–*i*. Presented by H. G. Ashurst, Esq., Aug. 3, 1864.
j–*l*. Bred in the Gardens, March 31, 1865.
m–*o*. Presented by Dr. Mueller, C.M.Z.S., July 26, 1865.
p. Presented by the Hon. Mrs. Greville Howard, Oct. 6, 1865.
q. Presented by Money Wigram, Esq., F.Z.S., Jan. 8, 1867.
r. Male. Received in exchange, Jan. 29, 1867.
s–*u*. Deposited, Feb. 25, 1877.
v. Presented by H.R.H. the Prince of Wales, F.Z.S. Nov. 23, 1868.
w. Presented by H.R.H. the Prince of Wales, F.Z.S., Feb. 19, 1869.
x. Presented by Viscount Hill, F.Z.S., Nov. 18, 1869.
y, *z*. Purchased, May 6, 1870.
a^1. Presented by Capt. Cruikshank, April 3, 1871.
b^1. Male. Presented by Miss Beatson, May 4, 1871.
c^1. Presented by the Rev. G. T. Hudson, Feb. 8, 1872.
d^1. Female. Purchased, Aug. 9, 1872.
e^1, *f*^{1}. Deposited, April 21, 1873.

---

* For notice of the egg of this species see J. E. Gray, P. Z. S. 1858, p. 271, Aves, pl. CXLIV., and Bartlett, P. Z. S. 1860, p. 205, pl. CLXII.

g^1, h^1. Presented by the Hon. Arthur Gordon, June 6, 1873.
i^1. Presented by E. J. Davis, Esq., F.Z.S., Jan. 15, 1876.
j^1, k^1. Deposited, June 10, 1876.
l^1. Presented by Wonsley Battersby, Esq., Nov. 4, 1876.
m^1. Presented by F. Green, Esq., Aug. 23, 1877.
n^1, o^1. Presented by Lord Francis Conyngham, M.P., F.Z.S., Oct. 3, 1877. Var. *irrorata*.
p^1. Presented by C. Hampden Wigram, Esq., Oct. 17, 1878.
q^1, r^1. Received in exchange, March 29, 1880.
s^1. Presented by A. M'Ilwraith, Esq., F.Z.S., June 26, 1880.
t^1. Purchased, June 2, 1882.

Order XXVI. STRUTHIONES.

Family STRUTHIONIDÆ.

Genus Struthio.

1444. *Struthio camelus*, Linn. Ostrich.

Hab. Africa.

a. Male. Presented by Her Majesty the Queen, April 4, 1850. From Morocco.
b. Female. Presented by Her Majesty the Queen, Feb. 8, 1859. From Morocco.
c, *d*. Young. Presented by E. Hertslet, Esq., Oct. 10 1863.
e. Male. Purchased, Aug. 19, 1865.
f. Purchased, May 8, 1868.
g. Male. Purchased, May 1, 1869.
h, *i*. Deposited, July 5, 1872.
j. Female. Received in exchange, Oct. 19, 1877.
k. Male; *l*. Female. Presented by the Hon. H. C. Vivian, H.B.M. Consul-General, Cairo, Sept. 19, 1878.
m. Female. Deposited, July 8, 1880.
n. Male; *o*. Female. Deposited, June 1, 1881.
p. Young. Presented by W. Jerram, Esq., Nov. 2, 1881.

---

* For notes on the method of incubation of the Struthiones see P. Z. S. 1863, p. 233. On the Struthious Birds of the Society's Menagerie generally, see Sclater, P. Z. S. 1860, p. 247, and Trans. Zool. Soc. vol. iv. p. 353.

Family RHEIDÆ.

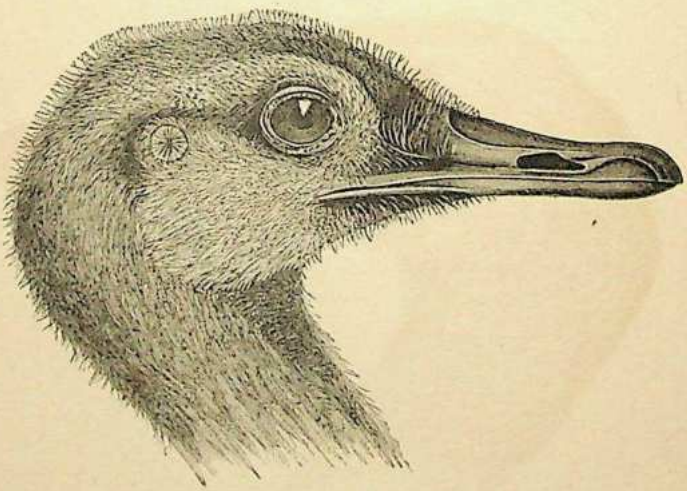
Genus Rhea.

1445. *Rhea americana*, Vieill. Common Rhea. (Fig. 59.)

Hab. Argentine Republic.

a. Male: *b*. Female. Purchased, Dec. 5, 1860.
c. Young. Hybrid between this species and *Rhea macrorhyncha*, Sclater. Bred in the Gardens, 1862.
d. Bred in the Gardens, Aug. 14, 1863.
e, *f*. Presented by A. Brenner, Esq., July 18, 1864.
g. Presented by George Wilks, Esq., C.M.Z.S., May 4, 1867.
h. Purchased, Nov. 8, 1867.
i. Purchased, Nov. 14, 1867.
j, *k*. Purchased, Feb. 11, 1868.
l. Purchased, June 7, 1870.

Fig. 59.



Rhea americana. (P. Z. S. 1860, p. 208.)

m. Presented by W. C. Barnes, Esq., June 22, 1871. From the River Plate.
n, *o*. Deposited, Oct. 25, 1873.
p. Purchased, Jan. 20, 1874.
q. Presented by A. Maxwell, Esq., Feb. 23, 1874.
r. Purchased, April 6, 1874. From Buenos Ayres.

s. Purchased, Nov. 11, 1874.
t. Purchased, March 19, 1875.
u, *v*. Purchased, July 31, 1875.
w. Purchased, July 18, 1876.
x–*z*. Presented by F. Parish, Esq., May 25, 1878.
a[1]. Presented by Major Venables, Feb. 7, 1879.
b[1]. Presented by the Marquis of Queensberry, July 13, 1880.
c[1]. Purchased, Sept. 25, 1880.
d[1]. Presented by A. D. M. Stewart, Esq., April 12, 1881.
e[1]. Purchased, July 5, 1881.
f[1]. Presented by J. Thomas, Esq., June 23, 1882.

1446. *Rhea macrorhyncha*, Sclater. Great-billed Rhea. (Fig. 60.)

Hab. Brazil.

a. Male. Purchased, Nov. 1858. Specimen described and figured, P. Z. S. 1860, p. 207, and Trans. Zool. Soc. iv. p. 356, pl. LXIX.

Fig. 60.

Rhea macrorhyncha. (P. Z. S. 1860, p. 208.)

b. Purchased, Feb. 15, 1877. From Maranham. See P. Z. S. 1877, p. 160.
c. Received in exchange, July 31, 1877.
d, *e*. Purchased, May 23, 1878.
f. Purchased, April 7, 1880.

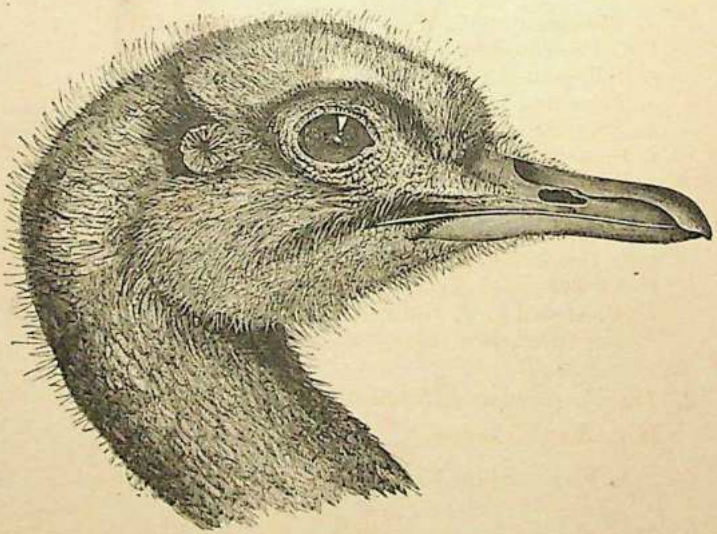
g. Purchased, Oct. 16, 1880. From Agoas Bellas, Pernambuco.
h. Purchased, Oct. 21, 1880.
i. Purchased, April 15, 1882.

1447. *Rhea darwini*, Gould. Darwin's Rhea. (Fig. 61.)

Hab. Patagonia.

a. Male. Purchased, Oct. 20, 1858. Specimen figured, Trans. Zool. Soc. iv. p. 357, pl. LXX.
b. Purchased, Oct. 19, 1868.
c. Purchased, Nov. 9, 1881.
d–f. Purchased, June 16, 1882.

Fig. 61.



Rhea darwinii. (P. Z. S. 1860, p. 209.)

Class REPTILIA.

Order TESTUDINATA.

Family TESTUDINIDÆ.

Genus TESTUDO.

a. *Species Palæarcticæ.*

1. *Testudo græca,* Linn. Greek Tortoise.

Hab. Europe.

a. Presented by G. Weaver, Esq., July 24, 1868.
b–d. Presented by Capt. T. Waite, Nov. 18, 1868.
e, f. Presented by Mrs. Lee, July 22, 1869.
g. Presented by W. A. Jepson, Esq., Sept. 13, 1869.
h. Presented by Mrs. Lee, July 23, 1870.
i. Deposited, Oct. 25, 1870.
j. Presented by Mr. J. R. Lane, April 30, 1875.
k. Presented by Miss Barter, June 29, 1875.
l–r. Deposited, Aug. 9, 1878.
s–e^1. Deposited, Aug. 17, 1878.
f^1*–h*^{1}. Purchased, Feb. 23, 1880.
i^1. Presented by J. Hobz, Esq., July 16, 1880.
j^1. Deposited, Nov. 10, 1882.

2. *Testudo marginata,* Schoepff. Margined Tortoise.

Hab. South Europe.

a, b. Presented by Miss Harris, Sept. 10, 1878.

3. *Testudo mauritanica,* D. & B. Algerian Tortoise.

Hab. Southern Europe and North Africa.

a. Deposited, June 28, 1872.
b. Presented by W. Heslop, Esq., Sept. 17, 1872. From the Crimea.
c, d. Presented by E. Cavendish Taylor, Esq., F.Z.S., March 6, 1873. From Algeria.
e, f. Presented by Capt. Perry, March 18, 1873.
g, h. Presented by the Hon. E. Ellis, Nov. 29, 1873.
i–n. Presented by Sir John Drummond Hay, K.C.B., April 4, 1873. From Barbary.
o. Presented by Mr. Milne, July 4, 1876.

b. *Species Æthiopicæ.*

4. *Testudo sulcata,* Miller. Grooved Tortoise.
Hab. South Africa.

a. Purchased, July 6, 1862.
b, c. Presented by C. A. Fairbridge, Esq., May 28, 1867.
d. Purchased, Jan. 9, 1878.

5. *Testudo pardalis,* Bell. Leopard Tortoise.
Hab. South Africa.

a, b. Presented by Sir William Williams, Bart., F.Z.S., Oct. 19, 1866.
c. Purchased, June 26, 1871.
d. Presented by Dr. G. Grey, of Cradock, Cape, Feb. 1872. See P. Z. S. 1872, p. 184.
e, f. Presented by the Rev. E. H. R. Fisk, C.M.Z.S., Oct. 9, 1878.
g. Purchased, May 1, 1879.
h. Presented by Sir John Kirk, C.B., C.M.Z.S., Oct. 3, 1881.

6. *Testudo semiserrata,* Smith. Semiserrated Tortoise.
Hab. South Africa.

a–c. Presented by Dr. George Grey, C.M.Z.S., Jan. 25, 1872. See P. Z. S. 1872, p. 184.
d. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882.

7. *Testudo radiata,* Shaw. Radiated Tortoise.
Hab. Madagascar.

a–e. Deposited, Aug. 11, 1863.
f. Received in exchange, Aug. 31, 1871.
g, h. Deposited, July 8, 1875.
i. Presented by H. Harrison, Esq., Nov. 12, 1877.
j, k. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Oct. 17, 1878.
l. Purchased, Aug. 27, 1879.
m, n. Presented by Hugh M'Cubbin, Esq., May 1, 1880.
o. Presented by Sir John Kirk, C.B., C.M.Z.S., Oct, 3, 1881.
p, q. Purchased, Oct. 17, 1881.
r. Presented by Capt. R. Elwood, Sept. 18, 1882.

8. *Testudo geometrica,* Linn. Geometric Tortoise.
Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Aug. 9, 1880.

c. *Species Indicæ.*

9. *Testudo stellata,* Schw. Starred Tortoise.
Hab. India.

a, b. Presented by W. Vincent Legge, Esq., R.A., C.M.Z.S., Nov. 2, 1872. From Ceylon.
c. Presented by Capt. Wilkinson, Dec. 11, 1872.
d, e. Purchased, June 16, 1872.
f, g. Presented by Capt. C. S. Sturt, C.M.Z.S., June 10, 1873.
h. Presented by Capt. C. S. Sturt, C.M.Z.S., July 29, 1873.
i–l. Presented by H. P. Le Mesurier, Esq., Sept. 23, 1873.
m. Presented by Capt. Smelley, March 9, 1874.
n–r. Deposited, Aug. 20, 1875.
s, t. Presented by Mrs. Span, Jan. 29, 1876.
u, v. Presented by W. Dunn, Esq., C.E., C.M.Z.S., Jan. 13, 1880.

10. *Testudo elongata,* Blyth. Burmese Tortoise.
Hab. Burmah.

a–d. Presented by Dr. John Anderson, F.Z.S., May 16, 1873.
e–h. Presented by W. Dunn, Esq., C.M.Z.S., Jan. 22, 1875.
i. Deposited, May 1, 1882, and presented by B. H. Carew, Esq., June 23, 1882. From the Western Dosars of Bhotan.

d. *Species Americanæ.*

11. *Testudo polyphemus,* Holbrook. Florida Tortoise.
Hab. North America.

a, b. Presented by the Smithsonian Institution, March 9, 1869.
c, d. Purchased, Dec. 23, 1870.
e–j. Presented by the Smithsonian Institution, June 4, 1874.
k–p. Presented by G. E. Manigault, Esq., Sept. 27, 1882.

12. *Testudo tabulata,* Walb. Brazilian Tortoise.
Hab. South America.

a. Presented by D. C. Munro, Esq., H.B.M.'s Consul, Surinam, May 19, 1863.
b, c. Purchased, May 30, 1865.
d. Received in exchange, Oct. 6, 1868.
e. Purchased, Dec. 16, 1870. From the Island of Marajo, Lower Amazons. See P. Z. S. 1871, p. 743.
f. Received in exchange, Feb. 13, 1871.
g. Purchased, Aug. 2, 1871.
h. Purchased, Feb. 17, 1873.
i. Purchased, April 29, 1873. From Colon.

j. Purchased, June 28, 1873. From Madeira.
k–o. Purchased, July 16, 1873.
p. Presented by F. Chittenden, Esq., Oct. 26, 1873.
q, *r*. Purchased, April 6, 1874. From Uruguay.
s, *t*. Received in exchange, Sept. 4, 1875.
u. Purchased, May 21, 1876.
v. Purchased, July 26, 1876.
w–y. Received in exchange, Aug. 13, 1877.
z. Presented by Capt. King, Feb. 5, 1878.

13. *Testudo carbonaria*, Spix. Black Tortoise.

Hab. South America.

a, *b*. Purchased, Feb. 19, 1869.
c, *d*. Purchased, Feb. 3, 1871. See P. Z. S. 1871, p. 743.
e–p. Purchased, June 28, 1872. From Colon.
q. Purchased, Jan. 20, 1874.
r, *s*. Purchased, Oct. 31, 1876. Panama.
t. Presented by Capt. J. Moir, June 10, 1878.
u, *v*. Presented by Capt. H. King, Sept. 8, 1879.
w–y. Purchased, May 28, 1880.
z. Presented by W. A. Forbes, Esq., Oct. 16, 1880. From Garanhuns.
a^1. Purchased, Oct. 17, 1881.
b^1. Presented by Viscount Tarbet, F.Z.S., Dec. 29, 1882.

14. *Testudo argentina*, Sclater. Argentine Tortoise.

Hab. Argentine Republic.

a, *b*. Purchased, July 6, 1870. Types of *Testudo chilensis*, Gray, Ann. N. H. ser. 4, vol. vi. p. 190, and P. Z. S. 1870, p. 706, pl. XL. ; also of *T. argentina*, Sclater, Ann. N. H. ser. 4, vol. vi. p. 471. *Cf.* P. Z. S. 1870, p. 667, and 1871, p. 480.
c. Purchased, July 26, 1876.
d. Purchased, Oct. 17, 1881.
e. Purchased, Aug. 2, 1882.

e. *Species gigantes.*

15. *Testudo indica*, Gm. Indian Tortoise.

Hab. (Uncertain.)

a, *b*. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 25, 1864. See P. Z. S. 1864, p. 374.
c. Purchased, Sept. 4, 1868.
d. Purchased, April 6, 1874.
e–h. Presented by Sir A. Gordon, Sept. 21, 1874. From Aldabra.

16. *Testudo elephantina*, Günther. Elephantine Tortoise.

Hab. Aldabra Island.

a. Male. Purchased, July 6, 1875. See P. Z. S. 1876, p. 526.
b. Deposited, Dec. 4, 1879.

17. *Testudo hololissa*, Günther. Smooth Tortoise.

Hab. Aldabra Island.

a. Female. Purchased, July 6, 1875. See P. Z. S. 1876, p. 526.
b, *c*. (Young.) Deposited, July 8, 1875.

18. *Testudo elephantopus*, Harlan. Galapagan Tortoise.

Hab. Galapagos.

a. Purchased, July 6, 1870. See P. Z. S. 1870, p. 667.
b. Deposited, Feb. 28, 1874.
c, *d*. Deposited, June 7, 1876.
e, *f*. Deposited, June 10, 1876.
g. Presented by Lieut. W. H. Henderson, R.N., Feb. 27, 1877.

Genus Homopus.

19. *Homopus areolatus* (Thunb.). Areolated Tortoise.

Hab. Cape Colony.

a–*d*. Presented by Dr. George Grey, C.M.Z.S., Jan. 25, 1872. From Cradock. See P. Z. S. 1872, p. 184.
e. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Aug. 9, 1881.

20. *Homopus horsfieldi* (Gray). Horsfield's Tortoise.

Hab. Central Asia.

a, *b*. Presented by Dr. A. Strauch, C.M.Z.S., Nov. 13, 1878. See P. Z. S. 1878, p. 975.
c, *d*. Presented by Dr. A. Strauch, C.M.Z.S., Dec. 3, 1878.
e. Presented by Capt. W. Cotton, June 11, 1880.
f. Deposited, Feb. 25, 1881. From Afghanistan.

Genus Chersina.

21. *Chersina angulata* (Schweigg.). Angulated Tortoise.

Hab. South Africa.

a. Purchased, April 21, 1870.
b–k. Presented by Dr. George Grey, C.M.Z.S., Jan. 25, 1872. From Cradock, Cape Colony. See P. Z. S. 1872, p. 184.
l–o. Purchased, May 14, 1872.
p. Presented by J. Watson, jnr., Esq., Sept. 17, 1873.
q, *r*. Presented by L. A. Knight, Esq., July 7, 1875.

Genus Cinixys.

22. *Cinixys erosa* (Schweigg.). Eroded Cinixys.

Hab. West Africa.

a. Purchased, Aug. 27, 1870.
b. Purchased, July 29, 1871.
c. Purchased, Feb. 15, 1872.
d, *e*. Presented by J. J. Monteiro, Esq., F.Z.S., June 26, 1873.
f. Purchased, Feb. 10, 1874.
g. Purchased, May 30, 1882.

23. *Cinixys homeana*, Bell. Home's Cinixys.

Hab. West Africa.

a–c. Presented by Governor Ussher and Dr. Mosse, Aug. 14, 1871. See P. Z. S. 1871, p. 626.
d–g. Presented by C. B. Mosse, Esq., C.M.Z.S., May 6, 1872.
h. Presented by H. T. Ussher, Esq., C.M.Z.S., June 25, 1872.

24. *Cinixys belliana*, Gray. Bell's Cinixys.

Hab. Angola.

a. Presented by J. J. Monteiro, Esq., C.M.Z.S., May 17, 1871. See P. Z. S. 1871, p. 544.
b. Presented by Sir A. Gordon, Sept. 21, 1874. See P. Z. S. 1874, p. 496.
c–e. Presented by Sir John Kirk, C.B., C.M.Z.S., Oct. 3, 1881.
f. Deposited, Oct. 14, 1881.
g, *h*. Presented by Capt. Barrow, Jan. 19, 1881.

Family EMYDIDÆ.

Genus Terrapene.

25. *Terrapene carinata* (Linn.). American Box-Tortoise.

Hab. North America.

a–c. Presented by J. H. Thompson, Esq., Oct. 5, 1870. From Massachusetts, U.S.A. See P. Z. S. 1871, p. 744.
d–g. Purchased, Dec. 23, 1870. From Mexico. See P. Z. S. 1871, p. 744.
h. Presented by the Smithsonian Institution, June 4, 1874.
i–k. Presented by Capt. Cooper, R.N., Feb. 17, 1875.
l–p. Presented by Mr. Edmond Isaacson, Aug. 30, 1875.
q. Presented by H. H. Black, Esq., March 2, 1876.
r, s. Purchased, July 3, 1877.
t. Presented by G. E. Manigault, Esq., May 11, 1882.
u. Presented by Samuel Garman, Esq., Nov. 3, 1882.

26. *Terrapene amboinensis* (Daud.). Amboina Box-Tortoise.

Hab. India.

a. Presented by Dr. John Anderson, F.Z.S., May 16, 1873. Died, Feb. 17, 1874.

Genus Geoemyda.

27. *Geoemyda spinosa* (Gray). Spinose Land-Emys.

Hab. Borneo.

a. Presented by C. G. Robson, Oct. 27, 1882.

Genus Emys.

28. *Emys europæa* (Schneider). European Pond-Tortoise.

Hab. South Europe.

a–d. Purchased, April 26, 1873.
e–h. Received in exchange, May 2, 1873.
i–o. Deposited, July 27, 1873.
p–s. Deposited, May 9, 1874.
t. Deposited, Sept. 11, 1874.
u. Presented by W. Jesse, Esq., June 11, 1875.
v–y. Deposited, Oct. 4, 1876.
z. Deposited, Oct. 5, 1880.
a^1*–c*^{1}. Presented by T. D. G. Carmichael, Esq., April 28, 1882.

Genus Clemmys.

a. *Species Americanæ.*

29. *Clemmys guttata* (Schweigg.). Speckled Terrapin.

Hab. North Africa.

a–c. Presented by A. Downs, Esq., C.M.Z.S., Aug. 1, 1862. From Halifax.
d–i. Purchased, July 13, 1868.
j–n. Presented by J. H. Thompson, Esq., C.M.Z.S., Oct. 5, 1870.
o. Presented by A. B. Duncan, Esq., Nov. 1, 1874.
p–w. Purchased, July 3, 1877.
x. Presented by Mr. L. C. Brook, July 18, 1880.
y. Deposited, Oct. 5, 1880.
z–e^1. Purchased, May 19, 1881.
f^1*–i*^{1}. Presented, by C. D. Ekman, Esq., June 27, 1882.
j^1, *k*^{1}. Deposited, Nov. 3, 1882.

30. *Clemmys picta* (Schweigg.). Painted Terrapin.

Hab. North America.

a–i. Presented by the Smithsonian Institution, Washington, U.S.A., May 29, 1866.
j. Presented by A. Downs, Esq., C.M.Z.S., Oct. 7, 1866, From Halifax, U.S.A.
k. Presented by J. H. Thompson, Esq., C.M.Z.S., Oct. 5, 1870.
l, *m.* Purchased, May 19, 1881.
n. Presented by W. A. Forbes, Esq., F.Z.S., Jan. 7, 1882.

31. *Clemmys floridana* (Leconte). Floridan Terrapin.

Hab. North America.

a. Presented by the Smithsonian Institution, Washington, U.S.A., June 4, 1874. From St. John's River.

32. *Clemmys rubriventris* (Leconte). Red-bellied Terrapin.

Hab. North America.

a. Presented by the Smithsonian Institution, Washington, U.S.A., May 22, 1866.
b. Presented by the Smithsonian Institution, June 11, 1874. From the Potomac River.
c–e. Purchased, July 3, 1877.

33. *Clemmys terrapin* (Schoepf.). Salt-water Terrapin.
Hab. North America.

a, *b*. Presented by the Smithsonian Institution, Washington, U.S.A., May 20, 1866.
c, *d*. Presented by Henry Arthur, Esq., March 19, 1870.
e. Purchased, Feb. 15, 1872.
f. Deposited, March 19, 1872.
g. Purchased, May 16, 1873.
h, *i*. Presented by E. B. Scott, Esq., Sept. 1, 1876. From Galveston.
j, *k*. Presented by J. R. Gillespy, Esq., Sept. 6, 1876. From Galveston.
l. Presented by Mr. A. D. Bartlett, June 16, 1881.

34. *Clemmys serrata* (Daud.). Serrated Terrapin.
Hab. North America.

a–*d*. Presented by the Smithsonian Institution, Washington, U.S.A., June 11, 1874. From North Carolina. See P. Z. S. 1874, p. 494.
e. Presented by G. E. Manigault, Esq., C.M.Z.S., May 11, 1882.

35. *Clemmys muhlenburgi* (Schweigg.). Muhlenburg's Terrapin.
Hab. North America.

a–*g*. Purchased, July 3, 1877.
h. Deposited, Feb. 19, 1881.

ZOOLOGICAL GARDENS 1875. CALCUTTA

36. *Clemmys rugosa* (Shaw). Wrinkled Terrapin.
Hab. West Indies.

b. Purchased, Dec. 23, 1870.
c–*i*. Purchased, Sept. 13, 1872.
j. Purchased, Nov. 24, 1874.
k. Presented by Mr. Edmond Isaacson, Aug. 30, 1875.
l. Purchased, April 29, 1876.

37. *Clemmys decussata* (Bell). Hicotee Terrapin.
Hab. Jamaica.

a, *b*. Purchased, Jan. 28, 1872.
c. Purchased, June 24, 1876.

38. *Clemmys punctularia* (Daud.). Rough Terrapin.
Hab. Trinidad.

a–c. Presented by F. Chittenden, Esq., C.M.Z.S., Oct. 26, 1873.
d. Purchased, June 1, 1875.
e. Purchased, April 27, 1877. From Para.
f, g. Purchased, Feb. 9, 1878.
h. Received in exchange, Jan. 28, 1879.
i. Presented by Surgeon-Major C. J. Weir, May 16, 1879.
j. Presented by R. J. Lechmere Guppy, Esq., June 29, 1881.

39. *Clemmys ornata* (Bell). Adorned Terrapin.
Hab. Central America.

a. Purchased, May 12, 1870. From Greytown, Nicaragua.
b. Purchased, Aug. 12, 1870. From the Laguna de Terminos, Yucatan.
c. (Young.) Purchased, Sept. 13, 1872.
d. Purchased, March 17, 1873.
e, f. Presented by H. H. Black, Esq., March 2, 1876.
g–j. Presented by Capt. Cooper, R.N., March 3, 1876.
k. Purchased, Aug. 30, 1876. From Port-au-Prince.
l. Purchased, March 31, 1877.
m. Presented by Surgeon-Major C. J. Weir, May 16, 1879.
n, o. Deposited, Oct. 5, 1880.
p, q. Presented by Mr. A. Forrer, Sept. 9, 1882.

40. *Clemmys annulata* (Gray). Annulated Terrapin.
Hab. Central America.

a. Presented by O. Salvin, Esq., F.Z.S., May 1, 1863. From Huamunchal, Pacific coast of Guatemala.
b. Purchased, July 6, 1870. From Western Peru. See P. Z. S. 1870, p. 667.
c, d. Purchased, Jan. 28, 1872. From Colon.
e, f. (Young.) Purchased, June 28, 1872. From Colon.

b. *Species Orbis antiqui.*

41. *Clemmys caspica* (Schweigg.). Caspian Terrapin.
Hab. Europe and Western Asia.

a, b. Purchased, Oct. 15, 1869.
c, d. Deposited, Oct. 25, 1870. From the Lake of Tiberias?
e–o. Presented by Capt. Phillips, Nov. 10, 1873. From Bussorah. See P. Z. S. 1873, p. 761.
p–r Presented by the Hon. E. Ellis, Nov. 29, 1873. From Persia.
s. Presented by T. Wilson, Esq., Aug. 6, 1878.

42. *Clemmys leprosa* (Schweigg.). Spanish Terrapin.

Hab. Southern Spain.

a–d. Presented by the Rev. Basil Wilberforce, Dec. 4, 1869. Types of *Emys flavipes*, Gray, P. Z. S. 1869, p. 643, pl. L.
e–g. Presented by A. T. Wise, Esq., March 20, 1872. From Gibraltar.
h–j. Deposited, June 28, 1872.
k–m. Presented by E. Cavendish Taylor, Esq., F.Z.S., March 6, 1873.
n–q. Presented by Sir John Drummond Hay, K.C.B., April 4, 1873.
r–t. Purchased, April 26, 1873.
u–w. Presented by Major C. Stirling, July 5, 1874.
x. Deposited, Nov. 3, 1880.
y. Presented by Major Rooke, Sept. 16, 1881.
z. Presented by H. Balfour, Esq., Jan. 19, 1882.
a[1]. Deposited, Nov. 3, 1882.

43. *Clemmys fuliginosa* (Gray). Fuliginous Terrapin.

Hab. West Africa (?).

a. Presented, 1852. Type of *Emys fuliginosa*, Gray, P. Z. S. 1860, p. 232, Rept. pl. XXX.
b, c. Presented by the Rev. Basil Wilberforce, Dec. 4, 1869. Types of *Mauremys laniaria*, Gray, P. Z. S. 1869, p. 499, pl. XXXVII.

44. *Clemmys bennetti* (Gray). Bennett's Terrapin.

Hab. China.

a, b. Presented by R. Swinhoe, Esq., April 1864.

45. *Clemmys hamiltoni* (Gray). Hamilton's Terrapin.

Hab. India.

a, b. Purchased, Aug. 1859.
c–f. Presented by Dr. J. Anderson, C.M.Z.S., Aug. 6, 1867.
g, h. Purchased, May 4, 1871. From Allahabad.
i. Presented by Mrs. Moore, May 1, 1877.
j, k. Presented by the Hon. L. S. Jackson, Aug. 13, 1880.

46. *Clemmys thurgi* (Gray). Thurgi Terrapin.

Hab. India.

a. Purchased, May 4, 1871. From Allahabad.

47. *Clemmys trijuga* (Schweigg.). Ceylonese Terrapin.
Hab. India.

a, *b*. Presented by Capt. Wilkinson, Dec. 11, 1872. From Ceylon.
c. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.
d, *e*. Presented by the Hon. L. S. Jackson, Aug. 13, 1880.

48. *Clemmys crassicollis* (Bell). Thick-necked Terrapin.
Hab. Burmah.

a. Presented by W. Dunn, Esq., C.M.Z.S., Jan. 22, 1875.

49. *Clemmys unicolor* (Gray). Black-headed Terrapin.
Hab. China.

a–c. Presented by R. Swinhoe, Esq., F.Z.S., May 8, 1873. See P. Z. S. 1873, p. 517, pl. XLIV.

50. *Clemmys reevesi* (Gray). Reeves's Terrapin.
Hab. China.

a–c. Presented by R. Swinhoe, Esq., F.Z.S., May 8, 1873. See P. Z. S. 1873, p. 517.
d–g. Presented by Mr. A. Thomson, Feb. 6, 1878.

51. *Clemmys laticeps* (Gray). Broad-headed Terrapin.
Hab. West Africa.

a. Purchased, 1861.

Genus Cyclemys.

52. *Cyclemys oldhami*, Gray. Oldham's Terrapin.
Hab. Western Dosars of Bhotan.

a. Presented by B. H. Carew, Esq., May 1, 1882.

Genus Pangshura.

53. *Pangshura tentoria*, Gray. Dura Terrapin.
Hab. India.

a, *b*. Purchased, May 4, 1871. From Allahabad.

54. *Pangshura tectum* (Bell). Roofed Terrapin.

Hab. India.

a–c. Purchased, Aug. 1859.
d–g. Presented by Dr. J. Anderson, C.M.Z.S., Aug. 6, 1867.

Genus Dermatemys.

55. *Dermatemys mawii*, Gray. Maw's Terrapin.

Hab. Central America.

a. Living in the Gardens, 1865–66.

56. *Dermatemys abnormis*, Cope. Abnormal Terrapin.

Hab. Yucatan.

a. Purchased, Aug. 12, 1870. From the Laguna de Terminos, Yucatan. Specimen described and figured by Dr. Gray, P. Z. S. 1870, p. 716, pl. xlii., as *Chloremys abnormis*.

Genus Macroclemmys.

57. *Macroclemmys temminckii* (Schweigg.). Temminck's Snapper.

Hab. Southern United States.

a, b. Presented by Herr G. Hagenbeck, Dec. 4, 1868.
c. Deposited, April 26, 1869.
d. Deposited, June 23, 1869.
e. Purchased, March 8, 1871.
f. Presented by the Smithsonian Institution, June 4, 1874. From New Orleans.

Genus Chelydra.

58. *Chelydra serpentina* (Linn.). Alligator Terrapin.

Hab. North America.

a, b. Presented by Arthur Russell, Esq., F.Z.S., June 24, 1860.
c. Presented by A. Downs, Esq., C.M.Z.S., Oct. 7, 1866.
d–g. Presented by J. H. Thompson, Esq., C.M.Z.S., Oct. 5, 1870.
h. Presented by the Smithsonian Institution, Nov. 13, 1873.
i–k. Presented by J. H. Thompson, Esq., C.M.Z.S., July 15, 1878.
l. Presented by J. H. Thompson, Esq., C.M.Z.S., Nov. 8, 1880.
m, n. Presented by G. E. Manigault, Esq., May 11, 1882.

Genus Aromochelys.

59. *Aromochelys odorata* (Latr.). Stink-pot Terrapin.

Hab. North America.

a. Living in the Gardens, Jan. 1, 1871.

Genus Cinosternon.

60. *Cinosternon pennsylvanicum* (Gm.). Pennsylvanian Mud-Terrapin.

Hab. North America.

a–c. Received in exchange, June 24, 1868.
d. Deposited, Oct. 5, 1880.
e. Deposited, Feb. 19, 1881.
f, g. Presented by Mr. A. Forrer, Sept. 9, 1882.
h, i. Deposited, Nov. 3, 1882.

61. *Cinosternon scorpioides* (Linn.). Scorpion Mud-Terrapin.

Hab. Trinidad.

a, b. Presented by S. Devenish, Esq., Aug. 17, 1875.
c–f. Presented by S. Devenish, Esq., Aug. 2, 1877.
g. Purchased, Jan. 9, 1878.
h, i. Deposited, Oct. 5, 1880.
j. Deposited, Nov. 3, 1882.

62. *Cinosternon longicaudatum* (Spix). Spix's Mud-Terrapin

Hab. Northern Brazil.

a. Male; *b, c*. Females. Purchased, Dec. 16, 1870. From Marajo, Lower Amazons.
d. Purchased, Oct. 17, 1873.

63. *Cinosternon leucostomum*, A. Dum. White-mouthed Mud-Terrapin.

Hab. Central America.

a, b. Purchased, May 12, 1870. From Greytown, Nicaragua. See P. Z. S. 1871, p. 745.
c. Living in the Gardens, Jan. 1, 1870.
d, e. Purchased, Aug. 12, 1870. From the Laguna de Terminos, Yucatan. See P. Z. S. 1871, p. 745.

Family CHELYDIDÆ.

Genus Podocnemis.

64. *Podocnemis expansa* (Schweigg.). Large Grieved Tortoise.

Hab. Amazons.

a. Purchased, Dec. 16, 1870. See P. Z. S. 1870, p. 910, and 1871, p. 745.

65. *Podocnemis dumeriliana* (Schweigg.). Duméril's Grieved Tortoise.

Hab. South America.

a–c. Presented by the Hon. A. Gordon, C.M.Z.S., July 23, 1868. From Trinidad.

66. *Podocnemis unifilis*, Troschel. One-bearded Grieved Tortoise.

Hab. Upper Amazons.

a. Purchased, Dec. 16, 1870. See P. Z. S. 1871, pp. 36 & 745.

Genus Sternothærus.

67. *Sternothærus subniger*, Gray. Blackish Sternothere.

Hab. Madagascar.

a. Presented by Swinburne Ward, Esq., March 23, 1867. From the Seychelles. See P. Z. S. 1867, p. 473.
b–d. Purchased, May 3, 1871. From Madagascar. See P. Z. S. 1871, p. 543.
e. Purchased, June 8, 1871. From Madagascar.
f. Presented by Commander H. C. St. John, April 2, 1873. From the Seychelles.
g. Purchased, Nov. 24, 1873.
h, i. Presented by Sir Arthur Gordon, Sept. 21, 1874. From the Seychelles. See P. Z. S. 1874, p. 496.
j, k. Deposited, July 8, 1875.
l. Deposited, Sept. 7, 1875.
m–p. Presented by Lionel Hart, Esq., April 25, 1876.
q. Purchased, April 15, 1882.

68. *Sternothærus derbianus*, Gray. Derbian Sternothere.

Hab. West Africa.

a. Purchased, Aug. 30, 1870.
b. Received in exchange, Oct. 25, 1870.
c. Purchased, Feb. 15, 1872.
d. Presented by C. B. Mosse, Esq., C.M.Z.S., May 6, 1872.
e, f. Purchased, March 3, 1881.

69. *Sternothærus niger*, Dum. & Bibr. Black Sternothere.

Hab. West Africa.

a. Purchased, June 12, 1876.
b. Purchased, May 10, 1877.
c. Received in exchange, April 6, 1878.

Genus Pelomedusa.

70. *Pelomedusa gehafi* (Rüpp.). Abyssinian Pentonyx.

Hab. Abyssinia.

a. Presented by the Hon. Mr. Melville, June 2, 1868.
b. Received in exchange, Sept. 4, 1875.
c. Deposited, July 23, 1881.

71. *Pelomedusa galeata*. Galeated Pentonyx.

Hab. South Africa.

a. Presented by W. A. Watkins, Esq., Oct. 10, 1882.

Genus Platemys.

72. *Platemys gordoni* (Gray). Gordon's Terrapin.

Hab. Trinidad.

a. Deposited by the Hon. A. Gordon, July 23, 1868. Specimen described and figured as *Hydraspis gordoni* by Dr. Gray, P. Z. S. 1868, p. 563, pl. xlii. From Trinidad.

73. *Platemys geoffroyana* (Schweigg.). Geoffroy's Terrapin.

Hab. Argentine Republic.

a, b. Presented by George Wilks, Esq., C.M.Z.S., June 17, 1871. See P. Z. S. 1871, p. 623.
c–e. Purchased, Jan. 19, 1876.

Genus Hydromedusa.

74. *Hydromedusa maximiliani* (Mikan). Maximilian's Terrapin.

Hab. Brazil.

a–d. Presented by Dr. Palin, C.M.Z.S., Sept. 19, 1871.
e. Purchased, Jan. 20, 1876.

Genus Chelodina.

75. *Chelodina oblonga*, Gray. Oblong Chelodine.

Hab. West Australia.

a. Presented by W. Ayshford Sandford, Esq., March 18, 1856.

76. *Chelodina longicollis* (Shaw). Long-necked Chelodine.

Hab. Australia.

a. Presented by P. Joske, Esq., Jan. 9, 1861. From the Yarra River. See P. Z. S. 1861, p. 59.
b. Presented by H.R.H. The Duke of Edinburgh, July 4, 1868.
c. Purchased, May 2, 1870.
d. Presented by John Brazier, Esq., C.M.Z.S., March 18, 1872

Genus Chelys.

77. *Chelys matamata* (Brug.). Matamata Terrapin.

Hab. Upper Amazons.

a, b. Received in exchange, March 21, 1878. See P. Z. S. 1878, p. 378.
c, d. Purchased, Nov. 26, 1880.
e. Purchased, March 3, 1881.
f, g. Purchased, April 25, 1881.
h. Purchased, Oct. 25, 1882.

Family TRIONYCHIDÆ.

Genus Trionyx.

78. *Trionyx ægyptiacus* (Geoffr.). Egyptian Trionyx.

Hab. River Nile.

a. Presented by Alexander Baird, Esq., April 17, 1869.
b. Purchased, Feb. 16, 1872.

79. *Trionyx ferox*, Schneid. North-American Trionyx.

Hab. North America.

a. Presented by the Smithsonian Institution, Washington, U.S.A., June 4, 1874. From Lake Michigan. See P. Z. S. 1874, p. 494.

80. *Trionyx perocellatus*, Gray. Chinese Trionyx.

Hab. China.

a. Purchased, Oct. 6, 1877.

Genus Cycloderma.

81. *Cycloderma senegalense* (Dum. & Bibr.). Senegal River-Turtle.

Hab. West Africa.

a. Purchased, Aug. 30, 1870. Specimen described and figured by Dr. Gray, P. Z. S. 1870, p. 717, pl. xliii.

Genus Emyda.

82. *Emyda granosa* (Schoepf.). Bungoma River-Turtle.

Hab. India.

a–e. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.
f. Presented by Dr. J. B. Wilson, Dec. 16, 1876.
g. Purchased, March 2, 1881.

Family CHELONIDÆ.

Genus Chelone.

83. *Chelone imbricata* (Schweigg.). Hawk's-billed Turtle.

Hab. East Indies.

a. Presented by Messrs. T. C. W. Mackay & Co., July 27, 1864.
b. Purchased, Jan. 28, 1867.
c–f. Presented by Capt. Cooper, June 27, 1867.
g. Presented by Messrs. Gilson and Quelch, Feb. 3, 1869.
h. Presented by Capt. Miles, April 26, 1869.
i. Presented by Mr. T. J. Quelch, July 27, 1870.
j. Presented by R. Bellamy, Esq., Sept. 28, 1870.
k, *l*. Purchased, July 27, 1871. From Honduras.

m. Purchased, July 16, 1872. From Central America.
n–t. Purchased, Dec. 1, 1872. From Panama.
u–y. Purchased, Feb. 16, 1873.
z. Purchased, April 29, 1873. From Jamaica.
a^1. Presented by the Rev. A. W. Petre, Sept. 26, 1873.
b^1. Purchased, July 26, 1875. From Panama.
c^1. Presented by Capt. King, Jan. 24, 1876.
d^1. Presented by J. W. Cossbach, Esq., May 6, 1878.
e^1. Presented by Capt. Henderson, July 11, 1878.
f^1. Presented by Capt. H. King, Aug. 16, 1880.
g^1. Presented by J. F. Williams, Esq., Dec. 1, 1880.
h^1. Purchased, June 24, 1881.
i^1. Presented by Capt. King, June 29, 1881.
j^1. Purchased, July 26, 1882.
k^1. Presented by Mr. W. Cross, Nov. 7, 1882.

84. *Chelone viridis* (Schneid.). Green Turtle.

Hab. West Indies.

a. Presented by C. Butler, Esq., Sept. 2, 1864.
b–g. Presented by H. Jones, Esq., July 13, 1867.
h–k. Presented by Lieut. C. B. Clarke, R.N., Aug. 1, 1869.
l–n. Presented by J. Duke, Esq., July 24, 1871.
o, *p*. Presented by Lieut. H. W. Clarke, R.E., Sept. 16, 1871. From Ascension Island.
q–y. Presented by W. Johnson, Esq., Sept. 26, 1871. From Ascension Island.
z–c^1. Presented by L. A. Knight, Esq., July 7, 1875. From Ascension Island.
d^1. Presented by Master Strover, Oct. 21, 1876.
e^1. Presented by Messrs. Hill and Isaacs, R.N., May 15, 1877.
f^1. Presented by Capt. J. Smith, Sept. 26, 1878.
g^1, h^1. Presented by J. C. Robinson, Esq., Apr. 15, 1881.
$i^1–r^1$. Presented by Messrs. Weil Bros., June 29, 1881.

Genus Thalassochelys.

85. *Thalassochelys caouana* (Schweigg.). Loggerhead Turtle.

Hab. Atlantic Ocean.

a–c. Presented by W. K. Taunton, Esq., July 20, 1868.
d. Presented by Mrs. Villebois, Aug. 1, 1871.
e–h. Purchased, April 29, 1873. From Jamaica.
i. Presented by Lieut. N. L. H. Clarke, R.N., June 5, 1873. From Madeira.
j. Presented by Earl Brownlow, F.Z.S., May 20, 1881.
k. Presented by Lord Lilford, F.Z.S., June 15, 1882. From the Straits of Bonifacio.

Order CROCODILIA.

Family CROCODILIDÆ.

Genus Alligator.

86. *Alligator mississippiensis* (Daud.). Alligator.

Hab. Mississippi.

a, *b*. Purchased, 1863.
c–*e*. Purchased, Oct. 9, 1864.
f. Presented by J. Hoppenheim, Esq., May 9, 1865.
g–*j*. Purchased, Oct. 20, 1868.
k. Presented by H.R.H. the Prince of Wales, F.Z.S., Jan. 9, 1871.
l. Presented by Capt. J. Rose, June 13, 1871. From New Orleans.
m. Presented by Miss Peters, June 26, 1871. From Florida.
n. Presented by Mr. John Hanley, July 7, 1873. From New Orleans.
o. Presented by W. Gillespie, Esq., Sept. 8, 1873.
p. Presented by Dr. Palin, Sept. 16, 1873.
q. Presented by Capt. Cowper, Oct. 16, 1873.
r. Deposited, Oct. 15, 1874.
s. Deposited, Nov. 11, 1874.
t. Deposited, Oct. 7, 1875.
u, *v*. Deposited, Dec. 2, 1875.
w. Purchased, July 11, 1876.
x, *y*. Presented by Lord Francis Conyngham, M.P., F.Z.S., April 3, 1879.
z. Presented by Capt. J. H. Mortimer, Oct. 25, 1879.
a^1. Presented by W. G. Marshall, Esq., Dec. 6, 1879.
b^1. Presented by T. L. M. Rose, Esq., July 28, 1880.
c^1–*f*^{1}. Deposited, Aug. 30, 1880.
g^1. Presented by Master Bennett, April 29, 1882.

87. *Alligator latirostris* (Daud.). Broad-snouted Cayman.

Hab. South America.

a. Purchased, April 29, 1873. From Baranquilla.
b. Presented by Capt. Turner, Sept. 15, 1874.
c. Presented by Dr. A. Stradling, April 2, 1879.

88. *Alligator sclerops* (Schneid.). Rough-eyed Cayman.
Hab. South America.

a. Purchased, April 29, 1878.
b. Presented by Arthur C. Ponsonby, Esq., March 12, 1881.

89. *Alligator punctulatus* (Spix). Dotted-jawed Cayman.
Hab. South America.

a, *b*. Presented by Capt. Spicer, Sept. 17, 1868. From Tobago. See P. Z. S. 1868, p. 529.
c. Purchased, July 16, 1873.

90. *Alligator longiscutatus* (Gray). Long-shielded Cayman.
Hab. Paraguay.

a. Presented by G. Wilks, Esq., C.M.Z.S., Feb. 4, 1868. See P. Z. S. 1868, p. 261.

Genus Crocodilus.

91. *Crocodilus frontatus*, Murray. Broad-fronted Crocodile.
Hab. West Africa.

a. Presented by J. J. Monteiro, Esq., C.M.Z.S., June 26, 1873. From the river Bonny.
b. Purchased, July 17, 1873.
c–e. Presented by Lieut. V. L. Cameron, April 4, 1876.
f. Presented by Dr. Alex. Innens, April 30, 1876.
g. Purchased, Feb. 23, 1880.

92. *Crocodilus rhombifer*, Cuv. Mexican Crocodile.
Hab. Central America.

a. Presented by J. Hoppenheim, Esq., May 9, 1865.

93. *Crocodilus vulgaris*, Cuv. Nilotic Crocodile.
Hab. Africa.

a. Purchased, Feb. 13, 1869.
b, *c*. Presented by C. B. Mosse, Esq., C.M.Z.S., May 6, 1872
d. Presented by the Hon. P. C. F. Berkeley, May 22, 1874.
e, *f*. Presented by Capt. D. King, R.N., Feb. 11, 1882.

94. *Crocodilus palustris*, Less. Indian Crocodile.

Hab. Southern Asia and North Australia.

a. Presented by Edmund Penning, Esq., July 22, 1867.
b–h. Presented by Capt. Efford, Sept. 8, 1868. From Cochin.
i, j. Presented by Capt. Banks, Sept. 17, 1868.
k. Received in exchange from the Zoological Gardens of Calcutta, Oct. 4, 1880.

95. *Crocodilus acutus*, Cuvier. Sharp-nosed Crocodile.

Hab. Central America.

a. Purchased, April 17, 1862.
b, c. Presented by Capt. Rivett, R.M.S.S. 'Seine,' May 20, 1862.
d. Purchased, Dec. 31, 1874.
e. Presented by Capt. Drummond, F.Z.S., April 14, 1875.
f. Purchased, April 26, 1875. From the Rio Magdalena.
g. Purchased, Oct. 30, 1875.
h. Purchased, June 15, 1877.
i. Received in exchange, Nov. 28, 1877.
j. Purchased, April 29, 1878.
k. Purchased, Feb. 12, 1880.
l. Purchased, June 28, 1882.
m. Presented by Mrs. A. H. Jamrach, July 17, 1882.

96. *Crocodilus cataphractus*, Cuv. Long-nosed Crocodile.

Hab. West Africa.

a. Purchased, July 19, 1871. See P. Z. S. 1871, p. 625.
b. Presented by H. T. M. Cooper, Esq., April 14, 1874.
c. Received in exchange, Sept. 22, 1875.
d. Deposited, Nov. 30, 1876.
e. Presented by Surgeon F. Speer, Dec. 16, 1880.
f. Purchased, Oct. 1, 1881.

Genus Gavialis.

97. *Gavialis gangeticus* (Gm.). Gavial.

Hab. Ganges.

a. Presented by Dr. John Anderson, Dec. 11, 1872. See P. Z. S. 1873, p. 1.
b. Deposited, Dec. 20, 1873.
c. Presented by Capt. Barnet, Dec. 21, 1875.

Order SAURIA.

Family SPHENODONTIDÆ.

Genus Sphenodon.

98. *Sphenodon punctatus* (Gray). Tuatera Lizard.
Hab. New Zealand.

a. Deposited by Sir G. Grey, K.C.B., Oct. 28, 1868. See P. Z. S. 1868, p. 530.
b. Purchased, May 20, 1870. See P. Z. S. 1870, p. 383.
c, d. Purchased, June 24, 1879. From the island of "Karewa, Bay of Plenty, N. Z." See P. Z. S. 1879, p. 663.
e, f. Purchased, Oct. 26, 1881.
g. Deposited, Oct. 26, 1881.
h. Presented by C. Smith, Esq., Oct. 26, 1881.

Family GECCOTIDÆ.

Genus Gecco.

99. *Gecco verus*, Merr. Indian Gecko.
Hab. India.

a–e. Presented by Capt. Frain, July 24, 1866.
f–h. Presented by A. Grote, Esq., C.M.Z.S., June 2, 1868.

Genus Tarentola.

100. *Tarentola mauritanica* (Linn.). Moorish Gecko.
Hab. Borders of the Mediterranean.

a–d. Presented by H. O. Forbes, Esq., May 17, 1877.
e–g. Deposited, Oct. 5, 1880.

101. *Tarentola delalandii* (D. & B.). Delaland's Gecko.
Hab. West Africa.

a–e. Presented by Mr. A. D. Bartlett, Oct. 10, 1882. From Teneriffe.

Genus Pachydactylus.

102. *Pachydactylus ocellatus* (Cuv.). Ocellated Gecko.
Hab. South Africa.

a–u. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882. From Robben Island.

Genus Ptyodactylus.

103. *Ptyodactylus hasselquisti* (Schneid.). Fan-footed Gecko.
Hab. N.E. Africa, S.W. Asia.

a. Purchased, June 15, 1870.

Genus Phyllodactylus.

104. *Phyllodactylus europæus*, Gené. European Phyllodactyle.
Hab. South Europe.

a–e. Presented by Prof. H. H. Giglioli, C.M.Z.S., March 25, 1879. From Italy.

Family VARANIDÆ.

Genus Varanus.

105. *Varanus griseus* (Daud.). Grey Monitor.
Hab. North Africa and Western Asia.

a–d. Received in exchange, Aug. 28, 1869.
e–g. Received in exchange, Aug. 14, 1870.
h. Presented by Capt. Phillips, Oct. 28, 1875. From Busreh, Persian Gulf.
i. Presented by F. A. Floyer, Esq., F.Z.S., Sept. 2, 1878. From Khan Yunis, Egypto-Syrian frontier.
j. Presented by Commander J. Pratt, June 15, 1879.
k, l. Presented by N. H. Beyts, Esq., Oct. 13, 1881. From Jeddah.
m, n. Presented by Messrs. Wylde, Beyts, and Co., July 24, 1882. From Jeddah.

106. *Varanus exanthematicus* (Bosc). Exanthematic Monitor.
Hab. West Africa.

a. Purchased, June 30, 1860. See Dr. Günther, on the anatomy of this specimen, P. Z. S. 1861, p. 60.
b. Presented by J. J. Monteiro, Esq., June 25, 1873. From Sierra Leone.
c. Presented by G. H. Garrett, Esq., June 8, 1878.
d. Purchased, Feb. 17, 1880.
e. Purchased, June 25, 1880.
f. Purchased, June 30, 1880.

107. *Varanus albogularis* (Daud.). White-throated Monitor.
Hab. South Africa.

a. Purchased, March 1861.
b. Purchased, Feb. 23, 1865.

108. *Varanus niloticus* (Hasselq.). Egyptian Monitor.
Hab. Africa.

a. Purchased, Sept. 28, 1863.
b. Purchased, Aug. 4, 1868.
c. Purchased, March 25, 1869.
d. Purchased, June 7, 1869.
e. Purchased, Aug 17, 1871.
f, *g*. Presented by C. B. Mosse, Esq., C.M.Z.S., May 6, 1872.
h. Purchased, April 3, 1874.
i. Purchased, Jan. 7, 1875.
j. (Young.) Purchased, March 29, 1882.

109. *Varanus varius* (Shaw). Lace Monitor.
Hab. Australia.

a. Purchased, July 2, 1878.
b. Purchased, July 17, 1878.
c. Purchased, July 17, 1882.

110. *Varanus salvator* (Laur.). Two-banded Monitor.
Hab. East Indies.

a. Presented by P. F. Debary, Esq., F.Z.S., Oct. 25, 1866.
b. Presented by E. Linstadt, Esq., July 16, 1881.

111. *Varanus gouldi* (Gray). Gould's Monitor.
Hab. Australia.

a. Purchased, March 9, 1865.
b, *c*. Purchased, May 11, 1865.

d. Presented by Dr. Mueller, C.M.Z.S., May 26, 1865.
e. Presented by the Acclimatization Society of Melbourne, July 21, 1866.
f, *g*. Presented by the Directors of the Botanic Gardens, Adelaide, Feb. 16, 1869.
h. Presented by the Rev. Dan Greatorex, June 17, 1872.
i. Presented by Dr. Pardoe, March 24, 1875.
j. Presented by A. R. Phillips, Esq., May 21, 1875.
k. Purchased, July 2, 1878.

Family HELODERMIDÆ.

Genus HELODERMA.

112. *Heloderma suspectum*, Cope. Heloderm.

Hab. Arizona, U.S.A.

a. Presented by Sir John Lubbock, Bart., F.Z.S., July 16, 1882. See P. Z. S. 1882, p. 630.

Family TEIIDÆ.

Genus TEIUS.

113. *Teius teguexin* (Linn.). Common Teguexin.

Hab. South America.

a. Purchased, June 5, 1865.
b. Purchased, Feb. 26, 1869.
c. Presented by G. Wilks, Esq., C.M.Z.S., March 19, 1870.
d. Purchased, June 21, 1870.
e. Purchased, Sept. 15, 1870.
f. Presented by Dr. J. A. Palin, C.M.Z.S., Dec. 23, 1871.
g. Deposited, June 16, 1873.
h. Purchased, Jan. 20, 1874.
i. Purchased, April 14, 1875.
j, *k*. Presented by A. Stradling, Esq., Jan. 17, 1877.
l. Purchased, Oct. 24, 1878.
m. Purchased, May 4, 1879.

114. *Teius rufescens*, Günther. Red Teguexin.

Hab. Mendoza, rep. Arg.

a–*e*. Purchased, May 16, 1871. Typical specimens described by Günther, P. Z. S. 1871, p. 541.

Genus Ameiva.

115. *Ameiva dorsalis*, Gray. Dorsal Lizard.
Hab. St. Thomas.

a. Presented by Capt. Abbott, April 28, 1864.

Family LACERTIDÆ.

Genus Lacerta.

116. *Lacerta viridis*, Linn. Green Lizard.
Hab. Europe.

a–z^1. See Fifth Edition.
a^2, b^2. Presented by G. N. Smith, Esq., April 28, 1873.
c^2. Received in exchange, May 2, 1873. From Dalmatia.
d^2. Purchased, Jan. 16, 1874.
e^2. Presented by the Rev. S. Wilkinson, April 10, 1874.
f^2–o^2. Presented by G. E. Dredge, Esq., April 17, 1865.
p^2–t^2. Presented by A. Fraser, Esq., July 23, 1877.
u^2. Presented by G. F. Fenton, Esq., Aug. 31, 1877.
v^2. Deposited, March 6, 1878.
w^2–z^2. Presented by F. E. Lawder, Esq., May 3, 1878.
a^3. Presented by the Rev. S. R. Wilkinson, F.Z.S., Oct. 3 1879.
b^3. Deposited, Aug. 9, 1880.
c^3–e^3. Presented by E. H. Bland, Esq., April 22, 1881.
f^3, g^3. Presented by J. Wellford, Esq., May 16, 1881.
h^3, i^3. Received in exchange, May 18, 1881.
j^3–s^3. Presented by H. N. Moseley, Esq., F.Z.S., June 3 1881.
t^3, w^3. Presented by Claude Russell, Esq., Aug. 2, 1881.
v^3. Presented by the Misses Parry, Sept. 5, 1881.
w^3. Presented by J. Thorn, Esq., Sept. 30, 1881.
x^3. Deposited, April 26, 1882.

117. *Lacerta ocellata*, Daud. Eyed Lizard.
Hab. South Europe.

a–*j*. Presented by J. Braxton Hicks, M.D., Oct. 22, 1866.
k. Presented by W. Tait, Esq., May 30, 1870.
l. Presented by Capt. G. E. Shelley, F.Z.S., April 16, 1873.
m. Presented by T. Blackmore, Esq., June 5, 1873.
n, *o*. Purchased, July 3, 1873.
p–*t*. Purchased, April 16, 1880.

u. Presented by L. L. Fenton, Esq., May 22, 1880. From San Remo.
v. Presented by J. Wellford, Esq., April 26, 1881.
w. Presented by J. Wellford, Esq., May 16, 1881.
x–a^1. Purchased, July 25, 1882.

118. *Lacerta agilis*, Linn. Sand-Lizard.

Hab. Europe.

a. Presented by F. Coleman, Esq., April 30, 1865.
b–*k*. Presented by the Rev. C. Wolley, April 9, 1866.
l–*q*. Presented by F. Coleman, Esq., Oct. 2, 1870.
r–*u*. Presented by F. Coleman, Esq., May 9, 1872.
v–b^1. Purchased, April 30, 1874.
c^1. Presented by W. A. Forbes, Esq., May 2, 1874.
d^1–z^1. Presented by H. Negretti, Esq., March 10, 1876.
a^2–e^2. Presented by H. O. Forbes, Esq., F.Z.S., May 17, 1877.
f^2. Presented by Master W. L. Sclater, April 27, 1878.
g^2. Presented by Miss Flora Russell, Nov. 19, 1880.
h^2, i^2. Presented by J. T. Mann, Esq., Sept. 10, 1881.
j^2–o^2. Presented by Herr J. Schliger, Sept. 6, 1882.

119. *Lacerta vivipara*, Jacq. Common Lizard.

Hab. England.

a–*d*. Purchased, 1866.
e. Presented by Miss Flora Russell, Nov. 19, 1880.
f–*k*. Presented by J. T. Mann, Esq., Sept. 10, 1881.

120. *Lacerta muralis*, Merr. Wall-Lizard.

Hab. Europe.

a, *b*. Presented by F. Coleman, Esq., May 9, 1872.
c, *d*. Presented by G. F. Fenton, Esq., Aug. 31, 1877.
e. Presented by J. Lewis, Esq., Sept. 10, 1881.

121. *Lacerta lilfordi*, Günther. Lilford's Lizard.

Hab. Minorca.

a, *b*. Presented by Lord Lilford, F.Z.S., June 29, 1874. See P. Z. S. 1874, p. 494.

122. *Lacerta oxycephala*, D. & B. Sharp-headed Lizard.

Hab. Madeira.

a, *b*. Presented by Mr. A. D. Bartlett, Oct. 10, 1878.
c, *d*. Presented by H. J. Clements, Esq., Oct. 28, 1878.

123. *Lacerta nigro-punctata*, Dum. & Bibr. Black-spotted Lizard.
Hab. Calabria.
a. Received in exchange, Sept. 11, 1871.

Genus Psammodromus.

124. *Psammodromus hispanicus*, Fitz. Spanish Sand-Lizard.
Hab. Spain.
a, *b*. Presented by E. Cavendish Taylor, Esq., F.Z.S., April 16, 1873. From Tangiers.

Family ZONURIDÆ.

Genus Zonurus.

125. *Zonurus cordylus* (Linn.). Rough-scaled Lizard.
Hab. South Africa.
a–r. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882. From Robben Island.

126. *Zonurus derbianus*, Gray. Derbian Zonure.
Hab. South Africa.
a, *b*. Purchased, Aug. 8, 1881.

Genus Pleurostrichus.

127. *Pleurostrichus sepiformis* (Schneid.). Sepiform Lizard.
Hab. South Africa.
a–j. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882. From Robben Island.

Genus Pseudopus.

128. *Pseudopus pallasi* (Oppel). Glass Snake.
Hab. Dalmatia.
a–d. Purchased, 1854.
e–g. Purchased, July 26, 1869.
h–l. Received in exchange, May 11, 1871.
m. Deposited, June 10, 1876.
n–r. Deposited, Aug. 13, 1881.
s, *t*. Deposited, Oct. 5, 1881.

Genus Chamæosaura.

129. *Chamæosaura anguina*, Schn. Anguine Lizard.
Hab. South Africa.
a. Presented by Eustace Pillans, Esq., May 28, 1880.

Family SCINCIDÆ.

Genus Trachydosaurus.

130. *Trachydosaurus rugosus*, Gray. Stump-tailed Lizard.
Hab. New Holland.
a. Purchased, 1858.
b. Presented by the Rev. W. H. Hawker, F.Z.S., April 4, 1862.
c, *d*. Purchased, April 21, 1867.
e–h. Presented by the Directors of the Botanic Gardens, Adelaide, Feb. 16, 1869.
i. Presented by Capt. Clarke, March 6, 1869.
j. Presented by Dr. E. L. Mosse, R.N., Jan. 5, 1870.
k, *l*. Deposited, July 11, 1871.
m, *n*. Deposited, June 2, 1873.
o. Presented by N. Clements, Esq., June 8, 1874.
p. Purchased, March 23, 1877.
q. Presented by P. Saville, Esq., June 28, 1878.
r. Presented by Capt. J. Thomas, April 22, 1880.
s. Presented by F. O. Maitland, Esq., Feb. 23, 1881.

Genus Tropidolepisma.

131. *Tropidolepisma majus*, Gray. Large Tropidolepisma.
Hab. New South Wales.
a, *b*. Presented by George Macleay, Esq., F.Z.S., May 19, 1862.

Genus Silubosaurus.

132. *Silubosaurus stokesi*, Gray. Stokes's Lizard.
Hab. Australia.
a. Purchased, March 23, 1877.

Genus Macroscincus.

133. *Macroscincus cocteauii* (Dum. & Bibr.). Cocteau's Skink.

Hab. Cape-Verd Islands.

a, *b*. Presented by Prof. Barboza du Bocage, F.M.Z.S., Oct. 14, 1874. See P. Z. S. 1873, p. 703, et 1874, p. 495.

Genus Cyclodus.

134. *Cyclodus gigas* (Bodd.). Great Cyclodus.

Hab. Australia.

a. Purchased, 1856.
b. Presented by the Acclimatization Society of Victoria, March 31, 1864.
c. Purchased, April 19, 1866.
d–m. Bred in the Gardens, July 10, 1866.
n–s. Bred in the Gardens, June 12, 1867.
t–z. Bred in the Gardens, April 30, 1871.
a^1, b^1. Purchased, March 23, 1877.

135. *Cyclodus nigro-luteus* (Quoy & Gaim.). Black-and-yellow Cyclodus.

Hab. Tasmania.

a. Presented by W. S. Crowther, Esq., C.M.Z.S., July 15, 1870.
b. Presented by Mrs. Bills, Aug. 29, 1871.

136. *Cyclodus occipitalis*, Peters. Occipital Cyclodus.

Hab. Australia.

a. Presented by Dr. R. Schomburgk, June 13, 1870.

Genus Egernia.

137. *Egernia cunninghami*, Gray. Cunningham's Skink.

Hab. Australia.

a. Presented by the Acclimatization Society of Victoria, March 31, 1864.
b–e. Presented by J. C. Pearson, Esq., June 26, 1878.

Genus Plestiodon.

138. *Plestiodon auratus*, Schneid. Aldrovandi's Skink.
Hab. North-west Africa.

a–c. Purchased, June 15, 1870.
d–g. Purchased, June 7, 1873.
h, i. Purchased, Aug. 8, 1881.
j, k. Purchased, Aug. 2, 1882.

Genus Hinulia.

139. *Hinulia australis*, Gray. Australian Skink.
Hab. Australia.

a–o. Received, July 19, 1866.

140. *Hinulia whitei*, Gray. White's Skink.
Hab. Australia.

a–c. Purchased, July 31, 1874.

Genus Euprepes.

141. *Euprepes vittatus* (Oliv.). Streaked Euprepes.
Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882. From Robben Island.

Genus Anguis.

142. *Anguis fragilis*, Linn. Slowworm.
Hab. British Isles.

a–c. Presented by Dr. Bowerbank, F.Z.S., May 8, 1871.
d–f. Presented by F. Coleman, Esq., May 9, 1872.
g–j. Presented by G. N. Smith, Esq., April 28, 1873.
k. Presented by Capt. Salvin, June 19, 1873.
l. Presented by J. E. Ker, Esq., Sept. 9, 1874.
m. Presented by W. A. H. Bernhard Smith, Esq., Dec. 7, 1879.
n. Presented by L. Jeyes, Esq., April 3, 1880.
o. Presented by O. Thomas, Esq., F.Z.S., May 5, 1880.
p, q. Presented by J. Rubney, Esq., July 7, 1880.
r. Presented by L. C. Brook, Esq., July 18, 1880.
s. Presented by Mr. G. Mengee, May 23, 1881.

t. (White variety.) Presented by A. Phipson, Esq., Aug. 4, 1881.
u. Presented by J. Poyer Poyer, Esq., April 25, 1882.
v. Presented by J. Poyer Poyer, Esq., June 1, 1882.
w. Presented by Mr. Charles Taylor, Aug. 9, 1882.

Genus Seps.

143. *Seps ocellatus* (Forsk.). Ocellated Sand-Skink.

Hab. South Europe.

a. Purchased, Aug. 8, 1863.
b–h. Purchased, May 16, 1868.
i. Presented by Henry Denny, Esq., June 16, 1869.
j, k. Purchased, June 15, 1870.
l, m. Purchased, June 7, 1873.
n. Purchased, Aug. 7, 1873.
o–s. Presented by Lord Lilford, F.Z.S., June 29, 1874.
t–x. Deposited, June 29, 1874.
y. Presented by Messrs. Wylde, Beyts, and Co., July 24, 1882.

144. *Seps viridanus* (Gravenh.). Greenish Sand-Skink.

Hab. Teneriffe.

a–c. Purchased, June 15, 1870. See Günther, P. Z. S. 1871, p. 243.

145. *Seps tridactylus*, Laur. Three-toed Sand-Skink.

Hab. South Europe.

a–c. Presented by W. C. Tait, Esq., July 30, 1872. From Portugal.
d. Presented by J. C. J. Church, Esq., June 1, 1882.

Genus Scelotes.

146. *Scelotes bipes* (Linn.). Bipes.

Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8 1882. From Robben Island.

Genus Acontias.

147. *Acontias meleagris*, Cuv. Spotted Slowworm.
Hab. South Africa.

a. Purchased, April 23, 1879.
b–d[1]. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882. From Robben Island.

Family AGAMIDÆ.

Genus Calotes.

148. *Calotes ophiomachus* (Merr.). Galeote Lizard.
Hab. Ceylon.

a. Deposited, May 8, 1880.

Genus Lyriocephalus.

149. *Lyriocephalus scutatus* (Linn.). Knob-nosed Lizard.
Hab. Ceylon.

a–e. Presented by H. M. Moseley, Esq., March 11, 1872. See P. Z. S. 1872, p. 603.

Genus Amphibolurus.

150. *Amphibolurus barbatus* (Cuv.). Bearded Lizard.
Hab. Australia.

a. Purchased, March 14, 1864.
b. Purchased, June 15, 1866.
c. Purchased, March 2, 1870.
d. Purchased, Feb. 11, 1873.
e. Purchased, March 13, 1873.
f. Purchased, Nov. 4, 1880.

151. *Amphibolurus angulifer* (Gray). Lozenge-marked Lizard.
Hab. Australia.

a. Purchased, June 2, 1873.
b. Purchased, July 31, 1874.

Genus Agama.

152. *Agama ruderata*, Oliv. Variable Lizard.

Hab. Egypt.

a, *b*. Presented by E. C. Taylor, Esq., F.Z.S., May 2, 1870.
c, *d*. Presented by Mons. J. M. Cornély, C.M.Z.S., March 6, 1881.

153. *Agama colonorum* (Daud.). Spinose Lizard.

Hab. North-west Africa.

a. Purchased, June 7, 1873.
b–l. Received in exchange, Aug. 26, 1878.

154. *Agama occipitalis*, Gray. Occipital Lizard.

Hab. West Africa.

a. Presented by Lady Cust, June 29, 1873.

Genus Uromastix.

155. *Uromastix spinipes* (Daud.). Egyptian Mastigure.

Hab. North Africa.

a. Presented by John D. Carmichael, Esq., May 29, 1867.
b–e. Received in exchange, Aug. 28, 1869.
f. Presented by F. Bond, Esq., F.Z.S., April 11, 1870. From Laghouat, Algeria.
g, *h*. Received in exchange, Sept. 6, 1870.

156. *Uromastix microlepis*, Blanford. Small-scaled Mastigure.

Hab. Busreh, Persian Gulf.

a–c. Presented by Capt. Phillips, Aug. 4, 1874. See P. Z. S. 1874, pp. 495, 658, pl. LXXX.
d, *e*. Presented by Capt. Phillips, Oct. 31, 1878.
f–k. Presented by Capt. Burke, S.S. 'Arcot,' July 12, 1879.

157. *Uromastix hardwickii*, Gray. Hardwicke's Mastigure.

Hab. India.

a, *b*. Presented by Lieut.-Col. C. S. Sturt, C.M.Z.S., Dec. 23, 1874. See P. Z. S. 1875, p. 1.
c, *d*. Presented by Mr. William Jamrach, Nov. 18, 1880.

Genus Moloch.

158. *Moloch horridus*, Gray. Moloch Lizard.
Hab. Australia.

a. Presented by S. S. Travers, Esq., June 11, 1866.
b. Purchased, Aug. 20, 1866.

Family IGUANIDÆ.

Genus Iguana.

159. *Iguana tuberculata*, Laur. Tuberculated Iguana.
Hab. West Indies.

a. Purchased, Oct. 29, 1864.
b. Presented by Capt. Sawyer, Nov. 15, 1864.
c. Purchased, June 30, 1865.
d. Presented by Edward Greey, Esq., F.Z.S., Oct. 26, 1869.
e, *f*. Presented by F. Graham Briggs, Esq., May 12, 1870. From Nevis, West Indies.
g. Purchased, June 7, 1870.
h. Presented by F. Graham Briggs, Esq., Aug. 18, 1870. From Nevis, West Indies.
i. Purchased, Sept. 15, 1870.
j. Presented by J. M. Spence, Esq., F.Z.S., July 2, 1873. From Rodond's Island, West Indies.
k. Purchased, Oct. 17, 1873.
l, *m*. Purchased, Dec. 16, 1873.
n. Purchased, April 3, 1874.
o. Presented by Mr. W. Jamrach, June 8, 1874.
p. Purchased, April 14, 1875.
q. Purchased, July 17, 1875.
r. Purchased, Aug. 2, 1876.
s. Purchased, April 14, 1877.
t. Purchased, Jan. 14, 1878.
u. Purchased, Oct. 24, 1878.
v. Presented by Dr. A. Stradling, Jan. 16, 1879.
w. Presented by Dr. J. F. Chittenden, C.M.Z.S., April 2, 1879.
x. Presented by Dr. A. Stradling, June 14, 1879.
y. Presented by Dr. A. Stradling, Jan. 3, 1880.
z, *a*[1]. Purchased, May 4, 1880.

160. *Iguana delicatissima*, Laur. Naked-necked Iguana.
Hab. Tropical America.

a, *b*. Presented by T. Ross, Esq., July 3, 1868.
c. Purchased, March 15, 1871. From Nicaragua.

Genus Metopoceros.

161. *Metopoceros cornutus*, Wagl. Black Iguana.
Hab. West Indies.

a. Presented by J. B. Rowe, Esq., Sept. 19, 1871. See P. Z. S. 1871, p. 627.
b. Presented by J. Dutton, Esq., June 12, 1873.
c, *d*. Purchased, Aug. 10, 1876.
e. Purchased, Oct. 13, 1880.

Genus Polychrus.

162. *Polychrus anomalus*, Wiegm. Anomalous Polychrus.
Hab. Brazil.
a. Presented by Dr. Wucherer, C.M.Z.S., April 6, 1863.

163. *Polychrus marmoratus* (Dum. & Bibr.). Marbled Polychrus.
Hab. Brazil.

a. Presented by Dr. A.S tradling, C.M.Z.S., March 17, 1880.

Genus Anolis.

164. *Anolis cristatellus*, Dum. & Bibr. Crested Anolis.
Hab. West Indies.

a–j. Presented by Capt. Sawyer, Sept. 14, 1864.
k, *l*. Deposited, Sept. 30, 1864.

165. *Anolis cepedii*, Merrem. Barbadian Anolis.
Hab. Barbadoes.

a–j. Purchased, Aug. 3, 1880.

Genus Sceloporus.

166. *Sceloporus microlepidotus* (Wiegm.). Small-scaled Lizard.
Hab. Central America.

a. Presented by Mr. Jamrach, May 14, 1860.

167. *Sceloporus garmani*, Blgr. Garman's Lizard.

Hab. South-west Dakota.

a. Presented by Samuel Garman, Esq., Nov. 3, 1882. Typical specimen described by Boulenger, see P. Z. S. 1882, p. 720 et p. 761, pl. LVI.

Genus HOLBROOKIA.

168. *Holbrookia maculata*, Bd. Spotted Lizard.

Hab. North America.

a–f. Presented by Samuel Garman, Esq., Nov. 3, 1882. From S.W. Dakota.

Genus TARAGUIRA.

169. *Taraguira smithi*, Gray. Taraguira Lizard.

Hab. Brazil.

a. Presented by Dr. A. Stradling, June 14, 1879. From Bahia.
b, c. Presented by Dr. A. Stradling, C.M.Z.S., Dec. 3, 1881.

Genus CROTAPHYTUS.

170. *Crotaphytus wislizenii*, Baird et Gir. Wizlizen's Lizard.

Hab. New Mexico.

a. Presented by Lt.-Col. Ralph Vivian, F.Z.S., Feb. 18, 1879. See P. Z. S. 1879, p. 218.

Genus PHRYNOSOMA.

171. *Phrynosoma cornutum* (Harlan). Horned Lizard.

Hab. Texas.

a–c. Presented by the Rev. L. Glynn, June 15, 1870. From Indianola, Texas.
d–g. Presented by A. Sachtleben, Esq., July 11, 1871. From Galveston, Texas.
h. Deposited, June 25, 1872. From San Diego, California.
i. Presented by H. D. Harrison, Esq., July 30, 1872.
j, k. Purchased, June 12, 1873.
l, m. Presented by W. L. Brookes, Esq., June 21, 1873.
n–r. Deposited, Sept. 1, 1873.
s–u. Purchased, May 15, 1874.
v. Presented by F. Painter, Esq., July 27, 1874.

w. Presented by Baron George de Worms, F.Z.S., July 20, 1875.
x. Presented by W. Dawson, Esq., Nov. 8, 1875.
y. Presented by A. N. Shillingford, Esq., Oct. 5, 1876.
z. Presented by Mr. T. Clover, April 16, 1877.
a^1, b^1. Presented by W. A. Bowie, Esq., July 6, 1877.
c^1. Presented by J. C. Witte, Esq., June 10, 1878.
d^1, e^1. Presented by E. Loder, Esq., F.Z.S., May 23, 1879.
f^1–h^1. Presented by E. E. Sabel, Esq., F.R.G.S., Aug. 31, 1879.
i^1. Presented by Theo. S. Harris, Esq., July 19, 1880.
j^1. Presented by Mr. Luiz de Tavares Ozorio, Aug. 6, 1880.
k^1. Presented by Mrs. Budgett, Sept. 7, 1880.
l^1. Presented by W. C. Boyd, Esq., Oct. 19, 1880.
m^1, n^1. Presented by Miss Branscom, Nov. 3, 1880.
o^1. Presented by Capt. E. C. B. Walker, May 24, 1882.
p^1. Presented by D. Rowell, Esq., June 10, 1882.
q^1. Presented by Master C. E. Napier, July 4, 1882.
r^1. Presented by W. Pilcher, Esq., Sept. 13, 1882.

172. *Phrynosoma orbiculare*, Wiegm. Orbicular Horned Lizard.
Hab. Mexico.

a. Presented by A. Mapleson, Esq., Nov. 4, 1882.

173. *Phrynosoma douglassi* (Bell). Douglass's Horned Lizard.
Hab. North America.

a–h. Presented by Samuel Garman, Esq., Nov. 3, 1882. From S.W. Dakota.

Family CHAMÆLEONIDÆ.

Genus Chamæleon.

174. *Chamæleon vulgaris*, Daud. Common Chameleon.
Hab. North Africa.

a–z^2. See Fifth Edition.
a^3, b^3. Purchased, Oct. 6, 1871. From Bengal.
c^3. Presented by A. R. Rogers, Esq., Aug. 16, 1872.
d^3. Presented by J. W. Wood, Esq., Aug. 29, 1872.
e^3. Presented by Miss Morgan, Sept. 20, 1872.
f^3. Presented by G. Hollis, Esq., Sept. 27, 1872.
g^3–j^3. Purchased, July 2, 1873.
k^3. Purchased, July 28, 1873.

l^3–n^3. Presented by W. C. Hotham, Esq., Sept. 10, 1873.
o^3. Presented by Mr. F. Clark, July 11, 1874.
p^3. Presented by Mr. J. P. G. Bird, July 25, 1874.
q^3. Purchased, June 28, 1875.
r^3. Presented by F. Coleman, Esq., Oct. 12, 1875.
s^3. Presented by D. G. Wright, Esq., Aug. 11, 1877.
t^3. Deposited, Nov. 14, 1877.
u^3, v^3. Presented by G. H. Garrett, Esq., March 4, 1878.
w^3. Presented by W. W. Spicer, Esq., June 8, 1878.
x^3. Presented by C. F. Johnson, Esq., June 26, 1878.
y^3. Presented by G. A. Dodd, Esq., May 6, 1879.
z^3, a^4. Presented by A. Ely, Esq., Sept. 5, 1879. Cyprus.
b^4, c^4. Presented by Capt. Burke, Dec. 5, 1879.
d^4. Presented by Percy Howard, Esq., Aug. 12, 1880.
e^4. Presented by Percy Day, Esq., Sept. 30, 1880.
f^4. Purchased, Oct. 30, 1880.
g^4, h^4. Presented by J. Blackstone, Esq., F.Z.S., Feb. 7, 1880.
i^4. Deposited, Aug. 3, 1881.
j^4, k^4. Presented by A. R. Rogers, Esq., Sept. 1, 1881.
l^4–q^4. Purchased, Sept. 8, 1881.
r^4, s^4. Purchased, Aug. 2, 1882.
t^4, u^4. Presented by Mr. W. J. Ford, Nov. 8, 1882.

175. *Chamæleon senegalensis*, Daud. Senegal Chameleon.

Hab. West Africa.

a. Presented by J. Sexton, Esq., June 24, 1881.

176. *Chamæleon dilepis*, Leach. Flap-necked Chameleon.

Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.

177. *Chamæleon pumilus*, Latr. Dwarf Chameleon.

Hab. South Africa.

a–h. Deposited, May 9, 1870.
i–k. Presented by F. H. Smith, Esq., June 5, 1871.
l. Presented by Miss Siddons, May 27, 1873.
m. Presented by Dr. Reid, Dec. 8, 1880.
n, *o*. Presented by D. W. B. Swain, Esq., Sept. 16, 1881.
p. Presented by Major J. T. Hunt, Dec. 10, 1881.
q–v. Presented by Col. Hassard, R.E., Dec. 15, 1881.
w. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882.

Family AMPHISBÆNIDÆ.

Genus Blanus.

178. *Blanus cinereus* (Vandelli). Grey Amphisbæna.
Hab. Spain.

a. Presented by J. Goddard, Esq., March 13, 1877. See P. Z. S. 1877, p. 270.

Genus Amphisbæna.

179. *Amphisbæna alba*, Linn. White Amphisbæna.
Hab. South America.

a. Presented by Dr. A. Stradling, C.M.Z.S., Sept. 13, 1880. From Brazil.

180. *Amphisbæna fuliginosa*, Linn. Sooty Amphisbæna.
Hab. South America.

a. Presented by G. H. Hawtayne, Esq., C.M.Z.S., April 9, 1881. From British Guiana.

181. *Amphisbæna darwini*, Dum. & Bibr. Darwin's Amphisbæna.
Hab. South America.

a. Purchased, Jan. 16, 1879. From Monte Video. See P. Z. S. 1879, p. 146.

Genus Bronia.

182. *Bronia brasiliensis*, Gray. Brazilian Amphisbæna.
Hab. Brazil.

a. Presented by W. A. Forbes, Esq., C.M.Z.S., Sept. 13, 1880. From Parahyba do Norte, Brazil.

Genus Lepidosternum.

183. *Lepidosternum grayi*, Smith. Gray's Amphisbæna.
Hab. Brazil.

a. Presented by W. A. Forbes, Esq., F.Z.S., Aug. 17, 1880. From Pernambuco.

Order OPHIDIA.

Family TYPHLOPIDÆ.

Genus Typhlops.

184. *Typhlops nigro-albus*, Dum. & Bibr. Black-and-White Blind Snake.

Hab. Malacca.

a. Purchased, July 19, 1870. See P. Z. S. 1870, p. 668. From Singapore.

Family BOIDÆ.

Genus Python.

185. *Python sebæ* (Gm.). West-African Python.

Hab. West Africa.

a. Female. Purchased, 1849. See notice of the incubation of this individual, P. Z. S. 1862, p. 365.
b. Male. Purchased, April 18, 1859.
c. Presented by Dr. Marchisio, Dec. 18, 1863.
d. Purchased, July 21, 1864.
e. Purchased, Jan. 17, 1865.
f, g. Purchased, July 4, 1865.
h. Presented by Dr. W. A. Gardiner, Aug. 18, 1865.
i. Presented by Charles H. Cox, Esq., F.Z.S., June 21, 1869.
j. Presented by C. Czarnikow, Esq., F.Z.S., Oct. 4, 1869.
k. Presented by W. C. Small, Esq., Feb. 9, 1870.
l. Deposited, July 19, 1870.
m. Presented by I. Lloyd, Esq., Feb. 7, 1874.
n. Deposited, Aug. 13, 1874.
o. Presented by W. H. Berkeley, Esq., Dec. 8, 1875.
p. Deposited, Dec. 6, 1876.
q. Presented by L. Hart, Esq., July 28, 1877.
r. Presented by F. Lovell, Esq., Sept. 11, 1877.
s. Presented by J. J. Kendall, Esq., Sept. 19, 1877.
t. Presented by G. H. Garrett, Esq., June 13, 1879.
u. Deposited, June 21, 1879.
v. Received in exchange, March 25, 1880.
w. Presented by Dr. F. Speer, Sept. 28, 1880.
x, y. Deposited, Oct. 6, 1880.
z. Deposited, March 10, 1882

186. *Python regius* (Shaw). Royal Python.
Hab. West Africa.

a. Purchased, April 8, 1859.
b. Received in exchange, Feb. 6, 1868.
c. Purchased, May 5, 1868.
d, *e*. Presented by Mrs. T. Brassey, F.Z.S., Sept. 22, 1869.
f. Presented by Henry Wyatt, Esq., Nov. 2, 1872.
g. Presented by C. B. Mosse, Esq., C.M.Z.S., Sept. 14, 1874.
h. Presented by Capt. Cooper, Sept. 9, 1875.
i, *j*. Presented by J. J. Kendall, Esq., July 10, 1876.
k. Deposited, Dec. 6, 1876.
l. Presented by J. J. Kendall, Esq., Sept. 18, 1877.
m–*o*. Received in exchange, Oct. 8, 1879.
p. Presented by G. H. Garrett, Esq., Aug. 18, 1881.

187. *Python molurus* (Linn.). Indian Python.
Hab. India.

a. Purchased, Sept. 24, 1863.
b. Presented by Capt. A. Henley, 52nd Regt., Aug. 17, 1866.
c. Received, Aug. 17, 1866.
d. Deposited, April 4, 1870.
e. Presented by Mr. E. Climpson, April 20, 1870.
f. Received in exchange, April 26, 1870.
g. Presented by Capt. Raison, Aug. 28, 1874.
h. Presented by Mr. A. J. S. Ferris, March 31, 1875.
i. Presented by Dr. J. Shortt, May 19, 1875.
j. Presented by Mr. George Billett, July 7, 1879.
k. Presented by Capt. Laws, Aug. 17, 1882.

188. *Python bivittatus*. Two-streaked Python.
Hab. China.

a. Presented by C. J. Noble, Esq., Feb. 18, 1874. From Hong-Kong. (Dark specimen.) See P. Z. S. 1874, p. 151.

189. *Python reticulatus* (Schn.). Reticulated Python.
Hab. Malacca.

a. Presented by Dr. Hampshire, Aug. 29, 1876.
b. Purchased, June 30, 1879.

Genus Morelia.

190. *Morelia spilotes* (Lacép.). Diamond-Snake.

Hab. New South Wales.

a, *b*. Presented by Gerard Krefft, Esq., C.M.Z.S., Sept. 29, 1863.
c. Presented by the Acclimatization Society of Victoria, March 31, 1864.
d. Presented by Gerard Krefft, Esq., C.M.Z.S., July 21, 1866.
e. Purchased, May 2, 1870.
f. Presented by T. H. Vasey, Esq., Oct. 18, 1870.
g. Presented by H. Frieland, Esq., August 27, 1873.
h. Purchased, Oct. 24, 1877.
i. Presented by C. C. Skarratt, Esq., Sept. 13, 1881.

191. *Morelia variegata*, Gray. Carpet-Snake.

Hab. Queensland.

a. Purchased, March 11, 1867. See P. Z. S. 1867, p. 315.
b–d. Presented by J. Moseley, Esq., May 22, 1877.

Genus Boa.

192. *Boa constrictor*, Linn. Common Boa.

Hab. South America.

a–z. See Fifth Edition.
a^1, b^1. Presented by His Excellency G. W. Des Vœux, Oct. 28, 1871. From St. Lucia.
c^1. Presented by Dr. J. A. Palin, C.M.Z.S., Dec. 23, 1871.
d^1. Presented by John Beaton, Esq., Dec. 23, 1871.
e^1. Purchased, Jan. 28, 1872. From Colon.
f^1. Purchased, April 14, 1872. From Panama.
g^1. Purchased, June 28, 1872. From Columbia.
h^1. Presented by R. Collin, Esq., Aug. 26, 1872.
i^1, j^1. Presented by Neville Holland, Esq., Nov. 24, 1874. From St. Lucia.
k^1. Presented by Capt. E. C. Kemp, Dec. 12, 1874.
l^1. Purchased, March 19, 1875.
m^1. Purchased, July 17, 1875.
n^1. Presented by Dr. Wood, Oct. 16, 1875.
o^1, p^1. Presented by G. W. Des Vœux, Esq., April 14, 1876.
q^1. Purchased, June 16, 1876.
r^1. Presented by F. B. Bloxham, Esq., Sept. 19, 1876.
s^1. Purchased, Oct. 31, 1876.
t^1. Purchased, March 23, 1877.
u^1–o^2. Born in the Gardens, June 30, 1877.

p^2. Presented by Miss A. Leith, Nov. 21, 1877.
q^2. Presented by Capt. Moir, June 10, 1878.
r^2. Purchased, June 25, 1878.
s^2. Presented by Dr. A. Stradling, Aug. 6, 1878.
t^2. Presented by D. W. Bell, Esq., Oct. 31, 1878.
u^2, v^2. Deposited, April 2, 1879.
w^2. Purchased, May 3, 1879.
x^2. Presented by Dr. A. Stradling, July 1, 1879.
y^2–a^3. Presented by W. Young, Esq., Nov. 1, 1879.
b^3, c^3. Purchased, June 11, 1880. From Savanilla.
d^3. Deposited, Oct. 6, 1880.
e^3, f^3. Purchased, June 1, 1881.
g^3. Presented by G. H. Hawtayne, Esq., C.M.Z.S., July 28, 1881. From Demerara.
h^3, i^3. Deposited, Aug. 8, 1882.

193. *Boa eques*, Eyd. & Soul. Peruvian Boa.

Hab. Ecuador.

a. Presented by Prof. William Nation, of Lima, C.M.Z.S., March 18, 1867. See P. Z. S. 1867, p. 315.

Genus Corallus.

194. *Corallus hortulanus* (Linn.). Tree-Boa.

Hab. South America.

a. Purchased, May 5, 1869.
b. Purchased, Aug. 28, 1869.
c. Purchased, Dec. 6, 1870. From Mexico.
d. Received in exchange, Oct. 18, 1871. From the West Indies.
e. Received in exchange, June 17, 1876.

Genus Eunectes.

195. *Eunectes murinus* (Linn.). Anaconda.

Hab. South America.

a. Purchased, Feb. 8, 1864.
b, *c*. Purchased, Oct. 4, 1865.
d. Purchased, July 25, 1867.
e. Purchased, June 7, 1869.
f. Purchased, June 12, 1875.
g. Purchased, Feb. 15, 1877.
h. Received in exchange, March 21, 1878.
i. Purchased, Oct. 24, 1878.
j. Received in exchange, April 2, 1879.
k. Presented by G. H. Hawtayne, Esq., May 1, 1879.

l. Presented by Capt. E. Ball, Oct. 1, 1879.
m. Purchased, Nov. 15, 1879.
n. Purchased, Aug. 3, 1880.

Genus Epicrates.

196. *Epicrates angulifer*, Dum. & Bibr. Pale-headed Tree-Boa.

Hab. Cuba.

a–d. Purchased, Jan. 25, 1865.
e. Presented by A. L. Schütte, Esq., June 30, 1877.
f–h. Hybrids between a female of this species and male *Chilobothrus inornatus*. Born in the Menagerie, Aug. 30, 1878. See P. Z. S. 1878, p. 789.
i, j. Hybrids between a male of this species and a female *Chilobothrus inornatus*. Born in the Menagerie, Sept. 9, 1879.

197. *Epicrates cenchris* (Linn.). Thick-necked Tree-Boa.

Hab. West Indies.

a. Purchased, May 13, 1870.
b. Presented by G. H. Hawtayne, Esq., July 31, 1880.
c. Presented by Dr. A. Stradling, C.M.Z.S., Jan. 4, 1881.

Genus Pelophilus.

198. *Pelophilus madagascariensis*, Dum. & Bibr. Madagascar Boa.

Hab. Madagascar.

a. Purchased, Aug. 15, 1877.
b. Presented by Canon G. Ogilvy, May 4, 1879.
c–g. Deposited, Sept. 2, 1882.
h, i. Purchased, Sept. 2, 1882.

Genus Chilobothrus.

199. *Chilobothrus inornatus* (Reinh.). Yellow Snake.

Hab. Jamaica.

a, b. Presented by Dr. Bowerbank, Oct. 17, 1855.
c–e. Presented by Capt. Abbott, June 14, 1864.
f. Presented by Capt. Hammack, April 13, 1865.
g. Presented by Joseph Smith, Esq., June 2, 1870.
h–q. Born in the Menagerie, Aug. 6, 1873.
r. Purchased, March 2, 1878.
s. Deposited, Aug. 6, 1878.
t, u. Presented by Chas. B. Mosse, Esq., June 29, 1881.

Genus Eryx.

200. *Eryx jaculus*, Daud. Egyptian Eryx.
Hab. Egypt.

a. Purchased, Aug. 8, 1863.

201. *Eryx thebaicus*, Reuss. Shielded Eryx.
Hab. North Africa.

a, *b*. Purchased, Aug. 16, 1870. From Mogador.

202. *Eryx johni* (Russell). Indian Eryx.
Hab. India.

a. Purchased, Jan. 10, 1865.
b. Purchased, May 17, 1873.
c, *d*. Purchased, March 5, 1875.
e. Presented by Dr. J. Shortt, May 19, 1875.

Family TORTRICIDÆ.

Genus Tortrix.

203. *Tortrix scytale*, Oppell. Coral Snake.
Hab. Demerara.

a. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Aug. 5, 1879. From Demerara.

Family CALAMARIIDÆ.

Genus Rhinostoma.

204. *Rhinostoma cupreum*, Günther. Coppery Snake.
Hab. Africa.

a. Purchased, April 23, 1879.

Genus Homalocranium.

205. *Homalocranium melanocephalum* (Linn.). Black-headed Snake.
Hab. South America.

a. Purchased, Oct. 24, 1878.

Genus Homalosoma.

206. *Homalosoma lutrix* (Linn.). Smooth-bellied Snake.

Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Aug. 26, 1878.
b. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Jan. 8, 1881.

Family COLUBRIDÆ.

Genus Ablabes.

207. *Ablabes punctatus* (Linn.). Punctured Snake.

Hab. North America.

a–c. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.

208. *Ablabes rufulus* (Licht.). Rufous Snake.

Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, Dec. 2, 1876.

Genus Psammophylax.

209. *Psammophylax rhombeatus* (Linn.). Rhomb-marked Snake.

Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, June 7, 1876.
b. Presented by the Rev. G. H. R. Fisk, Feb. 1, 1877.
c. Presented by the Rev. G. H. R. Fisk, Dec. 4, 1878.
d. Presented by Eustace Pillans, Esq., Jan. 9, 1880.
e. Presented by H. Pillans, Esq., Dec. 12, 1882.
f. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 22, 1882.

Genus Tachymenis.

210. *Tachymenis vivax*, Fitz. Vivacious Snake.

Hab. Southern Europe.

a. Presented by Lord Lilford, F.Z.S., July 6, 1878. From Montenegro.
b–n. Deposited, July 22, 1880.

Genus Coronella.

211. *Coronella lævis*, Lacép. Smooth Snake.

Hab. Europe.

a. Presented by Gent. Cadet Fenton, Aug. 1862.
b. Purchased, July 2, 1863.
c. Presented by John Pares, Esq., Sept. 13, 1864.
d. Purchased, Sept. 7, 1865. From Germany.
e. Presented by the Rev. C. Wolley, April 9, 1866.
f. Presented by W. Penny, Esq., June 26, 1867.
g. Presented by W. Penny, Esq., Aug. 25, 1868.
h–m. Received in exchange, Sept. 21, 1868.
n. Presented by the Rev. A. C. Hervey, April 24, 1874.
o. Purchased, June 16, 1875.
p. Presented by Lord Lilford, F.Z.S., June 6, 1877.
q. Presented by G. F. Fenton, Esq., July 19, 1877.
r, *s*. Purchased, July 19, 1878.
t. Purchased, July 16, 1879. From Hampshire.
u. Presented by — Dart, Esq., Aug. 21, 1879.
v. Born in the Menagerie, Nov. 21, 1879.
w. Presented by T. J. Mann, Esq., June 1, 1880. From Hampshire.
x. Presented by W. Penny, Esq., June 11, 1880. From Dorsetshire.
y. Presented by D. Tober, Esq., Oct. 6, 1880.
z, *a*^{1}. Presented by J. T. Mann, Esq., Sept. 10, 1881.
b^1. Presented by W. Penny, Esq., April 1, 1882. From Dorsetshire.
c^1. Presented by W. Penny, Esq., Aug. 2, 1882. From Dorsetshire.
d^1. Received in exchange, Sept. 5, 1882. From Germany.

212. *Coronella girondica*, Daud. Bordeaux Snake.

Hab. South Europe.

a. Presented by Lieut. L. L. Fenton, May 22, 1880. From San Remo, Italy.
b. Presented by J. Wellford, Esq., May 16, 1881.
c. Deposited, May 26, 1882.

213. *Coronella cucullata* (Dum. & Bibr.). Hooded Snake.

Hab. North-west Africa.

a. Purchased, June 15, 1870.

214. *Coronella cana* (Linn.). Hoary Snake.

Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 25, 1861.
b. Presented by H. Pybus, Esq., May 20, 1875.
c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Feb. 1, 1877.
d. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Jan. 27, 1878.
e. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., July 8, 1882.
f. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 22, 1882.

215. *Coronella multimaculata*, Sm. Many-spotted Snake.

Hab. South Africa.

a. Presented by Eustace Pillans, Esq., April 19, 1880.

216. *Coronella phocarum*, Günth. Robben-Island Snake.

Hab. Robben Island, South Africa.

a. Presented by the Rev. G. H. R. Fisk, Sept. 24, 1872. See Günther, P. Z. S. 1872, pp. 795 & 836.
b, *c*. Presented by the Rev. G. H. R. Fisk, Aug. 29, 1873. See P. Z. S. 1873, p. 683.
d–f. Presented by the Rev. G. H. R. Fisk, Nov. 4, 1873.
g. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Sept. 24, 1877.
h. Presented by Messrs. Rice and A. Jamrach, Jan. 1, 1878.
i. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Jan. 9, 1880.
j. Presented by W. Porter, Esq., Feb. 12, 1880.
k. Purchased, April 7, 1880.
l–p. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Oct. 1, 1881.

217. *Coronella sayi* (Dekay). Say's Snake.

Hab. North America.

a. Purchased, Oct. 15, 1869.
b. Purchased, Dec. 6, 1870. From Mexico.
c–e. Presented by Samuel Garman, Esq., Nov. 3, 1882. From S.W. Dakota.

Genus Liophis.

218. *Liophis merremi* (Max.). Merrem's Snake.

Hab. Monte Video.

a. Purchased, Jan. 17, 1874.
b. Purchased, Dec. 24, 1878.
c, *d*, *e*. Purchased, Jan. 16, 1879.

219. *Liophis cobella* (Linn.). Cobella Snake.

Hab. South America.

a. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Aug. 5, 1879. From Demerara.

Genus Erythrolamprus.

220. *Erythrolamprus venustissimus* (Max.). Red-and-Black Snake.

Hab. South America.

a. Presented by Dr. Chyne, May 2, 1871. From Mexico.
b. Purchased, Sept. 16, 1872. From Panama.
c. Purchased, July 10, 1875.

Genus Xenodon.

221. *Xenodon rhabdocephalus* (Max.). Long-headed Snake.

Hab. Brazil.

a. Presented by Dr. Wucherer, C.M.Z.S., Nov. 1868.
b. Presented by Dr. A. Stradling, C.M.Z.S., Sept. 13, 1880.
c. Presented by Dr. A. Stradling, C.M.Z.S., June 21, 1881.

Genus Tropidonotus.

222. *Tropidonotus natrix* (Linn.). Common Snake.

Hab. British Islands.

a–d. Presented by Dr. Bowerbank, F.Z.S., May 8, 1871.
e–f. Variety. Purchased, June 6, 1871.
g–h. Var. *siculus*. Received in exchange, Sept. 11, 1871. From Calabria.
i. Presented by E. E. Hooper, Esq., June 22, 1872.
j. Presented by J. Roach, Esq., Aug. 16, 1872.

k. Presented by A. J. Woodhouse, Esq., Aug. 16, 1872.
l. Presented by G. N. Smith, Esq., April 28, 1873.
m–t. Born in the Menagerie, June 29, 1873.
u. Presented by Mr. T. Lusini, Aug. 18, 1874.
v. Deposited, Oct. 7, 1875.
w, *x*. Presented by G. F. Fenton, Esq., July 19, 1877. From North Italy.
y. Presented by H. Smith, Esq., May 6, 1878.
z. Var. *siculus*? Deposited, Oct. 5, 1880.
a^1, b^1. Presented by J. Poyer Poyer, Esq., April 15, 1881.
c^1. Presented by H. Dawson, Esq., Nov. 26, 1881.
d^1, e^1. Presented by Lord Londesborough, F.Z.S., May 8, 1882.
f^1. Presented by J. Poyer Poyer, Esq., June 1, 1882.

223. *Tropidonotus tigrinus*, Boie. Tigrine Snake.

Hab. Japan.

a–c. Presented by Messrs. J. Veitch & Son, and Mr. Charles Maries, Jan. 6, 1880.

224. *Tropidonotus viperinus* (Merr.). Viperine Snake.

Hab. North Africa.

a. Purchased, June 15, 1870.
b–e. Presented by G. H. Fenton, Esq., July 1, 1874.
f–k. Presented by L. L. Fenton, Esq., May 22, 1880.
l–n. Deposited, May 13, 1881.
o–r. Presented by J. Wellford, Esq., May 16, 1881.

225. *Tropidonotus ferox* (Günther). Fierce Snake.

Hab. West Africa.

a. Purchased, July 16, 1863. See P. Z. S. 1863, p. 378; also Günther, Ann. & Mag. N. H. ser. 3, vol. xii. p. 355.

226. *Tropidonotus quincunciatus* (Schleg.). India River-Snake.

Hab. India.

a. Purchased, July 4, 1861.
b, *c*. Purchased, April 15, 1882.

227. *Tropidonotus vittatus* (Linn.). Long-banded Snake.

Hab. India.

a–d. Received in exchange, July 31, 1878.

228. *Tropidonotus ordinatus*, Linn. Garter-Snake.

Hab. North America.

a–d. Presented by A. Downs, Esq., C.M.Z.S., Oct. 2, 1863.
e, f. Purchased, July 22, 1868.
g–m. Presented by A. Downs, Esq., C.M.Z.S., Aug. 26, 1869.
n. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.
o. Presented by A. Forrer, Esq., Aug. 20, 1873. Var. *infernalis*. From California.

229. *Tropidonotus sirtalis* (Linn.). Striped Snake.

Hab. North America.

a. Presented by Samuel Garman, Esq., Nov. 3, 1882.

230. *Tropidonotus fasciatus* (Linn.). Mocassin Snake

Hab. North America.

a, b. Purchased, Oct. 15, 1869.
c, d. Purchased, Aug. 6, 1872.
e. Purchased, July 26, 1876.
f–s. Born in the Gardens, Dec. 21, 1877.
t–a^1. Born in the Gardens, Sept. 26, 1878.
b^1. Born in the Gardens, Dec. 5, 1881.
c^1, *d*^{1}. Born in the Gardens, Aug. 4, 1882.

231. *Tropidonotus leberis* (Linn.). Seven-banded Snake.

Hab. North America.

a, b. Purchased, Aug. 6, 1872.
c–i. Bred in the Gardens, Aug. 27, 1872.
j–n. Purchased, July 9, 1878.
o–t. Bred in the Gardens, May 9, 1879.
u–h^1. Bred in the Gardens, Feb. 17, 1880.
i^1*–c*^{2}. Bred in the Gardens, Dec. 10, 1880.

Genus Ischnognathus.

232. *Ischnognathus occipito - maculatus* (Storer). Spotted-headed Snake.

Hab. Nova Scotia.

a–f. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.

233. *Ischnognathus dekayi*, Holbr. Dekay's Snake.

Hab. North America.

a. Purchased, Nov. 15, 1880.

Genus Tretanorhinus.

234. *Tretanorhinus nigroluteus*, Cope. Black-and-Yellow Snake.
Hab. Central America.

a. Purchased, Sept. 12, 1871. From Monkey Hill, near Colon. See Günther, Ann. & Mag. N. H. ser. 4, vol. ix. p. 27.

Genus Heterodon.

235. *Heterodon platyrhinos*, Lath. Hog-nosed Snake.
Hab. North America.

a. Presented by Dr. F. Painter, F.Z.S., May 17, 1877.

236. *Heterodon d'orbignyi*, Dum. & Bibr. D'Orbigny's Snake.
Hab. South America.

a. Purchased, Oct. 24, 1878.
b. Presented by Dr. A. Stradling, C.M.Z.S., June 21, 1881.

237. *Heterodon madagascariensis*, Dum. & Bibr. Sharp-snouted Snake.
Hab. Madagascar.

a. Presented by E. Newton, Esq., C.M.Z.S., Nov. 27, 1863.

Genus Pituophis.

238. *Pituophis catenifer* (Blainv.). Chained Snake.
Hab. California.

a. Presented by A. Forrer, Esq., Aug. 20, 1873.

Genus Rhinechis.

239. *Rhinechis scalaris*, Schinz. Back-marked Snake.
Hab. Southern Europe.

a. Purchased, June 9, 1879.
b. Presented by G. A. Boulenger, Esq., July 1, 1882.

Genus Coluber.

240. *Coluber æsculapii,* Sturm. Æsculapian Snake.

Hab. Central Europe.

a–d. Received in exchange, Sept. 21, 1868.
e, f. Purchased, June 6, 1871. From Dalmatia.
g. Presented by G. F. Fenton, Esq., Aug. 31, 1877.
h. Presented by L. L. Fenton, Esq., May 22, 1880. From San Remo.
i. Presented by Lord Arthur Russell, M.P., July 20, 1882.

241. *Coluber quadrilineatus,* Pall. Four-lined Snake.

Hab. Europe and Asia.

a, b. Purchased, Aug. 8, 1863.
c. Presented by A. C. Wright, Esq., May 23, 1873. From Malta.
d. Presented by Lord Lilford, Aug. 21, 1876.
e. Deposited, Feb. 27, 1878.
f. Presented by Lord Lilford, July 6, 1878.
g. Deposited, July 22, 1880. Var. *leopardinus.*

242. *Coluber guttatus,* Linn. American Black Snake.

Hab. North America.

a, b. Purchased, June 28, 1867.
c. Purchased, Sept. 21, 1874.

Genus Elaphis.

243. *Elaphis quaterradiatus* (Gm.). Four-rayed Snake.

Hab. Southern Europe.

a. Presented by Lord Lilford, F.Z.S., July 6, 1878. From Dalmatia.
b–e. Deposited, July 22, 1880.
f. Presented by Capt. Adams, Aug. 1, 1882.

Genus Spilotes.

244. *Spilotes variabilis* (Max.). South-American Rat-Snake.

Hab. South America.

a. Presented by Dr. Wucherer, C.M.Z.S., Sept. 1860.
b. Presented by Mr. Hounslow, Nov. 5, 1869.
c. Purchased, June 28, 1870.

d. On approval, April 13, 1878.
e, *f*. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Oct. 30, 1878.
g. Presented by Mr. George Billett, July 7, 1879.
h. Presented by Thomas Horrod, Esq., Nov. 20, 1879.
i. Presented by G. H. Hawtayne, Esq., C.M.Z.S., May 28, 1880.

245. *Spilotes pœcilostoma*, Wied. Cananina Snake.

Hab. South America.

a. Purchased, Nov. 12, 1878.

Genus ZAMENIS.

246. *Zamenis atrovirens* (Shaw). Dark-green Snake.

Hab. Dalmatia.

a. Purchased, Dec. 29, 1862.
b. Purchased, Aug. 8, 1863.
c. Purchased, Aug. 16, 1870. From Mogadore.
d. Presented by C. A. Wright, Esq., May 27, 1871. From Malta.
e–h. Purchased, June 6, 1871.
i–k. Received in exchange, Sept. 11, 1871. From Calabria.
l. Presented by C. A. Wright, Esq., May 23, 1873. From Malta.
m–o. Presented by Lord Lilford, F.Z.S., Aug. 22, 1876. Dalmatia.
p. Presented by Lord Lilford, July 6, 1878. Var. *carbonarius*. From Dalmatia.
q. Deposited, May 26, 1882.

247. *Zamenis hippocrepis* (Linn.). Horseshoe-Snake.

Hab. South Europe and North Africa.

a. Purchased, Sept. 7, 1865.
b, *c*. Purchased, June 15, 1870.
d. Purchased, Aug. 16, 1870. From Mogadore.
e. Purchased, Dec. 3, 1872.
f. Presented by Sir John Drummond Hay, K.C.B., March 5, 1873. From Morocco.
g, *h*. Presented by Capt. T. R. Bone, June 21, 1873.
i. Presented by Mr. C. Bartlett, May 14, 1876.
j. Presented by Lord Lilford, July 6, 1878.
k. Presented by C. Verne, Esq., Oct. 29, 1878.

248. *Zamenis cliffordi* (Schleg.). Clifford's Snake.
Hab. North Africa.

a. Purchased, Aug. 8, 1863.
b, *c*. Purchased, Aug. 16, 1870. From Mogadore.
d. Presented by Mrs. E. Liveing, June 19, 1873.

249. *Zamenis ventrimaculatus*. Spot-bellied Snake.
Hab. Central Asia and North Africa.

a. Purchased, July 14, 1882. From Persia.
b–l. Presented by Messrs. Wylde, Beyts, and Co., July 24, 1882. From Arabia.

250. *Zamenis caudilineatus*, Günth. Lineated Snake.
Hab. Asia Minor.

a. Purchased, June 10, 1882.

251. *Zamenis dahli*, Sav. Dahl's Snake.
Hab. Dalmatia.

a–d. Presented by Lord Lilford, F.Z.S., Aug. 21, 1876.
e–h. Deposited, July 22, 1880.

Genus Ptyas.

252. *Ptyas testacea* (Say). Testaceous Snake.
Hab. California.

a, *b*. Presented by A. Forrer, Esq., Aug. 20, 1873.

253. *Ptyas mucosa* (Linn.). Indian Rat-Snake.
Hab. India.

a. Presented by the Babu Rajendra Mullick, C.M.Z.S., July 14, 1857.
b. Presented by Dr. Shortt, F.Z.S., May 19, 1875.
c. Purchased, July 11, 1867.
d–f. Presented by Dr. Shortt, F.Z.S., May 19, 1875.
g–j. Received in exchange, July 31, 1878.
l–o. Purchased, March 3, 1881.

Genus Geoptyas

254. *Geoptyas collaris*, Steindachner. Neck-marked Snake.
Hab. Brazil.

a. Purchased, April 5, 1879.

Genus Cyclophis.

255. *Cyclophis vernalis* (Dekay). Grass-Snake.
Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., Oct. 2, 1863.
b–g. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.
h–i. Deposited, May 2, 1873. From Dalmatia.
j. Presented by F. Painter, Esq, Sept. 17, 1874.

Genus Philodryas.

256. *Philodryas viridissimus* (Linn.). All-green Tree-Snake.
Hab. South America.

a, *b*. Purchased, June 1859.

257. *Philodryas reinhardti*, Günther. Reinhardt's Tree-Snake.
Hab. Bahia, Brazil.

a. Deposited by Dr. Wucherer, C.M.Z.S., 1861.

258. *Philodryas serra* (Schleg.). Saw-marked Snake.
Hab. Brazil.

a. Presented by Dr. A. Stradling, C.M.Z.S., March 17, 1880.

Genus Dromicus.

259. *Dromicus antillensis*, Schleg. Antillean Snake.
Hab. St. Thomas's, West Indies.

a, *b*. Presented by Capt. Abbott, April 28, 1864.
c. Presented by Edward Greey, Esq., F.Z.S., March 17, 1865.

260. *Dromicus fugitivus* (Donnd.). Fugitive Snake.
Hab. St. Lucia.

a. Purchased, Aug. 14, 1876.

Family HOMALOPSIDÆ.

Genus Fordonia.

261. *Fordonia unicolor*, Gray. Uniform Water-Snake.
Hab. India.

a. Purchased, Nov. 29, 1880. See P. Z. S. 1880, p. 648.

Family PSAMMOPHIIDÆ.

Genus Psammophis.

262. *Psammophis crucifer* (Merr.). Crossed Snake.
Hab. South Africa.

a. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Aug. 26, 1878.
b. Purchased, April 23, 1879.
c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 22, 1882.

263. *Psammophis sibilans* (Linn.). Hissing Sand-Snake.
Hab. South Africa.

a. Presented by H.E. Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.
b, c. Presented by C. B. Mosse, Esq., C.M.Z.S., July 4, 1872. From West Coast of Africa.
d. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 17, 1878.

264. *Psammophis elegans*, Shaw. Slender Sand-Snake.
Hab. West Coast of Africa.

a–c. Presented by C. B. Mosse, Esq., C.M.Z.S., July 4, 1872.
d. Purchased, June 21, 1873.

Genus Cœlopeltis.

265. *Cœlopeltis lacertina* (Geoffr.). Lacertine Snake.
Hab. South Europe and North Africa.

a. Purchased, Feb. 8, 1870.
b. Purchased, June 15, 1870.
c–e. Purchased, June 6, 1871. From Dalmatia.
f, *g*. Deposited, Sept. 1, 1871. From Southern Europe.
h. Presented by Sir John Drummond Hay, K.C.B., March 5, 1873. From Morocco.
i–l. Presented by Capt. T. R. Bone, June 21, 1873.
m, *n*. Presented by Lord Lilford, July 6, 1878. From Tripoli.
o. Presented by Commander J. Pratt, June 15, 1879.
p. Purchased, Oct. 7, 1879.
q. Deposited, July 22, 1880.
r. Deposited, Oct. 5, 1880.
s–u. Presented by J. Wellford, Esq., May 16, 1881.
v. Presented by G. A. Boulenger, Esq., July 1, 1882.

Family DENDROPHIIDÆ.

Genus Bucephalus.

266. *Bucephalus capensis* (Thunb.). Cape Bucephalus.
Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.
b. Received in exchange, Aug. 26, 1878.
c. Presented by C. B. Pillans, Esq., Sept. 23, 1880.

Genus Chrysopelea.

267. *Chrysopelea ornata* (Shaw). Ornamented Tree-Snake.
Hab. India.

a. Presented by A. W. W. Baudernaike, Esq., July 1, 1861.
b. Purchased, Aug. 30, 1873.

Genus Ahætulla.

268. *Ahætulla liocercus*. Banded-tailed Tree-Snake.
Hab. Pernambuco.

a. Presented by C. A. Craven, Esq., June 22, 1882.

Family DRYOPHIIDÆ.

Genus Passerita.

269. *Passerita mycterizans* (Linn.). Long-snouted Snake.

Hab. Southern India.

a. Presented by O. Howell, Esq., Aug. 6, 1868.
b. Presented by H. N. Moseley, Esq., March 11, 1872. From Ceylon.
c–g. Presented by J. Shortt, F.Z.S., May 19, 1875.
h–j. Received in exchange, July 31, 1878.
k. Presented by H. H. Black, Esq., March 21, 1881.

Genus Dryiophis.

270. *Dryiophis acuminata* (Wied.). Pointed Tree-Snake.

Hab. Brazil.

a. Presented by Dr. A. Stradling, C.M.Z.S., Sept. 13, 1880.

Family DIPSADIDÆ.

Genus Leptodira.

271. *Leptodira rufescens* (Gm.). Rufescent Snake.

Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 28, 1861. See P. Z. S. 1861, p. 209.
b. Presented by the Rev. G. H. R. Fisk, June 6, 1874. From the Cape Flats, near Rondebosch.
c. Presented by the Rev. G. H. R. Fisk, Dec. 2, 1876.
d–f. Presented by the Rev. G. H. R. Fisk, Dec. 4, 1878.
g–j. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Jan. 9, 1880.
k. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Sept. 6, 1880.
l. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Jan. 8, 1881.

272. *Leptodira annulata* (Linn.). Annulated Snake.

Hab. Panama.

a. Purchased, Jan. 29, 1871. See P. Z. S. 1871, p. 102.
b. Purchased, Sept. 13, 1872.
c. Purchased, Dec. 1, 1872.
d. Presented by Mr. H. B. Whitmarsh, March 17, 1875.
e. Presented by R. T. Davis, Esq., Aug. 26, 1879.
f. Purchased, Nov. 15, 1880.
g. Purchased, July 11, 1882.
h. Presented by R. S. Seabrooke, Esq., Nov. 25, 1882.

Family SCYTALIDÆ.

Genus Oxyrrhopus.

273. *Oxyrrhopus fitzingeri* (Tsch.). Fitzinger's Snake.

Hab. Western Peru.

a. Presented by Prof. Nation, of Lima, C.M.Z.S., June 15, 1867.

274. *Oxyrrhopus doliatus,* Dum. & Bibr. Square-spotted Snake.

Hab. South America.

a. Presented by J. L. Moore, Esq., Feb. 16, 1876.
b. Presented by H. Colgate, Esq., Sept. 15, 1879.
c. Deposited, March 17, 1880.

275. *Oxyrrhopus plumbeus* (Wied.). Plumbeous Snake.

Hab. South America.

a. Purchased, Oct. 24, 1878.
b. Presented by Dr. Arthur Stradling, C.M.Z.S., Dec. 3, 1881.

Family LYCODONTIDÆ.

Genus Lamprophis.

276. *Lamprophis aurora* (Linn.). Aurora Snake.
Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 25, 1861. See P. Z. S. 1861, p. 209.
b. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 4, 1878.

Genus Boodon.

277. *Boodon lineatus* (Dum. & Bibr.). Lineated Boodon.
Hab. South Africa.

a. Presented by Sir G. Grey, K.C.B., May 28, 1861. See P. Z. S. 1861, p. 209.
b. Purchased, April 23, 1879.

Family ELAPIDÆ.

Genus Hoplocephalus.

278. *Hoplocephalus superbus,* Günther. Superb Death-Adder.
Hab. Australia.

a–c. Presented by Edward Wilson, Esq., May 1860.

Genus Pseudechis.

279. *Pseudechis porphyriaca* (Shaw). Purplish Death-Adder.
Hab. Australia.

a–c. Presented by Edward Wilson, Esq., May 1860.

Genus Ophiophagus.

280. *Ophiophagus bungarus* (Schlegel). Hamadryad.
Hab. India.

a. Purchased, March 5, 1875. See P. Z. S. 1875, p. 316.

Genus Bungarus.

281. *Bungarus cæruleus* (Schn.). Blue Adder.

Hab. India.

a. Purchased, June 3, 1868.

Genus Naia.

282. *Naia tripudians* (Merr.). Indian Cobra.

Hab. India.

a. Purchased, May 24, 1862.
b. Purchased, July 11, 1870.
c. Purchased, March 5, 1875.
d. Presented by Dr. John Shortt, May 19, 1875.
e–j. Deposited, June 30, 1875.
k. Received in exchange, Aug. 29, 1875.
l, m. Presented by Sir J. Fayrer, G.S.I., F.Z.S., Oct. 13, 1876.
n, o. Received in exchange, Oct. 26, 1876.
p. Presented by the Hon. Dumaresq Wright, April 23, 1877.
q. Presented by Mr. W. R. Higham, May 6, 1880.
r–t. Purchased, Nov. 26, 1880.
u. Presented by Mr. A. H. Jamrach, Apr. 26, 1881.
v. Purchased, Apr. 15, 1882.
w. Presented by Capt. Braddick, Dec. 30, 1882.

283. *Naia haje* (Merr.). Egyptian Cobra.

Hab. Africa.

a. Presented by Sir G. Grey, May 25, 1861. See P.Z.S. 1861.
b. Purchased, Sept. 13, 1869.
c. Purchased, April 14, 1871.
d, e. Purchased, Sept. 19, 1871.
f. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., May 11, 1876.
g. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Oct. 24, 1876.
h. Presented by Eustace Pillans, Esq., June 29, 1877.
i. Presented by Eustace Pillans, Esq., Aug. 3, 1882. From South Africa.

Genus Sepedon.

284. *Sepedon hæmachates* (Latr.). Ring-hals Snake.
Hab. South Africa.

a–c. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Nov. 5, 1876.
d. Presented by Eustace Pillans, Esq., Nov. 6, 1877.
e. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 17, 1878.
f. Presented by H. Pillans, Esq., Dec. 12, 1882.

Genus Elaps.

285. *Elaps lemniscatus* (Linn.). Chequered Elaps.
Hab. South America.

a. Purchased, April 28, 1869.
b. Presented by G. H. Hawtayne, Esq., C.M.Z.S., Oct. 30, 1878.
c. Deposited, April 2, 1879.
d. Presented by Dr. A. Stradling, Aug. 27, 1879.
e. Deposited, Aug. 2, 1882.

Genus Causus.

286. *Causus rhombeatus* (Licht.). Cape Viper.
Hab. South Africa.

a. Purchased, July 1860. From Natal.

Family VIPERIDÆ.

Genus Vipera.

287. *Vipera berus*, Linn. Common Viper.
Hab. British Islands.

a–z. See Fifth Edition.
a^1. Received in exchange, May 17, 1871. From Styria.
b^1. Deposited, July 30, 1872.
c^1–f^1. Bred in the Gardens, Aug. 27, 1872.
g^1–q^1. Presented by F. D. Drewett, Esq., Sept. 3, 1872.
r^1. Presented by Mr. R. S. Turner, May 3, 1873.
s^1. Presented by Mr. H. J. Johnson, Aug. 15, 1875.

t^1. Presented by J. M. Hartland, Esq., May 11, 1876.
u^1. Presented by Mr. W. H. Pain, Sept. 28, 1877.
v^1. Presented by Col. Irby, F.Z.S., Feb. 27, 1878.
w^1. Presented by Viscount Manderville, Sept. 12, 1878.
x^1. Presented by F. Buckland, Esq., Sept. 17, 1878.
y^1. Presented by W. H. B. Pain, Esq., April 12, 1880.
z^1. Presented by W. H. B. Pain, Esq., April 19, 1880.
a^2. Presented by J. Poyer Poyer, Esq., April 15, 1881.
b^2. Presented by Mr. G. H. King, May 11, 1881.
c^2. Presented by Mr. J. Snow, July 25, 1881.
d^2. Presented by L. A. Sandford, Esq., Oct. 5, 1881.
e^2. Presented by F. W. Elliott, Esq., June 21, 1882.
f^2. Presented by Mr. H. J. Benwell, Aug. 4, 1882.
g^2, h^2. Presented by Mr. Charles Taylor, Aug. 9, 1882.

288. *Vipera ammodytes*, Klein. Long-nosed Viper.
Hab. Europe.

a, *b*. Purchased, Aug. 8, 1863.
c. Purchased, Sept. 7, 1865. From Germany.
d–g. Received in exchange, Oct. 12, 1869.
h, *i*. Purchased, June 6, 1871. From Dalmatia.

289. *Vipera russelli*, Shaw. Russell's Viper.
Hab. Ceylon.

a. Presented by E. W. H. Holdsworth, Esq., F.Z.S., July 18, 1871.
b. Presented by G. Horne, Esq., M.B., Jan. 9, 1872.
c, *d*. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.
e–i. Born in the Menagerie, Sept. 22, 1875.
j, *k*. Presented by H. Saunders, Esq., Aug. 21, 1876.
l, *m*. Born in the Menagerie, Sept. 16, 1876.

290. *Vipera nasicornis*, Shaw. Nose-horned Viper.
Hab. West Africa.

a. Purchased, Jan. 1862. See Zool. Sk. ii. pl. 50.
b–e. Presented by W. Cleaver, Esq., April 13, 1871. From Cape Coast. See P. Z. S. 1871, p. 479.
f. Presented by H.E. Governor Ussher, May 11, 1871. From Cape Coast.
g–i. Presented by H.E. Governor Ussher and Dr. Mosse, Staff-Surgeon, Aug. 14, 1871.
j. Purchased, Jan. 17, 1872.
k. Female. Purchased, Oct. 1, 1881.
l–e² (46). Born in the Gardens, Nov. 6, 1881.

291. *Vipera rhinoceros,* Schl. River-Jack Viper.

Hab. West Africa.

a. Presented by George Atkins, Esq., Oct. 23, 1865.
b. Purchased, Aug. 14, 1867.
c. Presented by C. B. Mosse, Esq., May 11, 1871. From Cape Coast.
d, e. Presented by H.E. Governor Ussher and Dr. Mosse, Staff-Surgeon, Aug. 14, 1871.
f. Presented by J. J. Kendall, Esq., Oct. 11, 1877.
g. Purchased, Nov. 21, 1877.
h–j. Deposited, Dec. 29, 1878.
k–n. Received in exchange, Jan. 28, 1879.

292. *Vipera arietans,* Merrem. Puff-Adder.

Hab. Cape of Good Hope.

a. Purchased, Aug. 14, 1862.
b–g. Presented by F. G. Clarke, Esq., Oct. 10, 1867.
h–p. Purchased, Sept. 13, 1869.
q, r. Presented by Capt. T. Waite, Jan. 11, 1870.
s. Presented by H. T. Ussher, Esq., C.M.Z.S., June 25, 1872.
t. Presented by Sir John Drummond Hay, K.C.B., March 5, 1873.
u. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Nov. 5, 1876.
v. Presented by Mrs. Tweed, Oct. 30, 1877.
w. Purchased, April 21, 1879.
x. Presented by Surgeon F. Speer, May 26, 1879.
y. Presented by the Rev. G. H. R. Fisk, C.M.Z.S., Dec. 15, 1879.
z. Purchased, June 24, 1881.
a[1]. Presented by Capt. H. Owen, July 14, 1882.
b[1]. Presented by Lieut. R. Crawshay, Oct. 2, 1882.

293. *Vipera atropos* (Linn.). Cape Adder.

Hab. South Africa.

a. Presented by Borradaile Pillans, Esq., July 9, 1881.

294. *Vipera cornuta* (Daud.). Horned Viper.

Hab. South Africa.

a–d. Purchased, July 20, 1865.
e. Presented by the Rev. G. H. R. Fisk, June 6, 1874. From the Cape Flats, near Rondebosch.
f. Presented by the Rev. G. H. R. Fisk, June 8, 1876.
g–i. Deposited, July 21, 1877.

295. *Vipera cerastes* (Linn.). Cerastes Viper.

Hab. Egypt.

a, *b*. Received in exchange, Oct. 11, 1869.
c–e. Received in exchange, May 17, 1871.
f. Deposited, Dec. 17, 1881.

Genus ECHIS.

296. *Echis carinata* (Merr.). Carpet-Viper.

Hab. India.

a–c. Presented by Dr. John Shortt, F.Z.S., May 19, 1875.
d. Presented by Capt. C. S. Sturt, C.M.Z.S., March 22, 1880.

Family CROTALIDÆ.

Genus CROTALUS.

297. *Crotalus durissus* (Daud.). Common Rattlesnake.

Hab. North America.

a. Male; *b*. Female. Purchased, July 3, 1862.
c–e. Purchased, June 28, 1867.
f. Born in the Menagerie, Nov. 9, 1867.
g. Presented by J. S. Townsend, Esq., July 22, 1870.
h. Purchased, Sept. 18, 1873.
i. Purchased, June 8, 1876.
j, *k*. Received in exchange, Sept. 21, 1875.
l. Purchased, Feb. 21, 1877.
m. Deposited, May 14, 1878.

298. *Crotalus lecontii*. Leconte's Rattlesnake.

Hab. Western States of North America.

a. Received in exchange, Oct. 25, 1870.
b, *c*. Presented by W. G. Marshall, Esq., Sept. 18, 1878.

299. *Crotalus confluentus* (Say). Confluent Rattlesnake.

Hab. North America.

a–c. Presented by W. A. Forbes, Esq., F.Z.S., Jan. 7, 1882. From Dakota, U.S.A.
d, *e*. Presented by Samuel Garman, Esq., Nov. 3, 1882. From S.W. Dakota.

300. *Crotalus miliarius* (Linn.). Smaller Rattlesnake.
Hab. Canada.

a. Presented by J. W. James, Esq., Oct. 30, 1873.

301. *Crotalus horridus*, Linn. Horrid Rattlesnake.
Hab. Nicaragua.

a. Presented by Capt. J. M. Dow, F.Z.S., Nov. 11, 1878.
b. Purchased, July 15, 1878.
c, *d*. Purchased, Sept. 3, 1879. (Young.)
e. Presented by Carl J. Schmettau, Esq., March 9, 1880. From Aracati.
f, *g*. Presented by Messrs. Holt, Lord, and Co., July 30, 1880.
h. Presented by H. E. Weaver, Esq., Oct. 16, 1880.
i. Presented by C. A. Craven, Esq., March 18, 1881.
j. Presented by Dr. A. Stradling, C.M.Z.S., April 12, 1881. From Gran Chaco.
k. Presented by Dr. A. Stradling, C.M.Z.S., June 15, 1881. From Bahia.
l. Presented by Dr. A. Stradling, C.M.Z.S., Dec. 6, 1881.

Genus Cenchris.

302. *Cenchris piscivora*, Gray. Water-Viper.
Hab. North America.

a–e. Received in exchange, 1858.
f. Bred in the Gardens, Jan. 1865.
g. Purchased, Aug. 6, 1872.
h. Presented by F. Painter, Esq., June 30, 1874.
i, *j*. Purchased, July 9, 1878.

OLOGICAL GARDENS 1875. ITTA

303. *Cenchris contortrix* (Linn.). Copper-head Snake.
Hab. Tennessee, United States of America.

a. Presented by Dr. F. Painter, F.Z.S., Aug. 17, 1878. See P. Z. S. 1878, p. 631.

Genus Craspedocephalus.

304. *Craspedocephalus bilineatus*, Max. Two-lined Palm-Viper.
Hab. Brazil.

a. Presented by Dr. Wucherer, C.M.Z.S., Oct. 1, 1864. From Bahia.

Genus Trigonocephalus.

305. *Trigonocephalus lanceolatus*, Oppel. Rat-tailed Serpent.
Hab. St. Lucia, West Indies.

a. Presented by His Excellency G. W. Des Vœux, C.M.Z.S., April 13, 1871. See P. Z. S. 1871, pp. 2, 479.

306. *Trigonocephalus atrox* (Linn.). Deadly Snake.
Hab. Brazil.

a. Presented by Dr. A. Stradling, C.M.Z.S., March 19, 1881.

Genus Lachesis.

307. *Lachesis mutus*, Daud. Surucucu or Bush-master.
Hab. Brazil.

a. Presented by C. A. Craven, Esq., July 27, 1881. From Pernambuco.

Class BATRACHIA*.

Order ECAUDATA.

Family RANIDÆ.

Genus RANA.

1. *Rana esculenta*, Linn. Edible Frog.
Hab. Europe.

a, *b*. Purchased, 1862.
c–f. Presented by F. Coleman, Esq., Oct. 2, 1870.
g. Presented by Reginald Hanbury, Esq., June 7, 1875.
h. Presented by Miss Gerrard, Aug. 14, 1875.

2. *Rana halecina*, Catesby. American Green Frog.
Hab. Nova Scotia.

a, *b*. Presented by a Downs, Esq., C.M.Z.S., July 9, 1861. From Halifax.

3. *Rana catesbiana*, Shaw. Bull Frog.
Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., July 9, 1861. From Halifax.
b–i. Presented by J. H. Thompson, Esq., C.M.Z.S., June 26, 1881.
j. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.
k–n. Presented by Dr. B. Sanderson, F.Z.S., Dec. 5, 1873.
o. Purchased, April 14, 1875.
p, *q*. Deposited, Sept. 9, 1880.
r–t. Presented by H. Müller, Esq., May 20, 1881.

---

* In this Class the arrangement adopted in the new Catalogue of Batrachia in the British Museum (1882) is followed throughout.

4. *Rana clamata*, Daud. Noisy Frog.

Hab. North America.

a. Presented by A. Downs, Esq., C.M.Z.S., July 9, 1861. From Halifax, U.S.A.
b–h. Presented by A. Downs, Esq., C.M.Z.S., July 19, 1867.
i. Presented by H. Müller, Esq., May 20, 1881.

Family CYSTIGNATHIDÆ.

Genus Leptodactylus.

5. *Leptodactylus pentadactylus*. Slender-fingered Frog.

Hab. Dominica.

a–d. Presented by Percy E. Scrutton, Esq., Aug. 22, 1882.

6. *Leptodactylus ocellatus* (Linn.). Ocellated Bladder-Frog.

Hab. South America.

a–h. Purchased, Aug. 20, 1866.
i–r. Presented by Dr. Arthur Stradling, C.M.Z.S., June 18, 1881.

Genus Ceratophrys.

7. *Ceratophrys cornuta* (Linn.). Horned Ceratophrys.

Hab. South America.

a, *b*. Presented by Capt. Abbott, Aug. 13, 1859.

8. *Ceratophrys ornata*, Bell. The Adorned Ceratophrys or Esquerzo.

Hab. South America.

a. Purchased, Oct. 25, 1880.
b. Presented by E. W. White, Esq., F.Z.S., March 7, 1881.

Family BUFONIDÆ.

Genus Pseudophryne.

9. *Pseudophryne australis* (Gray). Australian Frog.

Hab. New South Wales.

a. Presented by Gerard Krefft, Esq., C.M.Z.S., Sept. 29, 1863.

Genus Bufo.

10. *Bufo calamita*, Laur. Natterjack Toad.
Hab. Cornwall.

a. Presented by Dr. Lankester, Aug. 1861.
b, *c*. Presented by — Tait, Esq., April 19, 1865.
d. Presented by F. Coleman, Esq., April 30, 1867.
e. Presented by F. Coleman, Esq., May 9, 1872.
f–*k*. Purchased, March 13, 1873.
l. Presented by F. Buckland, Esq., Sept. 15, 1875.
m. Presented by H. W. Fielden, Esq., June 16, 1877.
n. Presented by H. A. Macpherson, Esq., Oct. 6, 1879.

11. *Bufo viridis*, Laur. Green Toad.
Hab. Europe.

a–*c*. Received in exchange, Sept. 11, 1871.
d, *e*. Presented by F. Coleman, Esq., Aug. 19, 1875.

12. *Bufo mauritanicus*, Schlegel. Moorish Toad.
Hab. Tunis.

a. Presented by P. L. Sclater, Esq., F.Z.S., Secretary of the Society, March 24, 1859.
b–*k*. Deposited, Aug. 5, 1870.
l–*o*. Purchased, Aug. 10, 1870.
p–*s*. Purchased, Aug. 2, 1871.
t. Purchased, March 13, 1873.
u–*w*. Purchased, June 7, 1873.
x, *y*. Purchased, Aug. 8, 1881.
z, a^1. Presented by Mr. R. E. Holding, Sept. 6, 1881.

13. *Bufo vulgaris*, Laur. Common Toad.
Hab. England.

a–*e*. Presented, 1860.
f, *g*. Presented by F. Coleman, Esq., Sept. 3, 1871. From Germany.

14. *Bufo lentiginosus*, Shaw. Dusky Toad.
Hab. N. America.

a. Presented by A. Downs, Esq., C.M.Z.S., Oct. 3, 1871.

15. *Bufo marinus* (Linn.). Giant Toad.

Hab. Brazil.

a. Presented by Mr. D'Arcy, Nov. 19, 1874.
b, *c*. Presented by Dr. A. Stradling, C.M.Z.S., Jan. 3, 1880.
d. Presented by Mr. Carl Hagenbeck, March 25, 1881.
e. Deposited, Dec. 6, 1881.

16. *Bufo canaliferus*. Channelled Toad.

Hab. Mazatlan, Mexico.

a. Purchased, Sept. 2, 1882.

Family HYLIDÆ.

Genus Hyla.

17. *Hyla arborea* (Linn.). European Tree-Frog.

Hab. Europe.

a, *b*. Purchased, May 12, 1862.
c. Presented by F. Coleman, Esq., April 30, 1867.
d–*o*. Presented by F. Coleman, Esq., May 9, 1872.
p–*u*. Deposited, July 27, 1873.
v–a^1. Presented by the Rev. S. Wilkinson, April 10, 1874.
b^1–t^1. Presented by J. P. Gassiot, Jr., Esq., May 14, 1876.
u^1–z^1. Presented by Dowager Lady Jardine, July 15, 1875.
a^2–e^2. Presented by F. Coleman, Esq., Aug. 19, 1875.
f^2–m^2. Presented by S. A'Court, Esq., May 27, 1877.
n^2–z^2. Purchased, June 7, 1878.
a^3. Presented by Mr. J. Greenwood, July 11, 1878.
b^3. Presented by Lord A. Russell, F.Z.S., July 14, 1878.
c^3. Presented by Lord A. Russell, F.Z.S., Nov. 2, 1878.
d^3–f^3. Presented by E. L. Boyd, Esq., Nov. 2, 1878.
g^3–n^3. Presented by the Rev. S. R. Wilkinson, F.Z.S., Oct. 3, 1879.
o^3–r^3. Presented by H. A. Macpherson, Esq., Oct. 6, 1879.
s^3–x^3. Presented by A. Leipner, Esq., F.Z.S., Oct. 8, 1879.
y^3. Presented by Mrs. Humphry, July 23, 1881.
z^3–b^4. Presented by Miss L. Burness, Oct. 23, 1882.

18. *Hyla versicolor* (Leconte). Changeable Tree-Frog.

Hab. North America.

a. Presented by Prof. Rolleston, Nov. 10, 1873.

19. *Hyla cærulea* (White). White's Tree-Frog.

Hab. New South Wales.

a. Presented by George Macleay, F.Z.S., May 19, 1862. See Günther, P. Z. S. 1863, p. 249.
b, *c*. Purchased, June 1, 1870.
d, *e*. Presented by Dr. Hooker, C.B., April 24, 1872.
f, *g*. Presented by Dr. Hooker, C.B., May 14, 1872.
h, *i*. Purchased, Feb. 19, 1879.

20. *Hyla phyllochroa*, Günth. Leaf-green Tree-Frog.

Hab. New South Wales.

a. Purchased, April 23, 1863. Types of the species, as described and figured by Günther, P. Z. S. 1863, p. 251, pl. xxx.
b–d. Purchased, May 14, 1867.

21. *Hyla peronii*, Dum. & Bibr. Péron's Tree-Frog.

Hab. New South Wales.

a, *b*. Purchased, April 23, 1863. See P. Z. S. 1863, p. 250, pl. xxx.

22. *Hyla krefftii*, Günth. Krefft's Tree-Frog.

Hab. New South Wales.

a, *b*. Purchased, April 23, 1863. See P. Z. S. 1863, p. 250, pl. xxx.

23. *Hyla ewingii*, Dum. & Bibr. Ewing's Tree-Frog.

Hab. New South Wales.

a. Purchased, April 23, 1863.

24. *Hyla citropus*, Dum. & Bibr. Yellow-foot Tree-Frog.

Hab. New South Wales.

a. Purchased, April 23, 1863.

Genus Phyllomedusa.

*25. *Phyllomedusa dacnicolor*. Variable Leaf-Frog.

Hab. Mazatlan, Mexico.

a–k. Purchased, Sept. 2, 1882.

26. *Phyllomedusa hypochondrialis* (Daudin). Orange-shanked Tree-Frog.

Hab. Brazil.

a. Presented by Dr. Arthur Stradling, C.M.Z.S., Dec. 3, 1881. From Pernambuco, Brazil. See Boulenger, P. Z. S. 1882, p. 264, pl. xiii.

Family PELOBATIDÆ.

Genus PELOBATES.

27. *Pelobates fuscus* (Laur.). Brown Mud-Frog.

Hab. Europe.

a–m^1. Received in exchange, April 27, 1867.
n^1–v^2. Received in exchange, Sept. 11, 1871. From Germany.
v^2–x^3. Deposited, May 15, 1873.

Family DISCOGLOSSIDÆ.

Genus BOMBINATOR.

28. *Bombinator igneus* (Laur.). Fire-bellied Toad.

Hab. Europe.

a–*j*. Purchased, Aug. 24, 1865.
k–*p*. Purchased, Sept. 24, 1866.
q–*x*. Presented by F. Coleman, Esq., May 9, 1872.
y–*z*. Presented by Prof. H. Giglioli, F.M.Z.S., May 22, 1872.
a^1, b^1. Presented by A. H. Cocks, Esq., July 10, 1874.
c^1–h^1. Presented by Reginald Hanbury, Esq., June 7, 1875.
i^1, j^1. Presented by F. Coleman, Esq., Aug. 19, 1875.
k^1. Presented by H. A. Macpherson, Esq., Oct. 6, 1879.
l^1–t^1. Presented by G. A. Boulenger, Esq., July 1, 1882.

Genus ALYTES.

29. *Alytes obstetricans* (Laur.). Midwife Toad.

Hab. South Europe.

a. Presented by F. Buckland, Esq., F.Z.S., July 23, 1875.
b–*d*. Presented by Mons. G. A. Boulenger, May 26, 1882.

Order CAUDATA.

Family SALAMANDRIDÆ.

Subfam. SALAMANDRINÆ.

Genus SALAMANDRA.

30. *Salamandra maculosa* (Laur.). Spotted Salamander.

Hab. Europe.

a. Presented by Mrs. Hopper, June 27, 1861.
b–f. Purchased, June 2, 1863.
g, *h*. Purchased, Aug. 24, 1865.
i–n. Purchased, Sept. 24, 1866.
o–t. Presented by F. Coleman, Esq., April 30, 1867.
u–n^{1}. Purchased, July 2, 1870.
o^{1}. Presented by F. Coleman, Esq., Oct. 2, 1870.
p^{1}–*s*^{1}. Presented by F. Coleman, Esq., May 9, 1872.
t^{1}–*e*^{2}. Purchased, June 24, 1873.
f^{2}, *g*^{2}. Presented by the Rev. S. Wilkinson, April 10, 1874.
h^{2}. Presented by F. Coleman, Esq., Aug. 19, 1875.
i^{2}. Presented by A. H. Smith, Esq., F.Z.S., Sept. 7, 1875.
j^{2}, *k*^{2}. Purchased, June 12, 1877.
l^{2}. Presented by Lord A. Russell, F.Z.S., Nov. 2, 1878.
m^{2}–*f*^{3}. Purchased, June 16, 1879.
g^{3}–*q*^{3}. Purchased, June 18, 1879.
r^{3}–*t*^{3}. Presented by the Rev. S. R. Wilkinson, F.Z.S., Oct. 3, 1879.
u^{3}. Presented by Mr. L. C. Brook, July 18, 1880.

31. *Salamandra atra*, Laur. Black Salamander.

Hab. Europe.

a–e. Presented by Aug. Kussmaul, Esq., Aug. 16, 1877. From Switzerland.

Genus MOLGE.

32. *Molge cristata* (Laur.). Crested Newt.

Hab. British Islands.

a–c. Presented by T. C. Eyton, Esq., F.Z.S., April 14, 1862.
d–i^{1}. Purchased, Feb. 9, 1872.
j^{1}–*a*^{2}. Purchased, Jan. 2, 1873.

33. *Molge marmorata* (Latr.). Marbled Newt.

Hab. Southern Europe.

a–y. Purchased, June 10, 1870. From France.
z–k^1. Purchased, March 18, 1872.
l^1*–w*^{1}. Purchased, April 30, 1874.

34. *Molge alpestris* (Laur.). Alpine Newt.

Hab. Central Europe.

a–o. Purchased, June 10, 1870. Prom France.
p–a^1. Purchased, March 18, 1872.
b^1, *c*^{1}. Purchased, April 30, 1874.
d^1*–g*^{1}. Presented by F. Coleman, Esq., Aug. 19, 1875.
h^1*–p*^{1}. Presented by P. L. Sclater, Esq., Secretary to the Society, Oct. 9, 1876. From the Tyrol.
q^1*–d*^{2}. Presented by Mons. G. A. Boulenger, May 26, 1882.

35. *Molge vulgaris* (Linn.). Smooth Newt.

Hab. British Islands.

a–c. Presented by T. C. Eyton, Esq., F.Z.S., April 14, 1862.
d–o. Purchased, Jan. 22, 1870.
p–e^1. Purchased, Feb. 9, 1872.
f^1*–j*^{1}. Presented by F. Coleman, Esq., May 9, 1872.
k^1*–b*^{2}. Purchased, Jan. 2, 1873.
c^2, *d*^{2}. Presented by Master Guy Sclater, April 12, 1877.
e^2. Presented by Master B. L. Sclater, April 27, 1878.
f^2*–i*^{2}. Presented by Master B. L. Sclater, June 18, 1878.

36. *Molge palmata* (Schneid.). Palmated Newt.

Hab. British Islands.

a–c, &c. Presented by E. W. H. Holdsworth, Esq., F.Z.S., 1863.

37. *Molge boscæ* (Lataste). Bosca's Newt.

Hab. Spain.

a–e. Presented by Dr. A. Günther, F.Z.S., May 3, 1880.

38. *Molge viridescens* (Rafin.). Greenish Newt.

Hab. North America.

a. Presented by Miss Sargent, July 1, 1882.

39. *Molge walti* (Michah.). Pleurodele Newt.
Hab. Southern Europe.

a. Presented by Lord Lilford, F.Z.S., Aug. 13, 1869. From Spain. See P. Z. S. 1869, p. 468.
b–d. Presented by Lord Lilford, F.Z.S., Sept. 4, 1882.

Subfamily Amblystomatinæ.

Genus Amblystoma.

40. *Amblystoma tigrinum* (Green). Illinois Salamander.
Hab. Illinois, U.S.A.

a, *b*. Presented by the Smithsonian Institution, Dec. 1857.

Genus Siredon.

41. *Siredon mexicanus* (Shaw). Axolotl *.
Hab. Mexico.

a, *b*. Purchased, Aug. 30, 1864.
c–n. Purchased, May 8, 1866.
o–t. Received in exchange, Oct. 28, 1867.
u–r^1. Purchased, June 5, 1874.
s^1. Presented by Dr. Gibbes, F.Z.S., Aug. 18, 1881.
t^1, *u*^{1}. Presented by Dr. Heneage Gibbs, F.Z.S., Oct. 7, 1881.
v^1, *w*^{1}. Presented by T. D. G. Carmichael, Esq., April 28, 1882.

Subfamily Plethodontinæ.

Genus Spelerpes.

42. *Spelerpes fuscus*, Bp. Brown Newt.
Hab. South Europe.

a–l. Purchased, Jan. 22, 1870. From near Spezzia, Italy.
m–s. Presented by Professor H. Giglioli, C.M.Z.S., Dec. 30, 1878.

---

* See remarks, P. Z. S. 1871, p. 41.

Family AMPHIUMIDÆ.

Genus MEGALOBATRACHUS.

43. *Megalobatrachus maximus* (Schleg.). Gigantic Salamander.
Hab. Japan.

a. Purchased, March 12, 1860. See P. Z. S. 1860, p. 184.
b. Deposited by Capt. Taylor, July 2, 1861.
c, *d*. Purchased, June 19, 1862.
e. Deposited, Feb. 27, 1865.
f. Presented by A. A. J. Gower, Esq., Aug. 14, 1868.

Genus MENOBRANCHUS.

44. *Menobranchus lateralis* (Say). Menobranch.
Hab. North America.

a–g. Purchased, July 10, 1881.

Genus CRYPTOBRANCHUS.

45. *Cryptobranchus alleghaniensis* (Daud.). Menopoma.
Hab. North America.

a. Presented by the Smithsonian Institution, March 9, 1869. See P. Z. S. 1869, p. 276.

Genus AMPHIUMA.

46. *Amphiuma means*, Garden. Amphiuma.
Hab. North America.

a, *b*. Purchased, Sept. 3, 1858.
c. Purchased, Dec. 6, 1870. See P. Z. S. 1871, p. 36.
d. Presented by A. C. Cole, Esq., April 24, 1879.

Family PROTEIDÆ.

Genus Proteus.

47. *Proteus anguinus* (Laur.). Proteus.

Hab. Europe.

a. Presented by Dr. Perceval Wright.
b, *c*. Presented by T. H. Chambers, Esq., July 17, 1863.
d. Presented by F. M. Burton, Esq., Nov. 17, 1863.
e, *f*. Presented by Major R. H. H. Jary, F.Z.S., April 17, 1867.
g. Presented by Francis Hasley, Esq., April 9, 1869.
h. Presented by T. Threlfall, Esq., Nov. 17, 1870.
i, *j*. Presented by Sir H. Bartle Frere, Bart., K.G., G.C.S.I., April 26, 1876.

Family SIRENIDÆ.

Genus Siren.

48. *Siren lacertina*, Linn. Siren.

Hab. South Carolina.

a–*c*. Presented by G. E. Manigault, Esq., C.M.Z.S., March 29, 1876. See P. Z. S. 1876, p. 333.
d. Received in exchange, March 7, 1878. From South Carolina.

Class PISCES*.

Subclass *TELEOSTEI.*

Family GASTEROSTEIDÆ.

Genus Gasterosteus.

1. *Gasterosteus aculeatus*, Linn. Scaly-sided Stickleback.
   Hab. British Seas.

2. *Gasterosteus pungitius*, Linn. Ten-spined Stickleback.
   Hab. British Seas.

3. *Gasterosteus spinachia*, Linn. Fifteen-spined Stickleback.
   Hab. British Seas.

Family PERCIDÆ.

Genus Perca.

4. *Perca fluviatilis*, Linn. Common Perch.
   Hab. British fresh waters.

Genus Labrax.

5. *Labrax lupus* (Lacép.). Bass.
   Hab. British Seas.

Genus Acerina.

6. *Acerina cernua* (Linn.). Ruffe, or Pope.
   Hab. British waters.

7. *Huro nigricans*, Cuv. Black Bass.
   Hab. Fresh waters of N. America.

---

* [In this class it is not generally possible to keep a record of individual specimens; but the names of all the determinable species exhibited in the Gardens since Jan. 1st, 1862, are given in their natural order.—P. L. S.]

Family TRIGLIDÆ.

Genus Cottus.

8. *Cottus bubalis*, Euphras. Long-spined Cottus.
Hab. British Seas.

9. *Cottus quadricornis*, Linn. Four-horned Cottus.
Hab. British Seas.

Genus Agonus.

10. *Agonus cataphractus* (Linn.). Armed Bullhead.
Hab. British Seas.

Family TRACHINIDÆ.

Genus Trachinus.

11. *Trachinus draco*, Linn. Weaver-fish.
Hab. British Seas.

12. *Trachinus vipera*, C. & V. Lesser Weever.
Hab. British Isles.
a–c. Purchased, April 12, 1872.

Family GOBIIDÆ.

Genus Gobius.

13. *Gobius niger*, Linn. Black Goby.
Hab. British Seas.

14. *Gobius minutus*, Gm. Freckled Goby.
Hab. British Seas.

15. *Gobius ruthensparii*, Euphras. Two-spotted Goby.
Hab. British Seas.

Genus CALLLIONYMUS.

16. *Callionymus lyra* (Linn.). Sordid Dragonet.
Hab. British Seas.

Family DISCOBOLI.

Genus CYCLOPTERUS.

17. *Cyclopterus lumpus,* Linn. Lump Fish.
Hab. British Seas.

Genus LIPARIS.

18. *Liparis vulgaris,* Flem. Unctuous Sucker.
Hab. British Seas.

Family PEDICULATI.

Genus LOPHIUS.

19. *Lophius piscatorius,* Linn. Angler.
Hab. British Seas.

Family BLENNIIDÆ.

Genus BLENNIUS.

20. *Blennius pholis,* Linn. Smooth Shanny.
Hab. British Seas.

Genus CENTRONOTUS.

21. *Centronotus gunellus* (Linn.). Spotted Gunnel.
Hab. British Seas.

Genus ZOARCES.

22. *Zoarces viviparus,* Cuv. Viviparous Blenny.
Hab. British Seas.

Family LABYRINTHICI.

Genus Anabas.

23. *Anabas scandens* (Dald.). Climbing Anabas.
Hab. India.

a, *b*. Presented by F. Buckland, Esq., F.Z.S., July 10, 1875. From Cochin.
c–g. Presented by Dr. G. E. Dobson, C.M.Z.S., June 10, 1879.

Genus Osphronemus.

24. *Osphronemus trichopterus* (Pall.). Spined Osphronemus.
Hab. Ceylon.

a–d. Presented by Capt. Gideon, July 1862.
e–h. Presented by Capt. Gideon, May 4, 1867.

Genus Atherina.

25. *Atherina presbyter*, Cuv. et Val. Sand-Smelt.
Hab. British Seas.

Family MUGILIDÆ.

Genus Mugil.

26. *Mugil capito*, Cuv. Grey Mullet.
Hab. British Seas.

Family OPHIOCEPHALIDÆ.

Genus Ophiocephalus.

27. *Ophiocephalus gachua*, Buch. Ham. Indian Walking Fish.
Hab. India.

Family GOBIESOCIDÆ.

Genus Lepadogaster.

28. *Lepadogaster bimaculatus* (Penn.). Bimaculated Sucker.
Hab. European Seas.

Family LABRIDÆ.

Genus Labrus.

29. *Labrus maculatus,* Bloch. Green-streaked Wrasse.
Hab. British Seas.

Genus Crenilabrus.

30. *Crenilabrus melops* (Linn.). Goldfinny.
Hab. British Seas.

Genus Ctenolabrus.

31. *Ctenolabrus rupestris* (Linn.). Jago's Goldfinny.
Hab. British Seas.

Family GADIDÆ.

Genus Gadus.

32. *Gadus morrhua,* Linn. Common Cod.
Hab. British Seas.

33. *Gadus merlangus,* Linn. Whiting.
Hab. British Seas.

34. *Gadus luscus,* Linn. Whiting Pout.
Hab. British Seas.

35. *Gadus pollachius,* Linn. Pollock.
Hab. British Seas.

Genus Lota.

36. *Lota vulgaris,* Cuv. Burbot.
Hab. British fresh waters.

Genus Motella.

37. *Motella mustela* (Linn.). Five-bearded Rockling.
Hab. British Seas.

Family PLEURONECTIDÆ.

Genus Rhombus.

38. *Rhombus maximus*, Linn. Common Turbot.
Hab. British Seas.

39. *Rhombus lævis* (Linn.). Brill.
Hab. British Seas.

Genus Pleuronectes.

40. *Pleuronectes platessa*, Linn. Plaice.
Hab. British Seas.

41. *Pleuronectes flesus*, Linn. Flounder.
Hab. British Seas.

Genus Solea.

42. *Solea vulgaris*, Quesnel. Common Sole.
Hab. European Seas.

Family SILURIDÆ.

Genus Silurus.

43. *Silurus glanis*, Linn. Sly Silurus.
Hab. Europe.

Genus Amiurus.

44. *Amiurus catus*, Linn. Catfish.
Hab. North America.

Genus Malapterurus.

45. *Malapterurus beninensis*, Murray. Electric Silurus.
Hab. West Africa.

a. Purchased, July 21, 1875. See P. Z. S. 1875 p. 529.
b. Purchased, July 9, 1878.

c–e. Purchased, Aug. 27, 1879.
f. Purchased, Aug. 21, 1880.
g. Purchased, Sept. 25, 1880.

Genus CALLICHTHYS.

46. *Callichthys littoralis*. Littoral Callichthys.
Hab. Demerara.
a. Presented by George Little, Esq., July 16, 1882.

Family SALMONIDÆ.

Genus SALMO.

47. *Salmo salar*, Linn. Salmon.
Hab. British waters.

48. *Salmo trutta*, Linn. Salmon-Trout.
Hab. British waters.

49. *Salmo fario*, Linn. Common Trout.
Hab. British fresh waters.

50. *Salmo lacustris*, Linn. Lake-Trout.
Hab. Lake of Constance.

51. *Salmo umbla*, Linn. Swiss Charr.
Hab. Lakes of Switzerland.

52. *Salmo fontinalis*, Mitch. American Charr.
Hab. Fresh waters of North America.

Family GALAXIIDÆ.

Genus GALAXIAS.

53. *Galaxias scriba*, Cuv. & Val. Australian Galaxias.
Hab. Australia.
a. Presented by Mr. W. A. Lloyd, Feb. 28, 1861.

Genus Neochanna.

54. *Neochanna apoda*, Günther. New-Zealand Mud-fish.
Hab. New Zealand.

a. Presented by the Acclimatization Society of Canterbury, New Zealand, Aug. 22, 1871. See P. Z. S. 1871, p. 626.

Family ESOCIDÆ.

Genus Esox.

55. *Esox lucius*, Linn. Pike.
Hab. British fresh waters.

Genus Fundulus.

56. *Fundulus majalis*, Art. American Mayfish.
Hab. North America.

Family CYPRINIDÆ.

Genus Cyprinus.

57. *Cyprinus carpio*, Linn. Common Carp.
Hab. British fresh waters.

Genus Carassius.

58. *Carassius vulgaris*, Nilss. Prussian Carp.
Hab. British fresh waters.

59. *Carassius auratus*, Linn. Golden Carp.
Hab. British waters (introduced).

Genus Barbus.

60. *Barbus vulgaris*, Fleming. Barbel.
Hab. British fresh waters.

Genus Gobio.

61. *Gobio fluviatilis*, Fleming. Common Gudgeon.
Hab. British fresh waters.

Genus Leuciscus.

62. *Leuciscus rutilus* (Linn.). Roach.
Hab. British fresh waters.

63. *Leuciscus cephalus* (Linn.). Chub.
Hab. British fresh waters.

64. *Leuciscus vulgaris*, Flem. Common Dace.
Hab. British fresh waters.

65. *Leuciscus phoxinus* (Linn.). Minnow.
Hab. British fresh waters.

Genus Tinca.

66. *Tinca vulgaris*, Cuv. Common Tench.
Hab. British fresh waters.

Genus Abramis.

67. *Abramis brama*, Linn. Bream.
Hab. British fresh waters.

Genus Misgurnus.

68. *Misgurnus fossilis* (Linn.). Thunder-fish.
Hab. Baltic Sea.
a. Purchased, Nov. 1860.

Genus Nemachilus.

69. *Nemachilus barbatulus* (Linn.). Common Loach.
Hab. British fresh waters.

Family GYMNOTIDÆ.

Genus Gymnotus.

70. *Gymnotus electricus*, Linn. Electric Eel.
Hab. British Guiana.

Family MURÆNIDÆ.

Genus Anguilla.

71. *Anguilla vulgaris,* Flem. Common Eel.
Hab. British fresh waters.

Genus Conger.

72. *Conger vulgaris,* Cuv. Conger Eel.
Hab. British fresh waters.

Family SYNGNATHIDÆ.

Genus Siphonostoma.

Siphonostoma typhle (Linn.). Deep-nosed Pipefish.
Hab. British waters.

Genus Syngnathus.

74. *Syngnathus acus,* Linn. Great Pipefish.
Hab. British Seas.

Genus Nerophis.

75. *Nerophis æquoreus* (Linn.). Oceanic Pipefish.
Hab. British Seas.

76. *Nerophis ophidion* (Linn.). Straight-nosed Pipefish.
Hab. British Seas.

77. *Nerophis lumbriciformis* (Yarr.). Worm Pipefish.
Hab. British Seas.

Genus Hippocampus.

78. *Hippocampus antiquorum*, Leach. Short-nosed Sea-horse.

Hab. European coasts.

a–d. Presented by F. P. Pinto, Esq., May 1859.
e–z. Purchased, June 11, 1868.
a^1–l^1. Purchased, April 28, 1870.
m^1–r^1. Received in exchange, June 10, 1870.
s^1–y^1. Purchased, March 30, 1872.

79. *Hippocampus ramulosus*, Leach. Branched Sea-horse.

Hab. Coast of France.

Subclass *DIPNOI.*

Family LEPIDOSIRENIDÆ.

Genus Protopterus.

80. *Protopterus annectens* (Owen). African Lepidosiren.

Hab. Rivers of Africa.

a, *b*. Purchased, May 24, 1865.
c. Purchased, May 27, 1865.
d. Purchased, Oct. 4, 1865.
e–h. Purchased, Sept. 6, 1872.

Subclass *GANOIDEI.*

Family ACIPENSERIDÆ.

Genus Acipenser.

81. *Acipenser sturio*, Linn. Common Sturgeon.

Hab. European Rivers.

a. Purchased, July 26, 1863.
b. Small example from the Elbe. Purchased, 1864.
c. Presented by T. Grove, Esq., May 15, 1867.
d–f. Purchased, Dec. 10, 1867.
g. Presented by Messrs. C. Grove, March 7, 1868.
h. Presented by Messrs. Grove & Co., May 7, 1869.
i. Presented by Mr. T. Charles, July 15, 1871.
j–m. Purchased, July 15, 1873.

Subclass *CHONDROPTERYGII.*

Family SCYLLIIDÆ.

Genus SCYLLIUM.

82. *Scyllium canicula* (Linn.). Small Spotted Dogfish.
Hab. British Seas.

a. Purchased, Sept. 25, 1863.
b. Purchased, July 18, 1872.
c–f. Purchased, July 28, 1873.

83. *Scyllium stellare* (Linn.). Large Spotted Dogfish.
Hab. British Seas.

a, *b*. Purchased, July 28, 1873.

Family SPINACIDÆ.

Genus ACANTHIAS.

84. *Acanthias vulgaris,* Risso. Picked Dogfish.
Hab. British Seas.

a–c. Purchased, July 18, 1872.
d–i. Received in exchange, Jan. 7, 1873.

Subclass *LEPTOSTOMATA.*

Family PETROMYZONTIDÆ.

Genus PETROMYZON.

85. *Petromyzon marinus,* Linn. Sea-Lamprey.
Hab. British Seas.

a. Purchased, April 12, 1872.

86. *Petromyzon fluviatilis*, Linn. River-Lamprey.
Hab. British Rivers.

87. *Petromyzon branchialis*, Linn. Fringed-lipped Lampern.
Hab. British Rivers.

a. Presented by A. H. Cocks, Esq., F.Z.S., Feb. 12, 1881.

Subclass *LEPTOCARDII*.

Family BRANCHIOSTOMATIDÆ.

Genus BRANCHIOSTOMA.

88. *Branchiostoma lanceolatum* (Pallas). Lancelet.
Hab. Coast of Italy.

a–r. Presented by the Director of the Zoological Station, Naples, Nov. 14, 1874.

INDEX.

Page
Aard-Wolf 66
Abdimia sphenorhyncha 406
Ablabes punctatus ...602
—— *rufulus* 602
Abramis brama 644
Aburria carunculata..504
Acanthias vulgaris ...647
Accentor, Alpine.....215
Accentor collaris.....215
*Accipiter melanoleucus*379
—— *nisus* 378
Acerina cernua.....636
Acipenser sturio 646
Acontias meleagris ...588
Acouchy 120
Acridotheres cristatellus.....271
—— *fuscus* 272
—— *ginginianus*.....271
—— *mahrattensis* ...272
—— *tristis* 272
*Acrocephalus streperus*214
Addax 139
*Addax naso-maculatus*139
Adder, Blue.....618
——, Cape 621
——, Puff.....621
——, Purplish Death 617
——, Superb Death...617
Adjutant, Indian 407
——, Javan.....407
Ægialitis hiaticula ...525
Ælurus fulgens..... 84
Æx galericulata 438
—— *sponsa* 438
Agama colonorum.....589
—— *occipitalis* 589
—— *ruderata* 589
Agapornis cana 330
—— *pullaria* 329
—— *roseicollis*.....330

Page
Agelæus phœniceus ...268
Agonus cataphractus..637
Agouti, Azara's 119
——, Central-American 118
——, Golden 120
——, Hairy-rumped..120
——, Mexican.....119
——, Punctated 120
——, Variegated 119
——, West-Indian ...119
Ahætulla liocercus ...614
Alactaya indica 113
Alauda arborea 287
—— *arvensis* 286
—— *crassirostris*.....286
—— *cristata* 287
—— *gulgula* 286
Alca torda 541
Alcedo ispida 293
Alcelaphus albifrons...149
—— *bubalis*.....148
—— *caama* 148
—— *pygargus*.....150
—— *tora* 148, 149
Alces machlis 171
Alligator 574
Alligator latirostris...574
—— *longiscutatus* ...575
—— *mississippiensis*..574
—— *punctulatus*.....575
—— *sclerops* 575
Alpine Chamois 150
Alpaca 177
Alytes obstetricans ...630
Amadina bicolor 237
—— *castanotis*.....237
—— *erythrocephala*...237
—— *fasciata* 237
—— *lathami* 238
—— *modesta* 237
Amazon, Active 347

Page
Amazon, August 348
——, Blue-cheeked...348
——, Blue-faced 348
——, Blue-fronted ...349
——, Bodinus's 346
——, Diademed 347
——, Dufresne's 348
——, Festive 345
——, Finsch's 347
——, Golden-naped ..349
——, Green-checked..347
——, Guatemalan ...349
——, Guilding's 348
——, Levaillant's ...350
——, Mealy.....349
——, Mercenary..... 350
——, Orange-winged.349
——, Red-fronted ...346
——, Red-tailed 347
——, Red-throated ...346
——, Sallé's.....346
——, Vinaceous..... 347
——, White-browed..346
——, White-fronted..346
——, Yellow-billed...350
——, Yellow-cheeked347
——, Yellow-fronted.350
——, Yellow-lored ...346
——, Yellow-shouldered 350
Amblyrhamphus holosericeus.....268
Amblystoma tigrinum 633
Ameiva dorsalis 581
Amiurus catus 641
Ammoperdix bonhami.476
—— *heyi* 476
Ampelis cedrorum ...226
—— *garrulus* 226
Amphibolurus anguliferum.....588
—— *barbatus* 588

Page
Amphisbæna, Brazilian 595
——, Darwin's 595
——, Gray's 595
——, Grey 595
——, Sooty 595
——, White.....595
Amphisbæna alba.....595
—— *darwini* 595
—— *fuliginosa* 595
Amphiuma 634
Amphiuma means ...634
Anabas, Climbing ...639
Anabas scandens 639
Anaconda.....599
Anas boscas 430
—— *castanea* 432
—— *gibberifrons*.....432
—— *obscura*.....430
—— *pœcilorhyncha*...431
—— *specularis* 432
—— *superciliosa* 431
—— *xanthorhyncha*...431
Angler 638
Anguilla vulgaris.....645
Anguis fragilis 586
Ani 305
Anoa.....135
Anoa depressicornis...135
Anolis, Barbadian ...591
——, crested 591
Anolis cepedii 591
—— *cristatellus* 591
Anous stolidus 538
Anser albifrons.....418
—— *brachyrhynchus*..417
—— *cinereus* 417
—— *cygnoides*.....418
—— *erythropus* 418
—— *indicus*.....418
—— *segetum* 418
Anseranas melanoleuca 415
Ant-bear, Æthiopian .193
——, Cape 192
Ant-eater, Great 189
——, Tamandua 190
Antelope, Bay 147
——, Beatrix 138
——, Beisa 139
——, Black-fronted...147
——, Black-tailed ...145
——, Bohor.....144
——, Bubaline 148
——, Coquetoon 147
——, Equine 139
——, Four-horned ...148
——, Goral.....150
——, Harnessed 137
——, Indian 144

Page
Antelope, Isabelline...144
——, Lechée 145
——, Natal 146
——, Philantomba ...146
——, Pronghorn 156
——, Sable 139
——, Saiga 143
——, Sing-sing 144
——, Stein-bok 145
——, Tora 148
——, Western Four-horned 148
——, Wood-loving ...147
Anthornis melanura...227
*Anthracoceros convexus*296
—— *coronatus*.....296
—— *malabaricus*.....296
—— *malayanus* 296
Anthropopithecus troglodytes..... 1
Anthus arboreus 219
—— *pratensis* 220
—— *richardi* 220
Antilocapra americana 156, 157
Antilope cervicapra ...144
Ape, Barbary 23
——, Black 23
——, Black-backed ... 21
——, Japanese 22
Aphobus chopi 270
Aprosmictus coccinopterus 324
—— *erythropterus* ...324
—— *scapulatus* 324
Aptenodytes pennanti.542
Apteryx, Haast's 548
——, Mantell's 547
——, Owen's 548
Apteryx australis.....547
—— *haasti* 548
—— *mantelli* 547
—— *oweni* 548
Aquila adalberti 375
—— *audax* 375
—— *barthelemyi* 374
—— *chrysaetus* 374
—— *clanga* 375
—— *imperialis* 374
—— *nævioides*... 375
—— *verreauxi*.....376
Ara ararauna 340
—— *chloroptera* 339
—— *kahni* 341
—— *hyacynthina* ...338
—— *leari*.....338
—— *macao* 339
—— *maracana* 341
—— *militaris*.....339
—— *nobilis* 341

Page
Ara spixi 338
Aracari, Banded 302
——, Maximilian's ...302
Aramides cayennensis.508
Aramus scolopaceus ...523
Arboricola torqueola...469
Archibuteo lagopus ...368
—— *sancti-johannis* ..369
Arctictis binturong ... 61
Arctomys caudatus ...106
—— *marmotta*.....105
—— *monax* 106
Arctonyx collaris 80
Ardea alba 401
—— *atricollis* 400
—— *candidissima* ...402
—— *cinerea*.....400
—— *cocoi*.....401
—— *egretta* 401
—— *garzetta* 402
—— *goliath*.....401
—— *gularis*.....402
—— *herodias* 400
—— *ludoviciana*.....401
—— *purpurea*.....401
—— *ralloides* 402
—— *russata*.....402
—— *sumatrana* 401
Ardetta involucris ...403
—— *minuta*.....403
Argus giganteus 493
Armadillo, Brazilian Three-banded 189
——, Broad-banded ..189
——, Hairy 188
——, Kappler's 187
——, Little 188
——, Long-haired ...189
——, Mulita 187
——, Peba 187
——, Six-banded.....188
——, Three-banded ..189
Aromochelys odorata ..568
Artamus superciliosus.225
Arvicola amphibius ...111
Asio brachyotus 356
—— *capensis* 356
—— *grammicus* 356
—— *mexicanus* 355
—— *otus* 355
Ass, African Wild ...130
——, Asiatic Wild ...130
——, Tibetan Wild ...131
Astur approximans ...380
—— *novæ-hollandiæ*..380
—— *palumbarius*.....379
—— *tibialis*.....380
Asturina nitida 370
Ateles ater..... 31
—— *belzebuth* 32

Page
Ateles cucullatus 32
—— *geoffroyi* 32
—— *grisescens*..... 32
—— *hybridus* 32
—— *marginatus* 32
—— *paniscus* 31
—— *rufiventris* 31
—— *variegatus* 33
Athene brama 362
—— *noctua* 362
Atherina presbyter ...639
Atherura africana ...116
—— *fasciculata* 116
Aulacodus swindernianus 115
Auripasser euchloris...254
Avocet 528
Axolotl 633
Aye-aye..... 48

Babbler, Golden-eyed.223
Babirussa.....184
Babirussa alfurus.....184
Baboon, Anubis 25
——, Arabian 23
——, Chacma 24
——, Gelada 23
——, Guinea 25
——, Yellow 25
Badger, American ... 79
——, Common..... 79
——, Indian..... 80
——, Sand 80
——, Sharp-nosed ... 80
Balæniceps rex.....407
Balearica chrysopelargus.....522
—— *pavonina* 522
*Bambusicola thoracica*469
Barbel 643
Barbet, Blue-cheeked.303
——, Great 303
——, Hodgson's 303
Barbus vulgaris 643
Barita destructor.....286
Barn-Owl.....354
——, Australian 354
——, Masked 354
Bass 636
——, Black 636
Bat, Long-eared 97
——, Naked-bellied Tomb 98
——, Natterer's 97
Baza lophotes 386
Bean-Goose 418
Bear, Black 88
——, Brown..... 86
——, Grizzly 88
——, Hairy-eared ... 87

Page
Bear, Himalayan..... 88
——, Isabelline 87
——, Japanese..... 88
——, Malayan..... 89
——, Polar 85
——, Sloth 89
——, Spectacled 89
——, Syrian..... 87
Beaver, Canadian ...107
Beaver Rat, Golden-bellied 108
Beech-Marten 77
Belideus ariel 199
—— *breviceps* 199
—— *flaviventer* 199
—— *sciureus* 199
Bell-bird, Naked-throated 289
Bernicla antarctica ...422
—— *brenta* 419
—— *canadensis* 419
—— *dispar* 421
—— *hutchinsi* 419
—— *jubata* 420
—— *leucopsis* 419
—— *magellanica* ...420, 421
—— *melanoptera*.....420
—— *poliocephala* ...422
—— *rubidiceps* 422
—— *ruficollis* 419
—— *sandvicensis* ...423
Bibos frontalis 132
—— *sondaicus*.....134
Binturong..... 61
Bipes.....587
Bird of Paradise, Lesser 274
Bison, American 133
——, European 133
Bison americanus.....133
—— *bonasus* 133
Bittern 404
——, Blue-capped ...402
——, Green 402
——, Little 403
——, South-American Little 402
——, Sun.....523
——, Tiger 404
——, Variegated.....403
——, White-crested Tiger.....405
Biziura lobata 442
Blackbird 211
——, Grey-winged ...211
Blackcap 214
Blanus cinereus 595
Blau-bok 146
Blennius pholis.....638

Page
Blenny, Viviparous...638
Bless-bok 149
Bluebird, Common ...213
Boa, Common 598
——, Madagascar ...600
——,Pale-headedTree600
——, Peruvian 599
——, Thick-necked Tree 600
——, Tree.....599
Boa constrictor.....598
—— *eques*.....599
Boatbill 404
Bolborhynchus monachus 345
Bombinator igneus ...630
Bonnet-Monkey 15
Bonte-bok.....150
Boodon, Lineated ...617
Boodon lineatus 617
Boselaphus tragocamelus.....137
Bosch-bok.....137
Bos frontalis 132
—— *indicus*.....132
—— *taurus* 132
Botaurus stellaris ...404
Bower-bird, Silky ..274
——, Spotted 274
Box-Tortoise, Amboina.....561
——, American 561
Brachyurus ouakari.. 36
—— *rubicundus* 36
Bradypus tridactylus 186
Brambling 255
Branchiostoma lanceolatum 648
Bream 644
Brill 641
Broadtail, Adelaide. 330
——, Barnard's 332
——, Bauer's... 332
——, Pale-headed ...331
——, Pennant's ... ..
——, Pileated 331
——, Rose-Hill 331
——, Stanley 331
——, Yellow-bellied. 332
——, Yellow-collared 332
——, Yellow-rumped 331
Brocket, Red 174
——, Wood 174
Bronia brasiliensis ...595
Brotogerys chrysopterus 353
—— *pyrrhoptera* ...353
—— *tiriacula* 352
—— *tovi* 353
—— *tui* 353

Page
Brotogerys tuipara ...353
—— *virescens* 353
—— *xanthopterus* ...353
Brush-Turkey 505
Bubalus æquinoctialis 135
—— *buffelus* 135
—— *caffer* 135
Bubo ascalaphus 359
—— *bengalensis* 359
—— *capensis* 359
—— *cinerascens* 359
—— *coromandus*.....360
—— *fasciolatus* 360
—— *lacteus*.....360
—— *maculosus* 359
—— *maximus*.....358
—— *orientalis*.....360
—— *poensis*.....360
—— *virginianus* 358
Bucephalus, Cape ...614
Bucephalus capensis...614
Buceros lunatus 295
—— *rhinoceros* 295
Bucorvus abyssinicus..294
Buffalo, Cape 135
——, East-African ...135
——, Indian.....135
Bufo calamita 627
—— *canaliferus* 628
—— *lentiginosus*.....627
—— *marinus* 628
—— *mauritanicus* ...627
—— *viridis* 627
—— *vulgaris* 627
Bulbul, Black 220
——, Blue-winged Green 222
——, Brown-eared ...221
——, Malabar Green.222
——, Red-eared 221
——, Red-vented ...221
——, Rufous-bellied..221
——, Syrian.....221
——, White-cheeked..220
——, White-eared ...220
——, Yellow-vented ..221
Bullfinch 260
——, Black 257
Bullhead, Armed.....637
Bungarus cæruleus ...618
Bunting, American ...263
——, Black-headed...263
——, Cape 263
——, Cirl.....262
——, Corn 262
——, Crested Black ..263
——, Dyed 262
——, Lapland 261
——, Ortolan 262
——, Red-backed ...263

Page
Bunting, Red-headed 263
——, Reed 262
——, Snow 261
——, Yellow-breasted263
——, Yellow-browed 263
Burbot 640
Bush-Dog..... 67
Bush-Lark, Madras...287
Bush-master.....624
Bustard, Arabian.....517
——, Australian 516
——, Burchell's 517
——, Denham's 517
——, Great 516
——, Houbara 517
——, Little 516
——, Macqueen's ...518
——, Red-necked ...517
——, Senegal 517
Buteo albicaudatus ...368
—— *auguralis*.....367
—— *borealis* 368
—— *desertorum* 367
—— *erythronotus* ...368
—— *jacal* 367
—— *lineatus* 368
—— *pennsylvanicus*. .368
—— *swainsoni*...367, 368
—— *vulgaris* 366
*Buteogallus nigricollis*370
*Butorides atricapillus*402
—— *cyanurus*.....402
—— *virescens* 402
Buzzard 366
——, African 367
——, Augural.....367
——, Black-necked...370
——, Crested Honey 369
——, Dark-winged .. 370
——, Honey.....369
——, Jackal 367
——, Lineated.....368
——, Pennsylvanian 368
——, Red-backed ...368
——, Red-tailed 368
——, Rough-legged 368
——, St. John's 369
——, Swainson's.....367
——, White-tailed ...368
Bycanistes subcylindricus 297

Cacatua citrino-cristata 310
—— *cristata* 309
—— *ducorpsi* ...308, 312
—— *galerita* 309
—— *goffini* 312
—— *gymnopis*.....313
—— *leadbeateri* 310

Page
Cacatua moluccensis 308
—— *ophthalmica* ...308
—— *philippinarum*. .311
—— *roseicapilla* 313
—— *sanguinea* 311
—— *sulphurea* 310
—— *triton* 309
Caccabis chukar 475
—— *melanocephala*...475
—— *petrosa*.....475
—— *rufa* 475
—— *saxatilis* 474
Caica leucogastra.....351
—— *melanocephala* ..351
—— *xanthomera*.....351
Caique, Black-headed351
——, Hawk-headed...351
——, Yellow-headed 351
Cairina moschata ...430
Calandrella brachydactyla 287
Calcarius lapponicus 261
Calidris arenaria.....531
Callichthys, Littoral 642
Callichthys littoralis 642
Callionymus lyra ...638
Callipepla californica 474
—— *gambelii* 474
—— *picta* 473
Calliste brasiliensis ...230
—— *fastuosa* 230
—— *festiva* 229
—— *melanonota* 230
—— *tricolor* 230
Callithrix brunnea ... 34
—— *moloch*..... 34
—— *nigrifrons* 34
Callocephalon galeatum 314
Calocitta formosa ...282
Calœnas nicobarica ...462
Calopsitta novæ-hollandiæ 315
Calotes ophiomachus. .588
Calyptorhynchus banksii 315
—— *funereus* 315
—— *naso*.....315
Camel, Bactrian 178
——, Common 178
Camelus bactrianus...178
—— *dromedarius* ...178
Canary 258
Cancroma cochlearia 404
Canis antarcticus ... 75
—— *anthus*.....? 71
—— *argentatus* 73
—— *aureus*..... 70
—— *azaræ* 74
—— *bengalensis* 70

Page
Canis cancrivorus ... 74
—— *cerdo* 72
—— *chama* 72
—— *dingo* 75
—— *famelicus* 72
—— *familiaris* 68
—— *fulvicaudus* 74
—— *fulvipes* 75
—— *fulvus* 73
—— ——, var. *decussata* 73
—— *hodophylax* 68
—— *javanicus* 70
—— *jubatus* 75
—— *lagopus* 69
—— *lateralis* 71
—— *latrans* 73
—— *lupus* 68
—— *magellanicus* ... 75
—— *mesomelas* 71
—— *microtis* 75
—— *niger* 68
—— *niloticus* 72
—— *occidentalis* 72
—— *pallipes* 70
—— *primævus* 70
—— *procyonides* 70
—— *rudis* 74
—— *rutilans* 65
—— *velox* 73
—— *vulpes* 69
Capercaillie 466
Capra ægagrus 152
—— *hircus* 151
—— *hispanica* 153
—— *ibex* 151
—— *jemlaica* 153
—— *megaceros* 153
Capreolus capræa 172
—— *pygargus* 172
Caprimulgus europæus 291
Capromys, Fournier's 114
——, Prehensile 114
——, Short-tailed ...114
Capromys brachyurus 114
—— *pilorides* 114
—— *prehensilis* 114
Capuchin, Azara's ... 29
——, Brown 28
——, Smooth-headed 30
——, Weeper 29
——, White-checked 28
——, White-fronted . 27
——, White-throated 30
Capybara 122
Caracal..... 53
Caracara, Brazilian...388
Carassius auratus ...643
—— *vulgaris* 643

Page
Cardinal, Black-crested 248
——, Red-crested ...248
——, Red-headed ...248
——, Yellow-billed...248
Cardinalis virginianus 250
Carduelis elegans.....256
—— *orientalis* 256
Cariacus campestris...174
—— *gymnotis* 173
—— *macrotis* 173
—— *mexicanus* 173
—— *nemorivagus* ...174
—— *rufus* 174
—— *virginianus* 172
Cariama, Brazilian ...519
——, Burmeister's ...519
Cariama cristata.....519
Carp, Common 643
——, Golden 643
——, Prussian 643
Carphibis spinicollis...411
Carpococcyx radiatus 304
*Carpodacus erythrinus*260
—— *hæmorrhous*.....260
Carpophaga ænea ...443
—— *bicolor*.....443
—— *globicera* 443
—— *latrans*.....443
—— *luctuosa* 443
—— *paulina* 443
Carrion-Crow 276
Cassiculus melanicterus 265
Cassicus hæmorrhous 265
—— *persicus* 265
Cassowary, Australian548
——, Beccari's 549
——, Bennett's 550
——, Common 548
——, One-wattled ...549
——, Painted-necked 549
——, Two-wattled ...549
——, Westermann's 549
Castor canadensis ...107
Casuarius australis ...548
—— *beccarii* 549
—— *bennetti* 550
—— *bicarunculatus*...549
—— *galeatus* 548
—— *kaupi* 549
—— *picticollis*.....549
—— *uniappendiculatus*.....549
—— *westermanni* ...549
Cat, African Civet ... 57
——, Bengalese 50
——, Caffer..... 52
——, Egyptian 52

Page
Cat, Eyra 54
——, Geoffroy's 55
——, Golden 51
——, Javan..... 50
——, Marbled 51
——, Pampas 56
——, Red Tiger 51
——, Rusty Tiger ... 51
——, Servaline 50
——, Tigrine 55
——, Viverrine 50
——, Wild 51
——, Yaguarundi ... 54
Cat-bird 216, 274
Catfish 641
Cathartes atratus ...392
—— *aura* 392
—— *californianus* 392, 393
Causus rhombeatus ...619
Cavia flavidens.....121
—— *porcellus* 121
—— *spixi* 121
Cavy, Patagonian ...121
——, Restless 121
——, Rock 121
——, Spix's 121
——, Spotted 118
——, Yellow-toothed 121
Cayman, Broad-snouted.....574
——, Dotted-jawed...575
——, Long-shielded 575
——, Rough-eyed ...575
Cebus albifrons..... 29
—— *azaræ* 29
—— *capucinus* 29
—— *fatuellus* 28
—— *hypoleucus* 30
—— *lunatus* 28
—— *monachus* 30
Cedar-bird 226
Cenchris contortrix ...623
—— *piscivora* 623
Centronotus gunellus 638
Centropus phasianus 305
—— *rufipennis* 305
—— *senegalensis* ...305
Centurus tricolor.....292
Cephalophus dorsalis 147
—— *maxwelli* 146
—— *mergens* 147
—— *natalensis* 146
—— *nigrifrons* 147
—— *pygmæus*.....146
—— *rufilatus* 147
—— *sylvicultrix*.....147
Ceratogymna elata ...296
Ceratophrys, Adorned 626

Page
Ceratophrys, Horned 626
Ceratophrys cornuta 626
—— *ornata* 626
Cercocebus æthiops ... 14
—— *albigena* 14
—— *collaris* 13
—— *fuliginosus* 14
Cercoleptes caudivolvulus 84
Cercopithecus albigularis 9
—— *callitrichus* 7
—— *campbelli* 11
—— *cephus* 12
—— *cynosurus* 5
—— *diana* 10
—— *erxlebeni* 10
—— *erythrogaster* ... 10
—— *griseo-viridis* ... 6
—— *lalandii* 6
—— *ludio* 13
—— *mona* 9
—— *nictitans* 12
—— *patas* 8
—— *petaurista* 13
—— *pluto* 11
—— *pyrrhonotus* ... 8
—— *ruber* 7
—— *rufo-viridis* ... 8
—— *talapoin* 5
Cercopsis novæ-hollandiæ 417
Ceriornis blythi 490
—— *caboti* 490
—— *melanocephala*...489
—— *satyra* 489
—— *temminckii* 489
Cerodon rupestris.....121
Cervicapra bohor 144
—— *isabellina* 144
Cervulus lacrymans...160
—— *micrurus*.....160
—— *muntjac* ...159, 160
—— *reevesi* 160
—— *sclateri*.....160
Cvus alfredi ...167, 168
—— *aristotelis* 165
—— *axis* 170
—— *barbarus* 162
—— *canadensis* 163
—— ——, var. *occidentalis* 163
—— *cashmirianus* ...162
—— *dama*..... 171
—— *davidianus* 165
—— *duvaucelli* 165
—— *elaphus* 162
—— *eldi* 165
—— *equinus* 167

Page
Cervus eupis 164
—— *hippelaphus* 169
—— *kuhlii* 168
—— *luehdorfi* 163
—— *mantchuricus* ...163
—— *maral* 162
—— *minor* 169
—— *moluccensis* 169
—— *nigricans* 167
—— *philippinus* ...167
—— *porcinus* 168
—— *schomburgki* 165, 166
—— *sika* 164
—— *swinhoii* 167
—— *taevanus* 164
—— *timoriensis* 169
Cettia cantans 215
Chaffinch 255
——, Algerian.....255
Chalcopelia afra 458
—— *chalcospilos* 458
—— *puella* 458
Chalcophaps chrysochlora 460
—— *indica* 459
Chalcopsitta scintillata 319
Chamæleon, Common593
——, Dwarf.....594
——, Flap-necked ...594
——, Senegal 594
Chamæleon dilepis ...594
—— *pumilus* 594
—— *senegalensis* ...594
—— *vulgaris* 593
*Chamæsaura anguina*584
*Chamæpelia passerina*456
—— *talpacoti* 457
Chamois, Alpine 150
Charadrius pluvialis 525
Charr, American 642
——, Swiss 642
Chasmorhynchus nudicollis 289
Chaulelasmus strepcrus 432
Chauna chavaria 414
—— *derbiana* 414
—— *nigricollis* 414
Cheetah 56
——, Woolly 56
Chelodina longicollis 571
—— *oblonga* 571
Chelodine, Long-necked 571
——, Oblong 571
Chetone imbricata ...572
—— *viridis* 573
Chelydra serpentina 567

Page
Chelys matamata ...571
Chenalopex ægyptiaca 416
—— *jubata* 416
Chera progne 241
Chersina angulata ...560
Chevrotain, Indian ...176
——, Javan 176
——, Stanleyan 176
——, Water.....177
Chibia hottentotta ...224
Chilobothrus inornatus 600
Chimpanzee..... 1
Chinchilla 117
Chinchilla lanigera...117
Chionis alba.....528
—— *minor* 528
Chirogaleus coquereli 44
—— *milii* 44
Chiromys madagascariensis 48
Chlamydodera maculata 274
Chloremys abnormis 567
Chlorophonia viridis...228
Cholopus didactylus...187
—— *hoffmanni* 187
Chough 283
——, Alpine.....283
——, White-winged 284
Chrysomitris magellanica 257
—— *spinoides* 256
—— *spinus* 256
—— *tristis* 256
—— *yarrelli* 257
Chrysomma sinense ...223
Chrysopelea ornata ...614
Chrysothrix oerstedi... 27
—— *sciurea* 26
—— *usta* 28
Chrysotis æstiva 349
—— *agilis* 347
—— *albifrons* 346
—— *amazonica* 349
—— *augusta* 348
—— *auripalliata* ...349
—— *autumnalis* 347
—— *bodini* 346
—— *boqueti*.....348
—— *cæligena* 348
—— *collaria* 346
—— *diademata* 347
—— *dufresniana* ...348
—— *erythrura* 347
—— *farinosa* 349
—— *festiva*.....345
—— *finschi* 347
—— *guatemalæ* 349

Page
Chrysotis guildingi ...348
—— *leucocephala* ...346
—— *levaillanti* 350
—— *mercenaria* 350
—— *ochrocephala* ...350
—— *ochroptera* 350
—— *panamensis* 350
—— *sallæi* 346
—— *versicolor* 348
—— *vinacea* 347
—— *viridigenalis* ...347
—— *vittata* 346
—— *xantholora* 346
Chub.....644
Chunga burmeisteri...519
Ciconia alba 405
—— *boyciana* 405
—— *nigra* 405
Cinclus aquaticus.....216
Cinixys, Bell's 560
——, Eroded 560
——, Home's 560
Cinixys belliana 560
—— *erosa* 560
—— *homeana* 560
Cinosternon leucostomum 568
—— *longicaudatum* 568
—— *pennsylvanicum* 568
—— *scorpioides* 568
Circaetus gallicus ...378
Circus æruginosus ...365
—— *cinereaceus* 366
—— *cyaneus* 365
—— *gouldi* 366
—— *maurus* 366
Cissa venatoria 282
Cissopis leveriana ...232
Civet, African 57
——, Indian 57
——, Schlegel's 58
——, Sumatran 57
Clangula glaucion ...441
Clemmys annulata ...564
—— *bennetti* 565
—— *caspica*.....564
—— *crassicollis* 566
—— *decussata*.....563
—— *floridana* 562
—— *fuliginosa* 565
—— *guttata* 562
—— *hamiltoni* 565
—— *laticeps* 566
—— *leprosa* 565
—— *muhlenburgi* ...563
—— *ornata* 564
—— *picta* 562
—— *punctularia*.....564
—— *reevesi* 566
—— *rubriventris* ...562

Page
Clemmys rugosa 563
—— *serrata*.....563
—— *terrapin* 563
—— *thurgi* 565
—— *trijuga*.....566
—— *unicolor* 566
Coati, Ring-tailed ... 83
——, White-nosed ... 83
Cobra, Egyptian 618
——, Indian 618
Colus lechee 145
—— *sing-sing* 144
Coccothraustes melanurus 255
—— *vulgaris* 254
Cock of the Rock, Demeraran 290
Cockateel 315
Cockatoo, Banksian ..315
——, Bare-eyed 313
——, Blood-stained 311
——, Blue-eyed 308
——, Citron-crested 310
——, Ducorps's 312
——, Funereal 315
——, Ganga 314
——, Goffin's 312
——, Great Black ...315
——, Greater Sulphur-crested 309
——, Leadbeater's ...310
——, Lesser Sulphur-crested 310
——, Red-vented ...311
——, Roseate 313
——, Rose-crested ...308
——, Slender-billed 314
——, Triton 309
——, Western Black 315
——, Western Slender-billed 314
——, White-crested 309
Cod, Common 640
Cœlogenys paca 118
Cœlopeltis lacertina...614
Cœreba cyanea.....228
Colaptes auratus 292
Colin, Crested 473
——, Plumed 473
——, Virginian 473
Coliopasser macrurus.....242
Colius castanonotus...293
Colobus, King 4
——, Ursine 4
——, White-thighed 4
Colobus polycomus ... 4
—— *ursinus*..... 4
—— *vellerosus*..... 4
Coluber æsculapii ...609

Page
Coluber guttatus 609
—— *quadrilineatus*...609
—— ——, var. *leopardinus*.....609
Columba albilineata...448
—— *araucana* 449
—— *arquatrix* 447
—— *caribbæa* 447
—— *corensis* 447
—— *guinea* 447
—— *gymnophthalma* 448
—— *inornata* 449
—— *leucocephala* ...447
—— *leuconota* 446
—— *livia* 446
—— *maculosa*.....448
—— *œnas* 446
—— *palumbus*.....446
—— *picazuro* 448
—— *rufina* 449
—— *speciosa* 448
—— *vinacea* 449
Coly, Chestnut-backed 293
Colymbus arcticus ...541
—— *glacialis* 540
—— *septentrionalis*...541
Conepatus mapurito... 81
Conger Eel 645
Conger vulgaris 645
Connochætes gnu 150
—— *taurina* 150
Conure, Aztec 344
——, Black-headed...342
——, Blue-crowned 342
——, Blue-winged ...345
——, Brown-throated344
——, Cactus 344
——, Carolina.....342
——, Chilian 344
——, Golden 343
——, Golden-crowned 343
——, Golden-headed 343
——, Green 341
——, Larger Patagonian 341
——, Mexican.....342
——, Petz's 343
——, Red-bellied ...344
——, Red-eared 345
——, Red-masked ...342
——, St. Thomas's ...344
——, Sharp-tailed ...342
——, Smaller Patagonian 341
——, Wagler's 342
——, White-eared ...345
——, Yellow 343
——, Yellow-cheeked344

Page
Conure, Yellow-headed 343
*Conurus acuticaudatus*342
—— *æruginosus* 344
—— *auricapillus* ...343
—— *aureus* 343
—— *aztec* 344
—— *byroni* 341
—— *cactorum* 344
—— *carolinensis* 342
—— *chrysogenys* ...344
—— *cruentatus* 345
—— *cyanopterus*.....345
—— *erythrogenys* ...342
—— *hæmorrhous*.....342
—— *holochlorus* 342
—— *jendaya* 343
—— *leucotis* 345
—— *luteus* 343
—— *nanday* 342
—— *patagonus* 341
—— *pavua* 341
—— *petzi* 343
—— *smaragdinus* ...344
—— *solstitialis* 343
—— *vittatus* 344
—— *wagleri* 342
—— *xantholæmus* ...344
Coot 515
——, Australian 515
——, Crested 515
——, Slaty 515
Copsychus saularis ...213
—— *sechellarum* 213
Coracias garrula 299
Coracopsis barklyi ...336
—— *nigra* 336
—— *vasa* 335
Corallus hortulanus...599
Corcorax melanorhamphus 284
Cormorant, Brazilian 398
——, Common 397
——, Mournful 398
Corn-Bunting 262
Corn-Crake 509
Coronella cana.....604
—— *cucullata* 603
—— *girondica*.....603
—— *lævis* 603
—— *multimaculata*...604
—— *phocarum*.....604
—— *sayi* 604
Corvus affinis 277
—— *americanus* 277
—— *australis* 276
—— *capellanus* 277
—— *corax* 275
—— *cornix* 277
—— *corone* ... .276
Page
Corvus culminatus ...277
—— *frugilegus* 278
—— *monedula*.....278
—— *scapulatus* 278
—— *splendens* 277
Coryphospingus pileatus 251
*Corythaix albocristata*306
—— *buffoni* 306
—— *erythrolophus* ...307
—— *macrorhyncha*...307
—— *persa* 307
—— *porphyreolophus* 307
Cotinga, Banded 290
Cotinga cincta 290
Cottus, Four-horned 637
——, Long-spined ...637
Cottus bubalis 637
—— *quadricornis* .. 637
Coturnix chinensis ...471
—— *communis* 470
—— *coromandelica*...471
—— *histrionica* 470
—— *pectoralis*.....471
Coucal, Indian 305
——, Pheasant 305
——, Senegal 305
Courlan, Scolopaceous 523
Cow-Bird, Bay 268
——, Common 267
——, Purple 267
——, Silky 267
Coypu 113
Crake, Carolina 509
——, Corn 509
——, Spotted..... 509
Cranorrhinus corrugatus ... .296
Crane 519
——, Australian 520
——, Balearic Crowned 522
——, Brown 520
——, Cape Crowned 522
——, Demoiselle.....521
——, Hooded 521
——, Mantchurian ...520
——, Sarus 520
——, Stanley 522
——, Wattled.....521
——, White 521
——, White American 521
——, White-necked 521
Craspedocephalus bilineatus 623
Crax alberti 500
—— *alector* 499
—— *carunculata* ...500
Page
Crax daubentonii.....499
—— *globicera* 498
—— *globulosa*.....500
—— *incommoda* 501
—— *sclateri* 499
—— *viridirostris*.....501
Crenilabrus melops ...640
Crex pratensis 509
*Cricetomys gambianus*109
*Cricetus frumentarius*109
Crithagra albogularis 258
—— *butyracea* 257
—— *chrysopyga* 258
—— *musica* 258
—— *sulphurata* 258
Crocodile, Broad-fronted 575
——, Indian 576
——, Long-nosed ...576
——, Mexican.....575
——, Nilotic 575
——, Sharp-nosed ...576
Crocodilus acutus ...576
—— *cataphractus* ...576
—— *frontatus*.....575
—— *palustris* 576
—— *rhombifer* 575
—— *vulgaris* 575
Crossarchus obscurus 65
Crossbill 260
——, Parrot 261
——, White-winged 261
Crossoptilon, Mantchurian 477
Crossoptilon mantchuricum 477
Crotalus confluentus 622
—— *durissus* 622
—— *horridus* 623
—— *lecontii* 622
—— *miliarius*.....623
*Crotaphytus wislizenii*592
Crotophaga ani 305
Crow, Abyssinian ...277
——, American 277
——, Australian 276
——, Black-backed Piping 286
——, Carrion 276
——, Chaplain 277
——, Hooded 277
——, Hunting 282
——, Indian 277
——, Large-billed ...277
——, Long-billed Butcher 286
——, Tasmanian Piping 286
——, White-backed Piping 285

Page
Crow, White-necked 278
Crow-Shrike, Grey ...285
——, Hill 285
——, Pied 285
——, Sooty 285
Cryptobranchus alleghaniensis 634
Crypturus noctivagus 545
—— *obsoletus* 545
—— *pileatus* 545
—— *tataupa* 545
—— *undulatus* 546
—— *variegatus* 546
Ctenolabrus rupestris 640
Cuckoo 303
——, Black 304
——, Guira 305
——, Long-tailed ...304
——, Radiated Fruit 304
Cuculus canorus 303
Curæus aterrimus ...269
Curassow, Crested ...499
——, Daubenton's ...499
——, Galeated 501
——, Globose 498
——, Globulose 500
——, Green-billed .. 501
——, Inconvenient ...501
——, Lesser Razor-billed 501
——, Prince Albert's 500
——, Razor-billed ...501
——, Sclater's 499
——, Urumutum ...502
——, Yarrell's 500
Curlew 532
——, Pacific 532
——, Stone 524
Cyanocitta cristata ...280
Cyanocorax cyanomelas.....281
—— *cyanopogon* 281
—— *incas* 281
—— *luxuosus* 281
—— *pileatus* 281
Cyanopolius cooki ...279
—— *cyanus* 279
Cyanorhampus alpinus 333
—— *auriceps* 333
—— *novæ-zealandiæ* 333
—— *saisseti* 333
Cyanospiza ciris 247
—— *cyanea*.....247
Cyclemys oldhami ...566
Cycloderma senegalense 572
Cyclodus, Black-and-Yellow 585
——, Great 585

Page
Cyclodus, Occipital ...585
Cyclodus gigas.....585
—— *nigro-luteus*.....585
—— *occipitalis* 585
Cyclophis vernalis ...612
Cyclopterus lumpus...638
Cygnus atratus.....424
—— *bewicki*.....423
—— *buccinator* 424
—— *coscoroba* 425
—— *musicus* 423
—— *nigricollis* 424
—— *olor* 423
Cynælurus jubatus ... 56
—— *lanceus* 56
Cynictis, Levaillant's 65
Cynictis penicillata... 65
Cynocephalus anubis.. 25
—— *babouin* 25
—— *hamadryas* 23
—— *leucophæus* 26
—— *mormon* 26
—— *porcarius*..... 24
—— *sphinx* 25
Cynomys ludovicianus 106
Cynonycteris collaris 95, 96
Cynopithecus niger ... 23
Cynopterus marginatus..... 97
Cyprinus carpio 643
Cypselus apus 291
Cystophora cristata... 93

Dace, Common 644
Dacelo cervina 294
—— *gigantea* 294
Dacnis cayana 228
Dafila acuta 434
—— *bahamensis* 435
—— *erythrorhyncha*. 436
—— *spinicauda* 435
Dama mesopotamica. .171
—— *vulgaris* 171
Daption capensis 539
Darter, American ...398
——, Indian 399
——, Levaillant's ...398
Dasyprocta acouchy...120
—— *aguti* 120
—— *azaræ* 119
—— *cristata* 119
—— *isthmica* 118
—— *mexicana*.....119
—— *prymnolopha* ...120
—— *punctata*.....120
—— *variegata*.....119
Dasypus minutus.....188
—— *sexcinctus* 188

Page
Dasypus vellerosus ...189
—— *villosus*.....188
Dasyure, Maugé's ...195
——, Spotted-tailed. .195
——, Ursine.....196
Dasyurus maculatus ..195
—— *maugæi* 195
—— *ursinus* 196
Daulias luscinia 213
—— *philomela* 213
Death-Adder, Purplish 617
——, Superb 617
Deer, Axis 170
——, Barasingha.....165
——, Blackish.....167
——, Cashmerian ...162
——, Chinese Water 171
——, Equine 167
——, Fallow 171
——, Formosan 164
——, Gemul.....174
——, Hog 168
——, Japanese.....164
——, Kuhl's 168
——, Lühdorf's 163
——, Manchurian ...163
——, Mesopotamian Fallow 171
——, Mexican 173
——, Michie's Tufted161
——, Molucca.....169
——, Mule 173
——, Musk 158
——, Naked-eared ...173
——, Pampas 174
——, Panolia 165
——, Père David's ...165
——, Persian 162
——, Philippine 167
——, Prince Alfred's.167
——, Pudu 174
——, Red.....162
——, Rusa 169
——, Sambur 165
——, Schomburgk's. .165
——, Spotted Hog ...169
——, Swinhoe's 167
——, Timor.....169
——, Virginian 172
——, Wapiti 163
Demeraran Cock of the Rock 290
Dendrocitta sinensis...283
—— *vagabunda* 283
Dendrocopus major ...291
—— *minor* 292
Dendrocygna arborea .426
—— *autumnalis* 426
—— *discolor* 426

Page
Dendrocygna eytoni...427
—— *fulva* 427
—— *javanica* 426
—— *major* 427
—— *viduata* 425
Dendrolagus inustus ..200
*Dendrortyx leucophrys*473
*Dermatemys abnormis*567
—— *mawii* 567
Deroptyus accipitrinus 351
Dial-bird, Indian.....213
——, Seychellean.....213
Diamond-Snake 598
Dichoceros bicornis ...295
Dicotyles labiatus.....185
—— *tajaçu* 184
Didelphys albiventris .194
—— *azaræ* 194
—— *cancrivora* 193
—— *cinerea*..... ...194
—— *crassicaudata* ...194
—— *derbiana* 195
—— *dorsigera*.....195
—— *opossum* 195
—— *philander* 195
—— *quica* 194
—— *virginiana* 194
Didunculus strigirostris 463
Dingo 75
Dipper 216
Dipus ægyptius 112
—— *hirtipes* 112
Dissura episcopus.....406
—— *maguari* 406
Diuca grisea.....249
Diucopis fasciata.....233
Diver, Black-throated541
——, Great Northern540
——, Red-throated...541
Dog, Bush 67
——, Cape Hunting.. 67
——, Domestic 68
——, Indian Wild ... 70
——, Raccoon-like ... 70
——, Sumatran Wild 70
Dogfish, Large Spotted.....647
——, Picked 647
——, Small Spotted. .647
Dolichonyx oryzivora .267
*Dolichotis patachonica*121
Donacola castaneothorax 240
Dorcopsis luctuosa ...200
Dormouse, Common .108
——, Fat.....107
——, Garden 108
——, Oak.....107
Page
Dormouse, South-African.....108
Dotterel 525
Dourouculi, Feline .. 33
——, Red-footed..... 33
——, Three-banded... 33
Dove, Aldabran Turtle454
——, Auriculated ...456
——, Barbary Turtle.454
——, Barred 450
——, Barred-shouldered.....451
——, Black-winged...456
——, Bronze-spotted.458
——, Cambayan Turtle 453
——, Cape 450
——, Carolina.....449
——, Chinese Turtle.453
——, Double-ringed Turtle 454
——, Dwarf Turtle...454
——, Eastern Turtle.452
——, Emerald.....458
——, Geoffroy's 454
——, Green-winged ..459
——, Graceful Ground.....450
——, Half-collared Turtle 453
——, Little Green-winged 460
——, Martinican.....455
——, Maugé's 451
——, Mauritian Turtle 452
——, Mountain-Witch Ground.....458
——, Moustache Ground.....457
——, Orange-winged.457
——, Passerine Ground.....456
——, Peaceful 450
——, Placid Ground .450
——, Red Ground ...457
——, Red Under-winged 457
——, Ring 446
——, Scaly Ground ..456
——, Schlegel's 458
——, Spotted Turtle.452
——, Spotted Zenaida456
——, Star's Ground..462
——, Stock 446
——, Talpacoti Ground.....457
——, Turtle.....452
——, Vinaceous 453
——, White-fronted .457
Page
Dove, White-winged Zenaida 456
——, Zenaida 455
Dragonet, Sordid ...638
Drill 26
Dromœus novæ-hollandiæ 550
—— ——, var. *irrorata* 550, 551
Dromicia nana 198
Dromicus antillensis ..612
—— *fugitivus* 612
Drongo, Indian 224
Dryiophis acuminata .615
Dryotriorchis spectabilis 378
Duck, Australian Wild431
——, Bahama 435
——, Black-billed Tree 426
——, Brown 440
——, Chestnut-breasted 432
——, Chinese Scaup .440
——, Dusky 430
——, Eider 441
——, Eyton's Tree ...427
——, Fulvous Tree...427
——, Indian Tree ...426
——, Larger Tree ...427
——, Loggerhead ...442
——, Mandarin 438
——, Muscovy.....430
——, Musk 442
——, Pink-headed ...432
——, Red-billed 436
——, Red-billed Tree 426
——, Rosy-billed ...438
——, Slender 432
——, Soft-billed 441
——, Spotted-billed ..431
——, Summer 438
——, Tufted 439
——, White-eyed ...441
——, White - faced Tree 425
——, White-marked..432
——, Wild 430
——, Yellow-billed...431
Dunlin 530
Duyker-bok 147

Eagle, Bacha 378
——, Bateleur.....372
——, Black-crested...377
——, Bonelli's.....376
——, Booted 376
——, Ceylonese Hawk377
——, Cheela 378
——, Chilian Sea ...371

Page
Eagle, Crowned Hawk377
——, Golden 374
——, Guianan Crested.....371
——, Harpy.....371
——, Imperial.....374
——, Japanese Hawk 377
——, Mace's Sea 373
——, Malayan Hawk 377
——, Ornamented Hawk 376
——, Short-toed 378
——, Spanish Imperial 375
——, Spotted 375
——, Tawny 375
——, Tyrant 377
——, Vociferous Sea .373
——, Vulturine 376
——, Wedge-tailed...375
——, White-bellied Sea 373
——, White-headed Sea 373
——, White-tailed ...372
Eagle-Owl, Bengal ...359
——, Cape 359
——, Fraser's 360
——, Great 358
——, Grey 359
——, Milky 360
——, Oriental.....360
——, Savigny's 359
——, Spotted 359
——, Virginian 358
Echidna 208
Echidna hystrix 208
Echinomys spinosus...114
Echis carinata 622
Eclectus, Grand 323
——, Red-sided 323
——, Westermann's..323
Eclectus pectoralis ...323
—— *roratus*.....323
—— *westermanni* ...323
*Ectopistes migratorius*449
Eel, Common 645
——, Conger 645
——, Electric 644
Egernia cunninghami.585
Egret, Buff-backed ...402
——, Great American 401
——, Little 402
——, Slaty 402
——, Snowy.....402
Eland 135
Elanus scriptus 386
*Elaphis quaterradiatus*609
Elaphodus michianus .161
Elaps, Chequered ...619
Page
Elaps lemniscatus ...619
Elephant, African ...125
——, Indian 124
Elephas africanus ...125
—— *indicus*.....124
Emberiza aureola.....263
—— *chrysophrys*.....263
—— *cirlus* 262
—— *citrinella*.....262
—— *fucata* 262
—— *hortulana* 262
—— *luteola* 263
—— *melanocephala*...263
—— *miliaria* 262
—— *rutila* 263
—— *schœniclus* 262
Emu 550
Emyda granosa 572
Emys europæa 561
—— *fuliginosa* 561
Emys, Spinose Land .561
Entomyza cyanotis ...228
Eos indica 318
—— *reticulata* 318
—— *riciniata* 319
—— *rubra* 319
—— *tricolor*.....318
Epicrates angulifer ...600
—— *cenchris* 600
Equus burchellii 131
—— *hemionus*.....131
—— *hemippus*.....130
—— *onager* 130
—— *quagga*.....131
—— *tæniopus* 130
—— *zebra* 131
Erinaceus algirus..... 94
—— *collaris*..... 94
—— *europæus*..... 93
—— *frontalis* 94
Erithacus rubecula ...212
Erithizon dorsatus ...116
Erythrœnas pulcherrima.....444
Erythrolamprus venustissimus 605
Erythrura prasina ...241
Eryx, Egyptian 601
——, Indian 601
——, Shielded.....601
Eryx jaculus 601
—— *johni* 601
—— *thebaicus*.....601
Esox lucius 643
Esquerzo 626
Estrelda amandava ...234
—— *bella*.....234
—— *bichenovii* 233
—— *cærulescens* 235
—— *cinerea*.....234
Page
Estrelda dufresnii ...235
—— *formosa* 234
—— *melpoda* 235
—— *phaëton* 233
—— *phœnicotis* 235
—— *rubriventris*.....235
—— *ruficauda*.....233
—— *squamifrons*.....236
—— *subflava* 236
—— *temporalis* 234
Eudocimus albus 412
—— *ruber* 412
Eudromias morinellus.525
Eudynamis orientalis..304
—— *taitensis* 304
Eudyptes chrysocome..543
Eunectes murinus.....599
Euphema bourkii.....328
—— *chrysogastra* ...328
—— *chrysostoma*.....327
—— *elegans*.....327
—— *pulchella* 327
—— *splendida*.....328
*Euphonia crassirostris*229
—— *nigricollis* 229
—— *pectoralis*.....229
—— *violacea* 229
Euplectes afer 243
—— *capensis* 244
—— *flammiceps* 243
—— *nigriventris* 243
—— *oryx*.....243
Euplocamus albo-cristatus 487
—— *andersoni*.....486
—— *cuvieri*.....486
—— *erythropthalmus*.484
—— *horsfieldi*.....486
—— *lineatus* ...483, 485
—— *melanotis*.....486
—— *nobilis*.....485
—— *nyctemerus*.484, 485
—— *prælatus* 483
—— *swinhoii* 483
—— *vieilloti* 484
Eupodotis arabs 517
—— *australis* 516
—— *denhami* 517
—— *kori*.....517
—— *ruficollis* 517
—— *senegalensis*.....517
Euprepes, Streaked...586
Euprepes vittatus.....586
Eupsychortyx cristatus 473
Europyga helias 523
Euspiza americana ...263

Falco æsalon.....382
—— *barbarus* 381

Page
Falco biarmicus 381
—— *columbarius*.....382
—— *concolor* 382
—— *eleonoræ* 382
—— *jugger* 381
—— *lanarius* 381
—— *peregrinus* 380
—— *sacer*.....381
—— *subbuteo* 382
Falcon, Ash-coloured.382
——, Barbary 381
——, Bearded 381
——, Eleonora.....382
——, Greenland 383
——, Iceland 383
——, Jugger 381
——, Lanner 381
——, Laughing 386
——, Peregrine 380
——, Red-footed.....384
——, Rufous-throated 382
——, Saker 381
Felis bengalensis 50
—— *caffra* 52
—— *canadensis* 56
—— *caracal*..... 53
—— *catus* 51
—— *chaus* 52
—— *chrysothrix*..... 51
—— *concolor* 53
—— *eyra* 54
—— *geoffroii* 55
—— *isabellina*..... 52
—— *javanensis* 50
—— *leo* 48
—— *lynx*... 52
—— *macrocelis* 49
—— *marmorata* 51
—— *moormensis* 51
—— *onca*..... 54
—— *pardalis* 54
—— *pardina* 53
—— *pardus*..... 49
—— *passerum*..... 56
—— *planiceps*..... 51
—— *rubiginosa* 51
—— *rufa*..... 56
—— *serval* 49
—— *servalina* 50
—— *tigrina*..... 55
—— *tigris* 48
—— *viverrina* 50
—— *yaguarundi*..... 54
Fennec, Syrian 72
Ferret, Common..... 77
Fiber zibethicus 111
Fieldfare 209
Field-Mouse, Fawn-coloured 110
Page
Finch, Alaudine 249
——, Amaduvade ...234
——, Banded Grass..240
——, Bar-breasted ...238
——, Beautiful 234
——, Bicheno's 233
——, Black-headed...238
——, Blood-stained .260
——, Bluish 252
——, Cape-Palmas ...237
——, Chestnut-bellied 239
——, Chestnut-breasted 240
——, Chestnut-eared.237
——, Crimson.....233
——, Cut-throat 237
——, Diuca 249
——, Dusky.....247
——, Euler's 252
——, Fire-tailed 241
——, Gay's 249
——, Grey-eyed Ground..... 264
——, Grey-necked Serin.....259
——, Guttural.....252
——, Half-white.....253
——, Hooded 236
——, Jacarini 249
——, Javan Maja ...239
——, Lineated.....252
——, Lined 251
——, Maja 239
——, Melodious 247
——, Modest Grass...237
——, Nonpareil 247
——, Olive 247
——, Orchard.....249
——, Pied Grass.....236
——, Pileated 251
——, Plumbeous.....250
——, Reddish 252
——, Red-headed ...237
——, Red-tailed 233
——, Ruddy 260
——, Saffron 257
——, Scaly-fronted...236
——, Sharp-tailed ...239
——, Singing 258
——, Spectacled 251
——, Spotted-sided...238
——, Striated 239
——, Thick-billed Seed 251
——, Topela 238
——, Tropical Seed ..251
——, White-eye-browed 264
——, White-throated252
Page
Finch, Wiener's 237
——, Yellowish 257
Fireback, Bornean ...485
——, Vieillot's.....484
Fish, Indian Walking639
——, Lump.....638
Flamingo, European..413
——, Ruddy 413
——, South-American413
Floriken, Bengal.....518
Flounder 641
Flower-bird, Black-tailed 227
Flycatcher, Pied 226
Flying Squirrel, American 104
——, Grey 105
——, Layard's.....105
——, Red-bellied ...104
——, White-cheeked..104
Fordonia unicolor ...613
Foudia erythrops.....244
—— *madagascariensis* 244
Fox, Arctic 69
——, Azara's 74
——, Bengal 70
——, Common 69
——, Crab-eating ... 74
——, Egyptian 72
——, Fennec 72
——, Kit 73
——, Long-eared ... 76
——, Magellanic..... 75
——, Red..... 73
——, Red-footed..... 75
——, Red-tailed 74
——, Rough..... 74
——, Silver 73
——, Silver-backed... 72
——, Small-eared ... 75
Francolin, Black 467
——, Cape 468
——, Clapperton's ...468
——, Double-spurred468
——, Grey 468
——, Hill.....469
——, Long-billed.....469
——, Madagascar ...467
——, Painted 468
——, South-African ..468
——, Red-throated ...468
——, Wood.....469
Francolinus afer 468
—— *bicalcaratus*.....468
—— *capensis* 468
—— *clappertoni* 468
—— *gularis*.....469
—— *madagascariensis* 467

Page
Francolinus pictus ...468
—— *ponticerianus* ...468
—— *rubricollis* 468
—— *vulgaris* 467
Fratercula arctica ...542
Fregata aquila.....396
Frigate-bird, Great...396
Fringilla cœlebs 255
—— *montifringilla* ...255
—— *spodiogenia* 255
Fringillaria capensis..263
Frog, American Green625
——, Australian 626
——, Brown Mud ...630
——, Bull 625
——, Changeable Tree628
——, Edible 625
——, European Tree.628
——, Ewing's Tree...629
——, Krefft's Tree ...629
——, Leaf-green Tree629
——, Noisy 626
——, Ocellated Bladder 626
——, Orange-shanked Tree 630
——, Péron's Tree ...629
——, Slender-fingered.....626
——, Variable leaf ...629
——, White's Tree ...629
——, Yellow-footed Tree 629
Fruit-Bat, Australian 95
——, Blackish..... 95
——, Collared..... 95
——, Formosa..... 94
——, Indian 95
——, White-eared ... 97
Fruit-Cuckoo, Radiated 304
Fruit-Pigeon, Banded444
——, Bare-faced 445
——, Black-headed...444
——, Bronze 443
——, Brown-tailed...443
——, Jambu 444
——, Nutmeg 443
——, Parrot.....445
——, Red-naped.....443
——, Superb 444
——, Wattled 443
——, White.....443
Fulica ardesiaca 515
—— *atra* 515
—— *australis* 515
—— *cristata* 515
Fuligula brunnea.....440
—— *cristata* 439
Page
Fuligula ferina 440
—— *marila* 440
—— *mariloides* 440
—— *rufina* 440
Fulmar.....539
Fulmarus glacialis ...539
Fundulus majalis.....643
Furcifer chilensis.....174
Furnarius rufus 290
Gadus luscus 640
—— *merlangus* 640
—— *morrhua*... 640
—— *pollachius* 640
Gadwall 432
Galago, Allen's..... 45
——, Demidoff's..... 46
——, Garnett's 45
——, Grand..... 44
——, Maholi 45
——, Monteiro's..... 45
Galago alleni 45
—— *crassicaudata* ... 44
—— *demidoffi* 46
—— *garnetti* 45
—— *maholi* 45
—— *monteiri* 45
Galaxias, Australian..642
Galaxias scriba 642
Galeoscoptes carolinensis 216
Galictis barbara 78
—— *vittata* 78
Galidia, Elegant..... 62
Galidia elegans 62
Gallinago cœlestis ...530
Gallinula chloropus...513
—— *galeata*.....513
—— *nesiotis* 514
—— *phœnicura* 515
—— *tenebrosa*.....515
Gallinule, Island-Hen514
——, Martinique.....512
——, Purple 511
——, Sombre 515
——, White-breasted 515
Galloperdix lunulata 466
—— *spadicea* 466
—— *zeylonensis* 467
Gallus bankiva.....487
—— *domesticus* 488
—— *sonnerati*.....488
—— *stanleyi* 488
—— *varius*..... 488
Gannet.....396
Gannet, Brown 396
Garganey.....434
Garrulax albogularis 222
—— *chinensis* 222
Page
Garrulax leucolophus.222
—— *perspicillatus* ...222
—— *picticollis*.....222
Garrulus glandarius..280
—— *lanceolatus* 280
Garter-Snake 607
Gasterosteus aculeatus.....636
—— *pungitius*.....636
—— *spinachia* 636
Gavial 576
Gavialis gangeticus...576
Gayal 133
Gazella arabica 140
—— *bennetti* 141
—— *cuvieri* 140
—— *dama* 142
—— *dorcas* 140
—— *euchore* 142
—— *granti* 142
—— *muscatensis*.....141
—— *rufifrons* 140
—— *sœmmerringi* ...142
—— *subgutturosa* ...141
Gazelle.....140
——, Arabian 140
——, Cuvier's 140
——, Dama.....142
——, Grant's 142
——, Indian 141
——, Korin.....140
——, Muscat 141
——, Persian 141
——, Sœmmerring's..142
Gecco verus 577
Gecinus viridis.....292
Gecko, Delaland's ...577
——, Fan-footed.....578
——, Indian 577
——, Moorish 577
——, Ocellated 578
Genet, Blotched 58
——, Common 58
——, Pale 58
——, Pardine 58
Genetta pardina 58
—— *senegalensis*..... 58
—— *tigrina*..... 58
—— *vulgaris* 58
Geocichla citrina.....211
Geocmyda spinosa 561
Geopelia cuneata.....450
—— *humeralis*.....451
—— *maugæi* 451
—— *placida*.....450
—— *striata* 450
—— *tranquilla* 450
Geopsittacus occidentalis 329

Page
Geoptyas collaris 611
Geotrygon montana...457
—— *mystacea* 457
—— *sylvatica* 458
Geranoaetus melanoleucus 371
Gerbille, Brown-tailed 109
——, Indian 109
——, Robust 109
——, White-rumped.108
Gerbillus erythrurus.109
—— *indicus*.....109
—— *pygargus*.....108
—— *robustus* 109
Geronticus calvus.....411
Gibbon, Hoolock..... 2
——, Silvery 2
——, Ungko 2
——, White-cheeked. 2
——, White-handed.. 2
Giraffa camelopardalis 156
Giraffe 156
Glaucidium passerinum 364
—— *phalænoides*.....364
Glutton..... 77
Gnu, Brindled.....150
——, White-tailed ...150
Goat-Antelope, Japanese 151
Goat, Domestic 151
Gobio fluviatilis 643
Gobius minutus 637
—— *niger* 637
—— *ruthensparrii* ...637
Goby, Black.....637
——, Freckled.....637
——, Two-spotted ...637
Godwit, Bar-tailed ...531
——, Black-tailed ...532
Goldeneye 441
Goldfinch.....256
——, Eastern 256
Goldfinny.....640
——, Jago's.....640
Goosander 442
Goose, American Black-backed 427
——, Andean 420
——, Ashy-headed ...422
——, Bar-headed ...418
——, Bean 418
——, Bernicle.....419
——, Black-and-White 415
——, Black-backed...427
——, Black Spur-winged 416
Page
Goose, Brent 419
——, Canada 419
——, Cereopsis 417
——, Chinese 418
——, Egyptian 416
——, Grey-Lag 417
——, Hutchin's 419
——, Kelp 422
——, Little 418
——, Maned 420
——, Orinoco 416
——, Pink-footed ...417
——, Red-breasted...419
——, Ruddy-headed..422
——, Rüppell's Spur-winged 415
——, Sandwich-Island 423
——, Spur-winged ...415
——, Upland 420
——, White-fronted..418
——, Wild or Grey-Lag 417
Goshawk 379
——, Allied 380
——, Gambian 380
——, White.....380
Goura coronata 463
—— *victoriæ* 463
Grackle, Black-necked273
Gracula intermedia...273
—— *javanensis* 273
—— *religiosa* 273
Gracupicus nigricollis.....273
Grallina, Pied.....220
Grallina australis ...220
Grammatoptila striata.....223
Graphiurus capensis..108
Grass-Owl, Cape.....355
Grass-Parrakeet, Blue-banded 327
——, Bourke's.....228
——, Elegant 327
——, Orange-bellied..328
——, Splendid 328
——, Turquoisine ...327
——, Undulated.....328
Grass-Snake.....612
Grebe, Little 540
——, Red-necked ...540
——, Sclavonian.....540
Greenfinch 255
——, Algerian.....255
Grison 78
Grosbeak, Black-headed 250
——, Blue 249
——, Brazilian 250
Page
Grosbeak, Cardinal...250
——, Pine 260
——, Rose-breasted...250
——, Yellow-bellied..250
Ground-Dove, Graceful.....450
——, Mountain-Witch 458
——, Moustache.....457
——, Passerine 456
——, Placid.....450
——, Red.....457
——, Scaly 456
——, Stair's.....462
Ground-Squirrel, Bristly 103
——, Getulian.....103
——, Red-footed.....103
——, Stanger's 104
Ground-Thrush, Orange-headed.....211
Grouse, Black 466
——, Prairie 465
——, Red.....466
——, Sharp-tailed ...465
Grus americana 521
—— *antigone* 520
—— ——, var. *torquata* 520
—— *australasiana* ...520
—— *canadensis* 520
—— *carunculata*.....521
—— *communis* 519
—— *leucauchen* 521
—— *leucogeranos* ...521
—— *monachus* 521
—— *virgo* 521
—— *viridirostris* ...520
Grys-bok 145
Guan, Amazonian ...504
——, Chattering.....504
——, Grey's 502
——, Little.....504
——, Marail 502
——, Mexican...502, 504
——, Piping 503
——, Red-breasted...503
——, Red-tailed 504
——, Rufous-vented.502
——, Wattled.....504
——, White-bellied ..504
——, White-crested..503
——, White-eye-browed.....503
——, White-fronted..503
Gubernatrix cristatella 248
Gudgeon, Common...643
Guillemot, Common..541
Guinea-pig 121

Page
Guinea-fowl, Abyssinian 495
——, Common 494
——, Crested 495
——, Horned 495
——, Mitred 495
——, Pucheran's.....496
——, Rendall's 495
——, Vulturine 496
Guira piririgua 305
Guiraca cærulea 249
—— *cyanea* 250
Gull, Ashy-headed ...537
——, Black-headed...537
——, Common 536
——, Dominican.....536
——, Glaucous 534
——, Greater Black-backed 536
——, Herring 534
——, Iceland 534
——, Ivory 533
——, Jameson's 537
——, Laughing 537
——, Lesser Black-backed 535
——, Yellow-legged Herring 535
Gulo luscus 77
Gunnel, Spotted 638
*Gymnorhina leuconota*285
—— *organica* 286
—— *tibicen* 286
Gymnotus electricus ..644
Gypaetus barbatus ...391
—— *meridionalis* ...391
Gypagus papa 393
Gypohierax angolensis 390
Gyps bengalensis 389
—— *fulvus* 389
—— *kolbii* 389
—— *rueppelli* 389

Hæmatopus niger.....527
—— *ostralegus* 527
Hæmatornis elgini ...378
Halcyon sancta 294
—— *vagans*.....294
Haliaetus albicilla ...372
—— *leucocephalus* ...373
—— *leucogaster* 373
—— *leucoryphus*.....373
—— *vocifer* 373
Haliastur indus 369
—— *intermedius*.....369
—— *sphenurus* 369
Halichærus grypus ... 91
Halmaturus agilis ...204
—— *bennettii* 203
Page
*Halmaturus billardieri*205
—— *brachyurus* 205
—— *derbianus*.....204
—— *dorsalis* 204
—— *ruficollis* 203
—— *thetidis* 205
—— *ualabatus*.....204
Hamadryad 617
Hammer, Yellow.....262
Hamster, Common ...109
Hangnest, Baltimore.265
——, Black-sided ...266
——, Brazilian 266
——, Common 266
——, Crested 265
——, Mexican 265
——, Orchard 266
——, Red-rumped ...265
——, Silky 268
——, Wagler's 266
——, Yellow 265
——, Yellow-backed..267
——, Yellow-shouldered.....266
Hapale argentata..... 38
—— *chrysoleucos* ... 38
—— *jacchus* 37
—— *melanura* 38
—— *penicillata* 38
—— *pygmæa* 38
Hapalemur simus ... 44
Hapalote, Mitchell's..111
Hapalotis mitchelli ...111
Hare, Black-necked...123
——, Brazilian 123
——, Common 122
——, Sardinian 122
——, Varying 123
Harporhynchus rufus.216
Harpy, Crowned.....371
Harpyhaliaetus coronatus..... 371
Harrier, Gould's.....366
——, Hen 365
——, Marsh..... 365
——, Montagu's 366
——, Moor 366
Hartebeest 148
Harvest-Mouse 110
Hawfinch.....254
——, Black-tailed ...255
Hawk, Beautiful Wood 378
——, Berigora.....383
——, Black-and-White Sparrow 379
——, Chanting 379
——, Many-zoned ...379
——, New-Zealand...383
——, One-streaked ...379
Page
Hawk, Pigeon 382
——, Shining Buzzard 370
——, Sparrow.....378
Hawk-Eagle, Ceylonese 377
——, Crowned 377
——, Japanese 377
——, Malayan 377
——, Ornamented ..376
Hedgehog, Algerian... 94
——, Cape 94
——, Collared..... 93
——, Common 93
Hedymeles ludovicianus 250
—— *melanocephalus*..250
Helictis, Orange-bellied 79
Helictis subaurantiaca 79
Heloderm.....580
Heloderma suspectum 580
Helotarsus ecaudatus..372
Hemigale, Hardwicke's 59
Hemigalea hardwickii 59
Hemipode, Andalusian 506
——, Black-breasted .507
——, Lepurana 507
——, Red-chested ...507
——, Sykes's 507
——, Varied 506
Hemippe 130
Hemixos flavata 221
Hen, Black Wood ...510
Hen Harrier 365
Henicognathus leptorhynchus 341
Heron 400
——, Black-necked...400
——, Cocoi 401
——, Garden's Night.403
——, Goliath 401
——, Great American 400
——, Great White ...401
——, Hooded Night..403
——, Lousianian.....401
——, Nankeen Night.403
——, Night 403
——, Purple 401
——, Squacco 402
——, Typhon 401
——, Violaceous Night 404
Herpestes fasciatus ... 64
—— *galera* 64
—— *griseus*..... 62

Page
Herpestes ichneumon . 62
—— *malaccensis*..... 63
—— *nepalensis* 64
—— *pulverulentus* ... 62
—— *smithi* 63
Herpetotheres cachinnans 386
Herring-Gull 534
——, Yellow-legged..535
Heteralocha gouldi ...284
Heterodon d'orbignyi..608
—— *madagascariensis* 608
—— *platyrhinos*.....608
Hieracidea berigora...383
—— *novæ-seelandiæ*...383
Hierofalco candicans..383
—— *islandus* 383
Himantopus brasiliensis.....529
—— *nigricollis* .528, 529
Hinulia australis.....586
—— *whitei* 586
Hippocampus antiquorum.....646
—— *ramulosus* 646
Hippopotamus 178
Hippopotamus amphibius 178
Hippotragus equinus..139
—— *niger* 139
Hirundo rustica 226
Hobby 382
Hog, Ælian's Wart ..180
——, Æthiopian Wart.....179
——, Pigmy 182
——, Red-River 183
——, Southern River183
Holbrookia maculata .592
Homalocranium melanocephalum 601
Homalosoma lutrix ...602
Homopus areolatus ...559
—— *horsfieldi* 559
Honey-Buzzard 369
——, Crested 369
Honey-eater, Blue-faced.....228
——, Poë.....227
——, Warty-faced ...227
Hoopoe.....299
Hoplocephalus superbus 617
Hornbill, Black 297
——, Black-and-White 298
——, Concave-casqued.....295
——, Crowned 296
Page
Hornbill, Elate 296
——, Ground 294
——, Indian 296
——, Lumated.....295
——, Malayan.....296
——, Malayan Pied ..296
——, Plicated 299
——, Red-billed 299
——, Rhinoceros.....295
——, Subcylindrical..297
——, White-billed ...296
——, Wrinkled-bill...296
Horseshoe-Snake.....610
Houbara macqueeni...518
—— *undulata* 517
House-Mouse 110
Howler, Brown 37
——, Red 36
Huanaco 177
Huia Bird 284
Huro nigricans 636
Hyæna, Brown 67
——, Spotted 66
——, Striped 67
Hyæna brunnea 67
—— *crocuta*..... 66
—— *striata* 67
Hydraspis gordoni ...570
Hydrochelidon nigra..538
Hydrochærus capybara 122
Hydromedusa maximiliani 571
Hydromys chrysogaster.....108
Hydropotes inermis...171
Hydrornia alleni.....512
Hyla arborea 628
—— *cærulea* 629
—— *citropus* 629
—— *ewingii* 629
—— *kreffti*.....629
—— *peronii*.....629
—— *phyllochroa*.....629
—— *versicolor*.....628
Hylobates hoolock ... 2
—— *lar* 2
—— *leuciscus* 2
—— *leucogenys* 2
—— *variegatus* 2
Hymenolæmus malacorhynchus 441
Hyomoschus aquaticus.....177
*Hyphantornis capensis*246
—— *castaneofusca* ...246
—— *personata* 246
—— *textor* 245
Hypochera nitens.....242
—— *splendens*.....242
Page
Hypsipetes macclellandi.....221
Hypsiprymnus apicalis 207
—— *cuniculus*.....206
—— *gaimardi*.....206
—— *ogilbyi*.....206
—— *rufescens* 206
Hyrax, Cape.....124
Hyrax capensis 124
Hystrix cristata 115
—— *javanica* 115
—— *longicauda* 115

Ianthœnas leucolæma.449
Ibex, Alpine.....152
——, Grecian 152
——, Spanish 153
Ibis, Australian Sacred 411
——, Bald-headed ...411
——, Bernier's 409
——, Black-faced ...411
——, Black-headed...411
——, Glossy 412
——, Nippon 411
——, Sacred 409
——, Scarlet 412
——, Straw-necked...411
——, White.....412
Ibis æthiopica 409
—— *bernieri* 410
—— *melanocephala*...411
—— *strictipennis* ...411
Ichneumon, Banded .. 64
——, Bengalese 63
——, Dusty..... 62
——, Egyptian 62
——, Grey 62
——, Marsh..... 64
——, Ruddy 63
——, Spotted 64
Icterus abeillæi 266
—— *baltimore* 265
—— *croconotus* 267
—— *jamaicai* 266
—— *spurius* 266
—— *tibialis* 266
—— *vulgaris* 266
—— *wagleri* 266
Icticyon venaticus ... 67
Ictonyx zorilla..... 78
Iguana, Black 591
——, Naked-necked...590
——, Tuberculated...590
Iguana delicatissima..590
—— *tuberculata* 590
Indigo-bird 247
Ionornis martinicus...572
Ischnognathus dekayi.607

Page
Ischnognathus occipito-maculatus.....607
Ithaginis geoffroyi ...467
Iynx torquilla 293

Jabiru, American ...407
Jackal, Black-backed 71
——, Common 70
——, North-African.. 71
——, Side-striped..... 71
Jackdaw 278
Jaguar 54
Jay 280
——, Black-headed...281
——, Blue 280
——, Blue-bearded...281
——, Canada 280
——, Lanceolated ..280
——, Mexican 281
——, Peruvian Blue..281
——, Pileated 281
——, Swainson's Long-tailed 282
Jay-Thrush, Chinese .222
——, Collared.....222
——, Masked 222
——, Melodious 223
——, Striated 223
——, White-crested..222
——, White-throated222
Jerboa, Egyptian.....112
——, Hairy-footed...112
——, Indian ..... .113
Jungle-fowl, Bankiva.487
——, Ceylonese 488
——, Fork-tailed ...488
——, Sonnerat's 488

Kagu.....523
Ka-ka 338
——, Mountain 338
Kaleege, Anderson's...486
——, Black-backed...486
——, Cuvier's 486
——, Lineated 485
——, Purple 486
——, White-crested...487
Kangaroo, Black-faced 202
——, Brown Tree ...200
——, Brush-tailed ...203
——, Gaimard's Rat..206
——, Great 202
——, Lunulated 205
——, Mourning 200
——, Ogilby's Rat ...206
——, Red.....200
——, Roan 201
——, Rufous Rat ...205
——, Tasmanian Rat.206

Page
Kangaroo, White-tipped Rat 207
——, Yellow-footed Rock.....202
Kestrel 383
——, American 384
——, Lesser.....384
——, Nankeen.....384
Ketupa ceylonensis ...360
—— *javanensis* 360
Kiang 131
Kingbird, American...289
Kingfisher 293
——, Buff Laughing..294
——, Laughing 294
——, New-Zealand...294
——, Sacred 294
Kinkajou 84
Kite 385
——, Egyptian 385
——, Black 385
——, Brahminy 369
——, Crested Black...386
——, Indian 386
——, Javan Brahminy396
——, Letter-winged...386
——, Long-winged...386
——, Whistling 369
Kittiwake.....534
Kiwi 547
Knot.....530
Koala 197
Koodoo.....136
Kusimanse 65

Labrax lupus 636
Labrus maculatus ...640
Lacerta agilis 582
—— *lilfordi*.....582
—— *muralis* 582
—— *nigro-punctata*...583
—— *ocellata* 581
—— *oxycephala* 582
—— *viridis* 581
—— *vivipara* 582
Lachesis mutus.....624
Lagopus scoticus 466
Lagostomus trichodactylus 118
Lagothrix, Humboldt's 33
Lagothrix humboldti.. 33
Lagotis, Cuvier's.....117
Lagotis cuvieri.....117
Lama huanacos 177
—— *pacos* 177
—— *peruana* 178
—— *vicugna* 177
Lamprey, Fringed-lipped 648

Page
Lamprey, River 648
——, Sea 647
Lamprocolius auratus.270
—— *chalybeus*.....270
—— *rufiventris* 271
Lamprophis aurora...617
Lampropsar dives .. 269
Lamprotornis æneus...271
Lancelet 648
Land-Emys, Spinose..561
Laniarius quadricolor.....225
Lanius collurio.....225
—— *excubitor* 225
Lapwing 526
——, Cayenne.....526
Lark, Black 287
——, Calandra 287
——, Chinese 287
——, Crested 287
——, Indian Sky ...286
——, Madras Bush...287
——, Shore 288
——, Short-toed 286
——, Sky.....286
——, Thick-billed ...286
——, White-bellied Shore 288
——, White-headed Bullfinch 288
——, Wood.....287
Larus argentatus 534
—— *atricilla* 537
—— *audouini* 535
—— *cachinnans* 535
—— *canus* 536
—— *cirrhocephalus*...537
—— *dominicanus* ...536
—— *fuscus* 535
—— *glaucus* 534
—— *leucopterus* 534
—— *melanorhynchus*.537
—— *marinus* 536
—— *novæ-hollandiæ*..537
—— *ridibundus* 537
Lathamus discolor ...334
Leipoa ocellata 505
Lemming, Norwegian 111
Lemur, Black 41
——, Black-headed... 42
——, Broad-nosed ... 44
——, Brown Mouse... 44
——, Coquerel's Mouse 44
——, Mayotte 43
——, Mongoose 41
——, Red-fronted ... 43
——, Ring-tailed ... 43
——, Ruffed 40
——, Smith's Dwarf.. 44

Page
Lemur, Very Black ... 41
——, White-fronted .. 42
——, Yellow-fronted. 42
Lemur albifrons 42
—— *brunneus* 42
—— *catta* 43
—— *flavifrons* 42
—— *macaco* 41
—— *mayottensis*..... 43
—— *mongoz*..... 41
—— *nigerrimus* 41
—— *rufifrons* 43
—— *varius* 40
Leopard 49
Lepadogaster bimaculatus 639
Lepidosiren, African..646
Lepidosternum grayi..595
Leptodactylus ocellatus.....626
—— *pentadactylus* ...626
Leptodira annulata...616
—— *rufescens* 615
*Leptoptila jamaicensis*457
—— *ochroptera* 457
—— *rufaxilla* 457
Leptoptilus argala ...407
—— *crumeniferus* ...407
—— *javanicus*.....407
Lepus brasiliensis ...123
—— *cuniculus* 123
—— *europæus* 122
—— *mediterraneus* ...122
—— *nigricollis* 123
—— *variabilis*.....122
Leuciscus cephalus ...644
—— *phoxinus*.....644
—— *rutilus*.....644
—— *vulgaris* 644
Leucodioptron canorum 223
Leuconerpes candidus.292
Leucopternis scotoptera 370
Leucoryx 138
Leucosarcia picata ...461
Licmetis pastinator ...314
—— *tenuirostris* 314
Ligurinus aurantiiventris 255
—— *chloris*.....255
Limosa ægocephala ...532
—— *lapponica*.....531
Linnet 259
Linota cannabina.....259
—— *flavirostris* 259
—— *linaria*.....259
—— *rufescens* 259
Lion 48
Liophis cobella.....605
Page
Liophis merremi 605
Liothrix, Yellow-bellied 218
Liothrix luteus 218
Liparis vulgaris 638
Lizard, Anguine 584
——, Bearded.....588
——, Black-spotted...582
——, Common 583
——, Dorsal 581
——, Douglass's Horned 593
——, Eyed 581
——, Galeote 588
——, Garman's 592
——, Green.....581
——, Horned 592
——, Knob-nosed ...588
——, Lilford's.....582
——, Lozenge-marked.....588
——, Moloch 590
——, Occipital 589
——, Orbicular Horned.....593
——, Rough-scaled...583
——, Sand 582
——, Sepiform 583
——, Sharp-headed...582
——, Small-scaled ...591
——, Spanish Sand...583
——, Spinose 589
——, Spotted 592
——, Stokes's 584
——, Stump-tailed...584
——, Taraguira 592
——, Tuatera 577
——, Variable 589
——, Wall 582
——, Wizlizen's 592
Llama 178
Loach, Common 644
Lobivanellus lobatus...527
Lomvia troile 541
Lophius piscatorius...638
*Lophoactus occipitalis*377
Lopholæmus antarcticus.....444
Lophophorus impeyanus 476
—— *sclateri*.....477
Lophotragus michianus 161
Loriculus asiaticus ...326
—— *chrysonotus*.....326
—— *galgulus* 326
—— *sclateri* 326
Lorikeet, Blue-faced..319
——, Green-naped ...319
——, Mitchell's 320
Page
Lorikeet, Musky 320
——, Ornamental ...320
——, Scaly-breasted..320
——, Swainson's.....319
Loris, Javan..... 46
——, Slender 46
——, Slow 46
Loris gracilis 46
Lorius chlorocercus ...318
—— *domicella*.....317
—— *flavo-palliatus*...318
—— *garrulus* 317
—— *tibialis* 318
—— *tricolor* 318
Lory, Blue-breasted...318
——, Blue-streaked...318
——, Blue-tailed.....318
——, Blue-thighed...318
——, Chattering 317
——, Green-tailed ...318
——, Purple-capped..317
——, Red..... 319
——, Red-fronted ...319
——, Three-coloured.318
——, Violet-necked...319
——, Yellow-backed..318
Lota vulgaris 640
Love-bird, Grey-headed 330
——, Rosy-faced.....330
——, West-African...329
Loxia curvirostra.....260
—— *leucoptera* 261
—— *pityopsittacus*...261
Lutra nair 82
—— *vulgaris* 81
Lycaon pictus 67
Lynx, Bay 56
——, Canadian 56
——, Isabelline 52
——, Northern 52
——, Spanish 53
Lyre-bird 290
Lyriocephalus scutatus.....588

Macacus arctoides ... 22
—— *assamensis* 21
—— *cyclopis* 21
—— *cynomolgus*..... 16
—— *inuus* 23
—— *lasiotus* 20
—— *leoninus* 18
—— *maurus* 22
—— *melanotus* 21
—— *nemestrinus*..... 18
—— *ocreatus* 22
—— *pelops* 21
—— *pileatus* 16
—— *rheso-similis* ... 21

Page
Macacus rhesus..... 20
—— *rufescens* 22
—— *sancti-johannis*.. 18
—— *silenus*..... 21
—— *sinicus*..... 15
—— *speciosus* 22
—— *tcheliensis* 20
Macaque, Ashy-black. 22
——, Moor 22
——, Reddish 22
Macaw, Blue-and-yellow 340
——, Hahn's 341
——, Hyacynthine ...338
——, Illiger's 341
——, Lear's 338
——, Military.....339
——, Noble.....341
——, Red - and - Blue 339
——, Red - and - Yellow 339
——, Spix's 338
Machetes pugnax.....531
Macroclemmys temminckii.....567
Macropus erubescens..201
—— *giganteus*.....202
—— *melanops* 202
—— *pictus* 200
—— *robustus* 201
—— *rufus* 200
Macropygia emiliana.451
—— *leptogrammica*...451
—— *phasianella* 451
Macroscincus coctaui 585
Magpie.....279
——, Chinese 279
——, Chinese Blue...279
——, Himalayan.....279
——, Moorish.....279
——, Spanish Blue...279
Maize-eater, Dark-Green 269
Malapterurus beninensis 641
Maleo, Great-headed .505
Mallee Bird.....505
Manatee 186
Manatus australis ...186
Mandrill 26
Mangabey, Grey-cheeked .....,..... 14
——, Sooty 14
——, White-collared. 13
——, White-crowned 14
Manis tricuspis 191
Manucode, Green 275
Manucodia chalybeia..275

Page
Mareca chiloensis.....437
—— *penelope* 436
Markhoor.....153
Marmoset, Black-eared..... 38
——, Black-tailed ... 38
——, Geoffroy's 39
——, Golden-headed. 40
——, Pygmy 38
——, Silky 38, 40
Marmot, Alpine 105
——, Long-tailed 106
——, Prairie.....106
——, Quebec 106
Marsh-Harrier 365
Marsh-Titmouse 217
——, Northern 217
Marten, Beech..... 77
——, Canadian 77
——, Pine 76
Mastigure, Egyptian..589
——, Hardwicke's ...589
——, Small-scaled ...589
Mauremys laniaria...565
Mayfish, American ...643
Meadow-Pipit 220
Meadow-Starling, De Filippi's 269
——. Louisianian 269
Megacephalon maleo, 505, 506.
Megalæma asiatica ...303
—— *hodgsoni*.....303
—— *virens* 303
Megalobatrachus maximus 634
Megarhynchus pitangua 288
Melanocorypha calandra 287
—— *mongolica* 287
—— *yeltoniensis*.....287
Meleagris gallo-pavo..494
—— *ocellata*.....494
Meles ankuma 80
—— *leptorhynchus*... 80
—— *taxus* 79
Melierax monogrammicus 379
—— *musicus* 379
—— *polyzonus* 379
Mellivora capensis ... 79
—— *indica* 79
Melophus melanicterus 264
Melopsittacus undulatus... 328
Melopyrrha nigra 251
Melursus ursinus 89
Menobranch.....634

Page
Menobranchus lateralis 634
Menopoma 634
Menura superba 29
Mephitis mephitica ... 81
Merganser, Red-breasted 442
Mergus albellus 442
—— *merganser* 442
—— *serrator* 442
Merlin 382
Metopiana peposaca...439
Metopoceros cornutus.591
Metriopelia melanoptera.....456
Mico sericeus... 38
Microcebus smithi..... 44
Microglossa aterrima..315
Midas chrysomelas ... 40
—— *geoffroii* 39
—— *œdipus*..... 39
—— *rosalia* 40
—— *rufimanus* 39
—— *ursulus*..... 39
Milvago, Brown 387
——, Chimachima ...387
——, Forster's.....387
——, Long-winged ...387
Milvago australis.....387
—— *chimachima* 387
—— *chimango*.....387
—— *megalopterus* ...387
Milvus ægyptius 385
—— *govinda* 386
—— *ictinus*.....385
—— *isurus* 386
—— *migrans* 385
Mimus polyglottus.....215
—— *saturninus* 215
Minnow 644
Mirafra affinis.....287
Misgurnus fossilus ...644
Missel-Thrush.....210
Mitua tomentosa 501
—— *tuberosa* 501
Mocking-bird, Northern..... 215
——, Saturnine 215
Mock-Thrush, Brown.216
Mole, Common 93
Molge alpestris 632
—— *boscæ* 632
—— *cristata* 631
—— *marmorata* 632
—— *palmata* 632
—— *viridescens* 632
—— *vulgaris* 632
—— *waltl* 633
Moloch horridus 590
Molothrus badius.....268

Page
Molothrus bonariensis 267
—— *pecoris* 267
—— *purpurascens* ... 267
Momotus brasiliensis .. 299
—— *subrufescens* 299
Monachus albiventer .. 93
Monaul, Himalayan .. 476
——, Sclater's 477
Monitor, Australian . 501
——, Egyptian 579
——, Exanthematic .. 579
——, Gould's 579
——, Grey 578
——, Lace 579
——, Two-banded ... 579
——, White-throated 579
Monkey, Assamese ... 21
——, Black-faced Spider 31
——, Black-handed Spider... 32
——, Bonnet 15
——, Brown 22
——, Brown Spider .. 32
——, Campbell's..... 11
——, Cashmere 21
——, Chuva Spider... 32
——, Diana 10
——, Dusky 3
——, Entellus 3
——, Erxleben's 10
——, Green 7
——, Grivet... 6
——, Grizzled Spider 32
——, Hocheur 12
——, Hooded Spider. 32
——, Leonine 18
——, Lesser White-nosed 13
——, Ludio 13
——, Macaque 16
——, Marlbrouck 5
——, Mitred 3
——, Mona 9
——, Moor 4
—— , Moustache 12
——, Mozambique ... 8
——, Naked-eared Squirrel 28
——, Nisnas 8
——, Patas 8
——, Pig-tailed..... 18
——, Pinche 39
——, Pluto 11
——, Purple-faced ... 3
——, Red-backed Squirrel 27
——, Red-bellied 10
——, Red-bellied Spider 31
Monkey, Red-faced Spider 31
——, Rhesus 20
——, Rhesus-like ... 21
——, Round-faced ... 21
——, St. John's 18
——, Squirrel 26
——, Sykes's 9
——, Talapoin 5
——, Tcheli..... 20
——, Toque..... 16
——, Variegated Spider 33
——, Vervet 6
——, Wanderer 21
——, White-fronted Capuchin 29
Monticola cyanus..... 211
—— *saxatilis* 211
Moorhen 513
——, American 513
Moose 171
Morelia spilotes 598
—— *variegata* 598
Morphnus guianensis .. 371
Moschus moschiferus .. 158
Motacilla alba 219
—— *lugubris* 218
—— *melanope* 219
—— *raii* 219
Motella mustela 640
Motmot, Brazilian ... 299
——, Cartagenian .. 299
Mouflon 154
Mouse, Barbary 111
——, Fawn-coloured Field 110
——, Harvest 110
——, House..... 110
Mouse-Lemur, Coquerel's 44
Mud-Fish, New- Zealand 643
Mud-Terrapin, Pennsylvanian 568
——, Scorpion..... 568
——, Spix's 568
——, White-mouthed 568
Mugil capito 639
Mullet, Grey 639
Munia acuticauda ... 239
—— *cantans* 239
—— *ferruginea* 239
—— *maja* 239
—— *malabarica*..... 239
—— *malacca* 238
—— *nisoria*..... 238
—— *punctularia*..... 238
—— *rubro-nigra*..... 239
—— *striata* 239
Munia topela 238
Muntjac, Crying 160
——, Indian 159
——, Reeves's 160
Mus barbarus 111
—— *cervicolor* 110
—— *decumanus* 110
—— *minutus* 110
—— *musculus* 110
—— *rattus* 109
Muscardinus avellanarius 108
Muscicapa atricapilla 226
Musk-Deer 158
Musk-Duck 442
Musophaga violacea... 306
Musquash..... 111
Mustela erminea 77
—— *foina* 77
—— *furo* 77
—— *martes* 76
—— *pennanti* 77
—— *putorius* 77
—— *vulgaris* 77
Mycetes fuscus 37
—— *seniculus* 36
Mycteria americana... 407
Myiophonus horsfieldi 212
Mynah, Brown 272
——, Chinese 271
——, Common 272
——, Indian 271
——, Javan 273
——, Larger Hill 273
——, Malabar 272
——, Pied 271
——, Small Hill 273
——, Southern Brown 272
Myodes lemmus 111
Myopotamus coypus .. 113
Myoxus dryas 107
—— *glis* 107
—— *quercinus*..... 108
Myrmecophaga jubata 189, 190

Naia haje 618
—— *tripudians* 618
Nandinia binotata ... 59
Nasua narica 83
—— *rufa* 83
Nemachilus barbatulus..... 644
Nemorhædus crispus... 151
—— *goral* 150
Neochanna apoda..... 643
Neophron percnopterus 390

Page
Neophron pileatus ...390
Neotragus melanotis...145
—— *nigricaudatus*...145
—— *tragulus* 145
Nerophis æquoreus ...645
—— *lumbriciformis*...645
—— *ophidion* 645
Nestor hypopolius ...338
—— *notabilis* 338
Newt, Alpine 632
——, Bosca's 632
——, Brown 633
——, Crested 631
——, Greenish 632
——, Marbled.....632
——, Palmated 632
——, Pleurodele.....633
——, Smooth 632
Night-Heron 403
——, Garden's 403
——, Hooded 403
——, Nankeen.....403
——, Violaceous.....404
Nightingale.....213
——, Eastern 213
Nightjar 291
Night-Parrot 316
Ninox boobook 362
—— *novæ-seelandiæ*..362
Nipponia temmincki...411
Nisaetus fasciatus ...376
—— *pennatus* 376
Noddy 538
Nothocrax urumutum.502
Nothura maculosa ...547
Nucifraga caryocatactes.....278
Numenius arquata ...532
—— *femoralis*.....532
—— *minutus* 532
—— *phæopus* 532
Numida cornuta 495
—— *cristata* 495
—— *meleagris*.....494
—— *mitrata* 495
—— *ptilorhyncha* ...495
—— *pucherani* 496
—— *rendalli* 495
—— *vulturina*...496, 497
Nutcracker 278
Nuthatch 218
——, White-bellied...218
Nutmeg-bird 238
Nyctea scandiaca.....364
Nycticebus javanicus.. 46
—— *tardigradus*..... 46
Nycticorax caledonicus.... 403
—— *cucullatus* 403
—— *gardeni* 403

Page
Nycticorax griseus ...403
—— *violaceus* 404
Nyctipithecus rufipes.. 34
—— *trivirgatus* 33
—— *vociferans* 33
Nylghaie 137
Nymphicus cornutus...332
—— *uvæensis* 332
Nyroca ferruginea ...441

Ocelot 54
Octodon, Cuming's ...113
Octodon cumingi.....113
Ocydromus australis..510
—— *earli*.....510
—— *fuscus* 510
—— *lafresnayanus* ...510
—— *sylvestris* 510
Ocyphaps lophotes ...459
Odontophorus dentatus.....472
—— *guianensis* 472
Œdemia nigra.....441
Œdicnemus bistriatus.....524
—— *grallarius* 524
—— *scolopax* 524
—— *superciliaris*.....524
Œna capensis 450
Oil-bird 300
Onager 130
Onychogalea lunata...205
*Ophiocephalus gachua*639
Ophiophagus bungarus 617
Opossum, Azara's ...194
——, Cinereous 194
——, Crab-eating ...193
——, Derbian 195
——, Four-spotted...195
——, Merian's.....195
——, Philander 195
——, Quica 194
——, Thick-tailed ...194
——, Virginian 194
——, White-bellied ..194
Orchesticus ater 232
Oreas canna.....135
Oriole, Black-naped...224
——, Golden 224
——, Sykes's 224
Oriolus galbula 224
—— *indicus*.....224
—— *kundoo*.....224
Ortalis albiventris ...504
—— *garrula* 504
—— *motmot* 504
—— *ruficauda*.....504
—— *vetula* 504
Ortyx virginianus ...473

Page
Orycteropus æthiopicus.....193
—— *capensis* 192
Oryx beatrix 138
—— *beisa*.....139
—— *leucoryx* 138
Oryzoborus crassirostris 251
—— *torridus* 251
Osphromenus, Spined 639
Osphromenus trichopterus 639
Osprey 365
Ostinops decumanus...265
Ostrich 551
Otaria jubata 90
—— *pusilla*..... 91
Otis tarda 516
—— *tetrax* 516
Otocorys alpestris ...288
—— *chrysolæma*.....288
Otocyon megalotis ... 76
Otter, Common 81
——, Indian 82
Ouakari, Red-faced... 36
——, Spix's 36
Ourang-outang 1
Oven-bird, Red 290
Ovis aries.....153
—— *blanfordi*.....155
—— *burrhel*.....155
—— *cycloceros*.....155
—— *musimon*.....154
—— *tragelaphus*.....156
Owl, American Hawk 364
——, American Scops 361
——, Australian Barn354
——, Barn 354
——, Barred 357
——, Bengal Eagle...359
——, Boobook.....362
——, Brown Passerine 364
——, Burrowing.....362
——, Cape Eagle ...359
——, Cape Eared ...356
——, Cape Grass .. 355
——, Ceylonese Fish.360
——, Coromandel Eagle 360
——, Downy 361
——, Fraser's Eagle..360
——, Gosse's Eared...356
——, Great Eagle ...358
——, Grey Eagle ...359
——, Indranee 357
——, Javan Fish.....360
——, Long-eared ...355

Page
Owl, Masked Barn ...354
——, Mexican Eared.355
——, Milky Eagle ...360
——, New-Zealand...362
——, Oriental Eagle.360
——, Pagoda 357
——, Passerine 364
——, Pel's 361
——, Savigny's Eagle359
——, Scops 360
——, Short-eared ...356
——, Snowy 364
——, Spotted 362
——, Spotted Eagle..359
——, Tawny 356
——, Virginian Eagle358
——, White-eared Scops 361
——, White-faced ...361
——, Woodford's ..357
Owlet, Naked-footed.362
Ox, Domestic 132
——, Sondaic 134
Ox-bird.....246
Oxyrrhopus doliatus..616
—— *fitzingeri*.....616
—— *plumbeus*.....616
Oyster-catcher.....527
——, Black 527

Pachydactylus ocellatus.....578
Padda oryzivora 240
Pagophila eburnea ...533
Palæornis alexandri...320
—— *columboides*.....322
—— *cyanocephalus*...321
—— *docilis*.....321
—— *erythrogenys* ...323
—— *fasciatus*.....322
—— *javanicus*.....322
—— *longicauda* 322
—— *luciani*.....322
—— *rosa*.....322
—— *torquatus*.....321
Panda 84
Pandion haliaetus ...365
Pangolin 191
Pangshura tectum ...567
—— *tentoria* 566
Panurus biarmicus ...216
Paradise, Lesser Bird of 274
——, Red Bird of ...275
——, Twelve-wire Bird of.....275
Paradisea minor 274
—— *rubra* 275
Paradoxure, Common 59

Page
Paradoxure, Golden 60
——, Gray's..... 61
——, Marked 61
——, Masked 60
——, Musanga 60
——, Philippine..... 61
——, Prehensile..... 61
——, Three-striped... 60
——, Two-spotted ... 59
——, Tytler's 60
——, White-whiskered..... 61
Paradoxurus grayi ... 61
—— *larvatus* 60
—— *leucomystax* ... 61
—— *musanga* 60
—— *philippensis*..... 61
—— *prehensilis* 61
—— *stigmaticus*..... 61
—— *trivirgatus* 60
—— *typus* 59
—— *tytleri* 60
—— *zeylanicus* 60
Paroaria capitata ...248
—— *cucullata*.....248
—— *larvata* 248
Parrakeet, Alexandrine.....320
——, All-green 352
——, Alpine 333
——, Banded 322
——, Barraband's ...324
——, Beautiful 334
——, Black-tailed ...324
——, Blood-rumped..334
——, Blossom-headed 321
——, Blue-banded Grass 327
——, Blue-bonnet ...333
——, Blue-crowned...325
——, Blue-crowned Hanging 326
——, Blue-rumped...323
——, Bourke's Grass.328
——, Ceylonese Hanging 326
——, Elegant Grass..327
——, Golden-backed Hanging 326
——, Golden-fronted 353
——, Golden-headed.333
——, Golden-winged.353
——, Great-billed ...325
——, Green Ground..329
——, Grey-breasted..345
——, Horned 332
——, Javan 322
——, King 324
——, Lucian's.....322

Page
Parrakeet, Malabar...322
——, Malaccan 322
——, Many-coloured.334
——, Masked 335
——, Mueller's 325
——, New-Zealand...333
——, Orange-bellied Grass 328
——, Orange-flanked.353
——, Orange-winged 353
——, Red-cheeked ...323
——, Red-winged ...324
——, Ring-necked ...321
——, Rose-ringed ...321
——, Rosy 322
——, Saisset's.....333
——, Sclater's Hanging.....326
——, Shining 335
——, Slight-billed ...341
——, Splendid Grass 328
——, Swift 334
——, Tabuan 334
——, Tovi 353
——, Tui 353
——, Turquoisine Grass 327
——, Undulated Grass 328
——, Uvæan 332
——, Western Ground 329
——, White-billed ...325
——, Yellow-winged.353
Parrot, Brown-headed 337
——, Brown-necked..337
——, Dusky 352
——, Greater Vasa...335
——, Grey 336
——, Jardine's 337
——, Lesser Vasa ...336
——, Levaillant's ...337
——, Maximilian's...352
——, Meyer's 337
——, Night.....316
——, Passerine 335
——, Praslin 336
——, Red-capped ...352
——, Red-vented ...351
——, Rüppell's 338
——, Senegal 337
——, Sordid 352
——, Timneh 336
——, White-bellied..351
——, White-headed..352
Partridge.....470
——, Bamboo 469
——, Barbary 475
——, Black-headed...475

Page
Partridge, Bonham's 476
——, Buff-breasted...467
——, Capoeira 472
——, Chukar 475
——, Crowned 472
——, Gambel's 474
——, Greek.....474
——, Guiana 472
——, Hay's 476
——, Himalayan Snow.....476
——, Hodgson's 470
——, Red-legged.....475
——, White-eye-browed Tree 473
Parus ater 217
—— *borealis* 217
—— *cæruleus* 217
—— *cristatus* 217
—— *cyanus*.....217
—— *major* 217
—— *palustris* 217
Passer alario 253
—— *diffusus* 253
—— *luteus* 253
—— *montanus*.....253
—— *simplex* 253
Passerita mycterizans.615
Pastor, Blyth's 273
——, Rose-coloured..272
Pastor blythi 273
—— *roseus* 272
Pauxis galeata.....501
Pavo cristatus 490
—— *nigripennis* 491
—— *spicifer* 492
Peafowl, Black-winged 491
——, Common 490
——, Javan.....492
Peccary, Collared ...184
——, White-lipped...185
Peewit, Black-breasted 526
——, Wattled.....527
——, Yellow-wattled.527
Pelea capreolus.....145
Pelecanus conspicillatus 395
—— *crispus*.....395
—— *fuscus* 395
—— *mitratus* 395
—— *onocrotalus* 394
—— *rufescens* 395
Pelican, Australian...395
——, Brown.....395
——, Crested 395
——, Mitred 395
——, Red-backed ...395
——, White.....394
Page
Pelobates fuscus 630
Pelomedusa galeata...570
—— *gehafi* 570
Pelophilus madagascariensis 600
Penelope boliviana ...502
—— *cristata* 502
—— *greeyi* 502
—— *jacucaca* 503
—— *marail*.....502
—— *pileata*.....503
—— *purpurascens* ...502
—— *superciliaris* ...503
Penguin, Black-footed 543
——, Gentoo 542
——, Humboldt's ...543
——, Jackass 543
——, King 542
——, Rock-hopper ...543
Pentonyx, Abyssinian 570
——, Galeated.....570
Perameles, Rabbit-eared.....196
——, Short-nosed ...196
Perameles lagotis.....196
—— *obesula*.....196
Perca fluviatilis 636
Perch, Common 636
Perdicula asiatica ...472
—— *cambayensis*.....472
Perdix cinerea 470
—— *hodgsoniæ* 470
Perisoreus infaustus...280
Peristera geoffroii ...454
Pernis apivorus 369
—— *ptilorhynchus* ...369
Perodicticus potto ... 47
Petrel, Cape.....463
Petrogale penicillata..203
—— *xanthopus* 202
Petromyzon branchialis 648
—— *fluviatilis*.....648
—— *marinus* 647
Petronia petronella ...254
—— *stulta* 254
Pezoporus formosus ...329
Phacochœrus æthiopicus.....179
—— *africanus*.....180
Phalacrocorax brasilianus 398
—— *carbo* 397
—— *graculus* 398
—— *lugubris* 398
Phalanger, Ariel 199
——, Dormouse 198
——, Short-eared ...198
Page
Phalanger, Short-headed 199
——, Squirrel-like ...199
——, Vulpine 197
——, Yellow-bellied .199
Phalangista canina...198
—— *vulpina* 197
Phaps chalcoptera ...460
—— *elegans*.....460
—— *histrionica* 460
*Phascolarctus cinereus*197
Phascolomys latifrons.207
—— *lasiorhinus* 207
—— *platyrhinus*.....207
—— *wombat*..... 207
Phasianus colchicus...478
—— *elegans*.....478
—— *ellioti* 480
—— *reevesi* 479
—— *sœmmerringi* ...479
—— *torquatus*.....478
—— *versicolor* ... .478
—— *wallichii* 480
Pheasant 478
——, Amherst's 481
——, Argus 493
——, Bar-tailed 479
——, Cheer 480
——, Crested Peacock493
——, Elegant 478
——, Elliot's 480
——, Geoffroy's Blood 467
——, Germain's Peacock 403
——, Gold 481
——, Japanese 478
——, Peacock 492
——, Ring-necked ...478
——, Rufous-tailed...478
——, Siamese 483
——, Silver 485
——, Sœmmerring's..479
——, Swinhoe's 483
Pheucticus chrysogaster 250
Philodryas reinhardti 612
—— *serra* 612
—— *viridissimus*.....612
Phlogœnas bartletti ...461
—— *crinigera* 461
—— *cruentata*.....461
—— *stairi* 462
Phoca grœnlandica ... 92
—— *vitulina* 92
Phocœna communis ...185
—— *tuberculifera* ...185
Phœnicopterus antiquorum 413
—— *ignipalliatus* ...413

Page
Phœnicopterus ruber ..413
Phonipara bicolor ...247
—— *canora* 247
—— *olivacea* 247
Phrygilus alaudinus...249
—— *fruticeti* 249
—— *gayi* 249
Phrynosoma cornutum 592
—— *douglassi* 593
—— *orbiculare* 593
Phyllodactyle, European 578
Phyllodactylus europæus 578
Phyllomedusa daenicolor 629
—— *hypochondrialis*.630
Phyllornis aurifrons...222
—— *hardwickii* 222
Phylloscopus sibilatrix 214
—— *trochilus* 214
Piapec 283
Pica bootanensis 279
—— *mauritanica* ...279
—— *rustica* 279
—— *sericea* 279
Pie, Chinese Blue ...282
——, Chinese Tree ..283
——, Occipital Blue..282
——, Siamese Blue...282
——, Wandering Tree 283
——, Yellow-billed Blue 282
Pig, Papuan.....182
Pigeon, Araucanian...449
——, Banded Fruit.. 444
——, Bare-faced Fruit.....445
——, Bartlett's 461
——, Black-headed Fruit.....444
——, Blood-breasted.461
——, Blue-headed ...462
——, Bronze Fruit ...443
——, Bronze-winged .460
——, Brush Bronze-wing 460
——, Brown-tailed Fruit.....443
——, Cape 539
——, Common Crowned 463
——, Crested 459
——, Cuban 449
——, Double-banded.445
——, Double-crested .444
——, Emilian 451
Page
Pigeon, Harlequin Bronze-winged.....460
——, Jambu Fruit ...444
——, Naked-eyed ...448
——, Narrow-barred.451
——, Nicobar 462
——, Nutmeg Fruit ..443
——, Parrot Fruit ...445
——, Passenger 449
——, Pheasant-tailed 451
——, Picazuro.....448
——, Porto-Rico.....447
——, Purple-shoulder ed 445
——, Red-crowned...444
——, Red-naped Fruit.....443
——, Ring-tailed ..447
——, Rock 446
——, Rufous 449
——, Specious.....448
——, Spotted ...447, 448
——, Superb Fruit...444
——, Tambourine ...459
——, Thick-billed ...445
——, Tooth-billed ...463
——, Triangular-spotted 447
——, Victoria crowned 463
——, Vinaceous 449
——, Wattled Fruit..443
——, Wedge-tailed ...445
——, White Fruit ...443
——, White-backed ..446
——, White-crowned 447
——, White-naped ...448
——, White-throated Violet 449
——, Wonga-Wonga.461
Pigeon-Hawk 382
Pike 643
Pine-Grosbeak.....260
Pine-Marten 76
Pinicola enucleator ...260
Pintail 434
——, Chilian 435
Pionopsitta pileata ...352
Pionus maximiliani...352
—— *menstruus* 351
—— *senilis* 352
—— *sordidus* 352
—— *violaceus* 352
Pipefish, Deep-nosed .645
——, Great 645
——, Oceanic 646
——, Straight-nosed .645
——, Worm.....645
Pipile cujubi 504
Page
Pipile cumanensis.....503
—— *jacutinga*.....503
Pipilo erythrophthalmus 264
Pipit, Meadow.....220
——, Richard's 220
——, Tree 219
Pipridea melanonota. .229
Pitangus sulphuratus.289
Pithecia albinasa..... 35
—— *chiropotes*..... 35
—— *leucocephala* ... 35
—— *monachus*..... 35
—— *satanas* 35
Pitta, Bengal 288
Pitta bengalensis 288
Pituophis catenifer ...608
Pitylus fuliginosus ...233
Plaice 641
Plantain-cutter, Violaceous 306
Platalea ajaja 409
—— *leucorodia* 409
Platemys geoffroyana.570
—— *gordoni* 570
Platycercus adelaidæ..330
—— *barnardi* 332
—— *eximius* 331
—— *flaveolus* 331
—— *flaviventris* 332
—— *icterotis* 331
—— *pallidiceps* 331
—— *pennanti* 330
—— *pileatus* 331
—— *semitorquatus* ...332
—— *zonarius* 332
Plecotus auritus 97
Plectrophanes nivalis..261
Plectropterus gambensis 415
—— *niger* 416
—— *rueppelli* 415
Plegadis falcinellus ...412
Plesiodon auratus ...586
Pleuronectes flesus ...641
—— *platessa* 641
Pleurostrichus sepiformis 583
Ploceus bengalensis ...245
—— *manyar* 245
Plotus anhinga...398, 399
—— *levaillanti* 398
—— *melanogaster* ...399
Plover, Brazilian Stilt 529
——, Golden 525
——, Grey 525
——, Ring 525
Pochard 440
——, Red-crested ...440

Page
Podargus, Cuvier's ...300
Podargus cuvieri 300
Podiceps auritus 540
—— *grisegena* 540
Podocnemis dumeriliana 569
—— *expansa* 569
—— *unifilis*.....569
Pœocephalus fuscicapillus 337
—— *fuscicollis*.....337
—— *gulielmi* 337
—— *meyeri* 337
—— *robustus* 337
—— *rueppelli* 338
—— *senegalus* 337
Pœphagus grunniens.133
Poëphila cincta 240
Polecat, Common ... 77
Pollock 640
Polyborus brasiliensis.388
Polychrus, Anomalous 591
——, Marbled.....591
Polychrus anomalus...591
—— *marmoratus*.....591
Polyplectron bicalcaratum 493
—— *chinquis* 492
—— *germaini* 493
Polytelis barrabandi...324
—— *melanura*.....324
Pond-Tortoise 561
Pope.....636
Porcula salvania 182
Porcupine, African Brush-tailed.....116
——, Brazilian Tree..116
——, Canadian 116
——, Crested 115
——, Guianan Tree .117
——, Hairy.....117
——, Indian Brush-tailed 116
——, Javan 115
——, Mexican Tree .117
——, Sumatran 115
Porphyrio, Allen's ...512
——, Black-backed...511
——, Grey-headed ...512
——, Indian 511
——, Madagascar ...512
Porphyrio calvus 511
—— *cæruleus* 511
—— *madagascariensis* 512
—— *melanotus*.....511
—— *poliocephalus* ...512
Porpoise 185
Porzana carolina.....509
Porzana maruetta ...509
—— *notata* 509
Potamocharus africanus 183
—— *albifrons* 184
—— *penicillatus*.....183
Potto, Bosman's 47
Pout, Whiting.....640
Pratincola rubetra ...212
Procyon cancrivorus... 82
—— *lotor* 82
Prosthemadera novæzealandiæ 227
Proteles cristatus..... 66
Proteus.....635
Proteus anguinus ...635
Protopterus annectens 646
Psammodromus hispanicus 583
Psammophis crucifer .613
—— *elegans*.....613
—— *sibilans* 613
Psammophylax rhombeatus 602
Psephotus hæmatogaster 333
—— *hæmatonotus*.....334
—— *multicolor* 334
—— *pulcherrimus* 334
Pseudechis porphyriaca 617
Pseudoleistes virescens 269
Pseudophryne australis 626
Pseudopus pallasi 583
Pseudotantalus ibis ...408
—— *leucocephalus* ...408
Psittacula passerina...335
Psittacus erithacus ...336
—— *timneh* 336
Psittinus malaccensis .323
Psophia crepitans.....518
—— *leucoptera* 518
—— *viridis* 518
Pterocles alchata 464
—— *arenarius*.....464
—— *bicinctus* 464
—— *exustus*.....464
—— *fasciatus* 464
—— *lichtensteini* 465
*Pteroglossus torquatus*302
—— *wiedi* 302
Pteromys leucogenys...104
—— *magnificus* 104
Pteropus formosus..... 94
—— *hypomelanus* ... 95
—— *medius*..... 95
—— *poliocephalus* ... 95
Ptilonorhynchus smithi 274
Ptilonorhynchus violaceus 274
Ptilopachys ventralis.....467
Ptilopus fasciatus ...444
—— *jambu* 444
—— *melanocephalus*..444
—— *superbus* 444
Ptilorhis paradisea ...275
Ptilostomus senegalensis 283
Ptyas mucosa.....611
—— *testacea* 611
Ptyodactylus hasselquisti.....578
Pucras, Darwin's.....482
——, Indian 482
——, Yellow-spotted .483
Pucrasia darwini.....482
—— *microlopha* 482
—— *xanthospila*..... 483
Pudua humilis...174, 175
Puff-Adder 621
Puffin 542
Puffinus anglorum ...539
—— *major* 539
Pulsatrix torquata ...361
Puma 53
Pycnonotus crocorrhous 221
—— *hæmorrhous*.....221
—— *jocosus* 221
—— *leucogenys* 220
—— *leucotis* 220
—— *pygmæus*.....220
—— *xanthopus* 221
Pygoscelis tæniatus ...542
Pyranga saira 232
Pyrenestes albifrons.. 244
Pyrrhocorax alpinus ..283
—— *graculus* 283
Pyrrhula europæa ...260
Pyrrhulauda verticalis 288
Pyrrhulopsis personata 335
—— *splendens*..... 335
—— *tahuensis* 334
Pytelia citerior.....236
—— *melba* 236
—— *phœnicoptera* ...236
—— *wieneri*.....237
Python, Indian 597
——, Reticulated 597
——, Royal 597
——, Two-streaked...597
——, West-African...596
Python bivittatus.....597
—— *molurus* 597
—— *regius* 597

Page
Python reticulatus... 597
—— *sebæ* 596

Quagga.....131
Quail.....470
——, Asiatic 472
——, Australian 471
——, Californian 474
——, Cambaian 472
——, Chinese 470
——, Harlequin 470
——, Pectoral 471
——, Rain 471
——, Tasmanian.....471
Quelea russi 245
—— *sanguinirostris*...245
Querquedula brasiliensis 433
—— *circia* 434
—— *crecca* 433
—— *creccoides*.....434
—— *falcata*.....434
—— *formosa* 433
Quiscalus lugubris ...270
—— *versicolor*.....270

Rabbit, Common.....123
Raccoon 82
——, Crab-eating ... 82
Rail, Australian 508
——, Bar-winged ...509
——, Celebean.....508
——, Earl's Weka ...510
——, New-Caledonian 510
——, Sooty 508
——, Water.....507
——, Weka 510
——, West-Indian ...508
——, White-spotted .508
——, Woodhen... ...510
Rallina pœciloptera...509
Rallus aquaticus 507
—— *celebensis* 508
—— *maculatus* 508
—— *pectoralis* 508
—— *rhytirhynchus* ...508
Ramphastos ariel.....301
—— *carinatus*.....301
—— *cuvieri* 301
—— *dicolorus* 302
—— *erythrorhynchus*.301
—— *tocard* 301
—— *toco* 300
—— *vitellinus*.....302
Ramphocælus brasilius 232
Rana catesbiana 625
—— *clamata* 626
—— *esculenta* 625
Page
Rana halecina 625
Rangifer tarandus ...175
Rat, Bay Bamboo 112
——, Black 109
——, Brown 110
——, Gambian Pouched 109
——, Golden-bellied Beaver 108
——, Ground 115
——, Spiny... 114
Ratel, Cape 79
——, Indian 79
Rat-Kangaroo, Gaimard's 206
——, Ogilby's 206
——, Rufous 205
——, Tasmanian.....206
——, White-tipped...207
Rattlesnake, Common.622
——, Confluent 622
——, Horrid 623
——, Leconte's 622
——, Smaller 623
Raven 275
Razorbill 541
Recurvirostra avocetta 528
Redpole, Lesser 259
——, Mealy.....259
Redshank ...,.....531
Redstart 212
Redwing 209
Reed-Bunting 262
Reed-Warbler 214
Reedling, Bearded ...223
Regent Bird.....224
Reh-bok 145
Reindeer 175
Rhea, Common 552
——, Darwin's.....554
——, Great-billed ...553
Rhea americana 552
—— *darwinii* 554
—— *macrorhyncha* ...553
Rhinechis scalaris ...608
Rhinoceros, Hairy-eared.....126
——, Indian 125
——, Javan 126
——, Sumatran 127
——, Two-horned ...128
Rhinoceros bicornis ..128
—— *lasiotis* 126
—— *sondaicus*.....126
—— *sumatrensis*.....127
—— *unicornis*.....125
Rhinochetus jubatus...523
Rhinostoma cupreum..601
Rhizomys badius 112
Page
Rhizothera longirostris 469
Rhodonessa caryophyllacea 432
Rhombus lævis.....641
—— *maximus*.....641
Rhynchotus perdicarius 547
—— *rufescens* 546
Rhytidoceros plicatus.298
Rice-bird, American..267
Rifle-bird 275
Ring-Dove 446
Ring-Ouzel 211
Rissa tridactyla 534
River-Hog, Red 183
——, Southern 183
River-Lamprey 648
Roach 644
Robin, American.....210
Rock, Demeraran Cock of the 290
Rock-Pigeon 446
Rock-Thrush 211
Rockling, Five-bearded 640
Roe, Common 172
Roe-Deer, White-rumped.....172
Roller 299
Rollulus coronatus ...472
—— *cristatus* 472
Rook.....278
Ruff 531
Ruffe or Pope 636
Rupicapra tragus 150
Rupicola crocea 290
Rusa javanica 164
Ruticilla phœnicurus..212

Saiga tatarica 143
Saki, Black 35
——, Humboldt's ... 35
——, Red-backed 35
——, White-headed .. 35
——, White-nosed ... 35
Salamander, Black ...631
——, Gigantic.....634
——, Illinois 633
——, Spotted 631
Salamandra atra.....631
—— *maculosa* 631
Salmo fario 642
—— *fontinalis*.....642
—— *lacustris* 642
—— *salar* 642
—— *trutta* 642
—— *umbla* 642
Salmon.....642
—— Trout 642

Page
Saltator, Allied 232
Saltator aurantiirostris 232
—— *similis* 232
Sand-Badger 80
Sand-Grouse, Banded
——, Black-bellied ...464
——, Double-banded.464
——, Lesser Pin-tailed 464
——, Lichtenstein's ..465
——, Pallas's 465
——, Pin-tailed 464
Sand-Lizard.....582
——, Spanish.....582
Sand-Skink, Greenish587
——, Ocellated 587
——, Three-toed.....587
Sand-Smelt 639
Sand-Snake, Hissing..613
——, Slender 613
Sanderling 531
Sandpiper, Common .531
Sarcidiornis carunculata 427
—— *melanonota* 427
Sarciophorus bilobus...527
—— *pectoralis*.....526
Sarcorhamphus gryphus 392
Saxicola œnanthe.....212
Scardafella squamosa..456
Scaup 440
Sceloglaux albifacies...361
Sceloporus garmani...592
—— *microlepidotus*...591
Scelotes bipes 587
Schizorhis africana ...306
Sciuropterus fimbriatus 105
—— *layardi*.....105
—— *volucella* 104
Sciurus æstuans 102
—— *bicolor* 99
—— *blanfordi* 100
—— *caniceps* 101
—— *castaneiventris*... 99
—— *cinereus* 101
—— *dorsalis* 103
—— *ephippium* 100
—— *erythropus* 101
—— *gerrardi* 103
—— *griseopectus*..... 99
—— *hudsonius* 102
—— *hypopyrrhus* ...102
—— *ludovicianus* ...102
—— *macruroides*.....100
—— *macrurus* 100
—— *maximus*..... 99
—— *nigro-vittatus* ...100

Page
Sciurus palmarum ...101
—— *plantani* 100
—— *prevosti* 100
—— *stramineus* 103
—— *tennenti* 99
—— *tristriatus* 101
—— *variabilis*.....103
—— *variegatus* 102
—— *vulgaris* 98
—— *vulpinus* 102
—— ——, var. *capistrata* 102
Scolopax rusticula ...529
Scops asio.....361
—— *giu* 360
—— *leucotis*.....361
Scopus umbretta 408
Scoter, Common 441
Scotopelia peli 361
Screamer, Crested ...414
——, Derbian 414
Scyllium canicula ...647
—— *stellare* 647
Sea-Eagle, Chilian ...371
——, Mace's.....373
——, Vociferous 373
——, White-bellied...373
——, White-headed..373
Sea-horse, Branched..646
——, Short-nosed ...646
Sea-Lamprey 647
Sea-lion, Cape 91
——, Patagonian ... 90
Seal, Bladder-nosed... 93
——, Common 92
——, Greenland 92
——, Grey 91
——, Mediterranean . 93
Seed-eater, St. Helena257
——, Sulphury 258
——, White-throated258
——, Yellow-rumped258
Seed-Finch, Thick-billed 251
——, Tropical.....251
Selenidera maculirostris 302
Seleucides nigricans...275
Semnopitheeus entellus 3
—— *leucoprymnus* ... 3
—— *maurus* 4
—— *mitratus* 3
—— *obscurus* 3
Sepedon hæmachates...619
Seps ocellatus 587
—— *tridactylus* 587
—— *viridanus*.....587
Sericulus melinus.....224
Serin 258

Page
Serinus canarius 258
—— *canicollis* 259
—— *hortulanus* 258
Serpent, Rat-tailed ...624
Serpentarius reptilivorus.....391
Serval 49
Shag 398
Shanny, Smooth 638
Shearwater, Greater...539
——, Manx 539
Sheathbill, Black-billed 528
——, Yellow-billed...528
Sheep, Barbary Wild.156
——, Blanford's 155
——, Burrhel Wild...155
——, Domestic 153
——, Punjab Wild...155
Sheldrake, Australian429
——, Common 428
——, Ruddy 428
——, Variegated.....429
——, White-fronted..429
Shoebill 407
Shore-Lark 288
——, White-bellied...288
Shoveller 437
Shrew, Pegunn Tree... 94
Shrike, Four-coloured225
——, Great Grey.....225
——, Grey Crow 285
——, Hill Crow 285
——, Pied Crow 285
——, Red-backed ...225
——, Sooty Crow ..285
Sialia wilsonii 213
Sibia, Black-headed...223
Sibia capistrata 223
Silubosaurus stokesi...584
Silurus, Electric 641
——, Sly 641
Silurus glanis 641
Silver-bill, African ...239
——, Indian 239
Simia satyrus 1
Siphonostoma typhle...645
Siredon mexicanus ...633
Siren.....635
Siren lacertina.....635
Siskin 256
——, American 256
——, Black-throated..257
——, Indian 256
——, Yarrell's.....257
Sitta cæsia 218
—— *europæa* 218
Skink, Aldrovandi's...586
——, Australian 586
——, Cocteau's 585

Page
Skink, Cunningham's..585
——, Greenish Sand..587
——, Ocellated Sand..587
——, Three-toed Sand587
——, White's 586
Skua, Antarctic 533
——, Common 533
——, Pomatorhine ...533
——, Richardson's ...533
Skunk, Canadian..... 81
——, Chilian 81
Sky-Lark 286
——, Indian 286
——, Thick-billed ...286
Sloth, Hoffmann's ...187
——, Three-toed.....186
——, Two-toed 186
Slowworm 586
——, Spotted 588
Smelt, Sand 639
Smew 442
Snake, Æsculapian ...609
——, All-green Tree..612
——, American Black609
——, Annulated 616
——, Antillean 612
——, Aurora 617
——, Back-marked ...608
——, Band-tailed Tree614
——, Black-and-White Blind.....596
——, Black-and-Yellow 608
——, Black-headed ...601
——, Bordeaux 603
——, Cananina 610
——, Carpet.....598
——, Chained 608
——, Clifford's 611
——, Cobella 605
——, Common.....605
——, Copperhead ...623
——, Coppery.....601
——, Coral 601
——, Crossed 613
——, Dahl's.....611
——, Dark-green 610
——, Deadly 624
——, Dekay's 607
——, Diamond 598
——, D'Orbigny's ...608
——, Fierce.....606
——, Fitzinger's 616
——, Four-lined.....609
——, Four-rayed ...609
——, Fugitive.....612
——, Garter 607
——, Glass 583
——, Grass 612
——, Hissing Sand ...613
Page
Snake, Hoary 604
——, Hog-nosed 608
——, Hooded 603
——, Horseshoe 610
——, Indian Rat.....611
——, Indian River ...606
——, Lacertine 614
——, Lineated.....611
——, Long-banded ...606
——, Long-headed ...605
——, Long-snouted...615
——, Many-spotted...604
——, Merrem's 605
——, Mocassin 607
——, Neck-marked ...611
——, Ornamented Tree 614
——, Plumbeous.....616
——, Pointed Tree ..615
——, Punctured 602
——, Red-and-black..605
——, Reinhardt's Tree 612
——, Rhomb-marked.602
——, Ring-hals 619
——, Robben-Island..604
——, Rufescent 615
——, Rufous 602
——, Saw-marked ...612
——, Say's 604
——, Seven-banded...607
——, Sharp-snouted..608
——, Slender Sand ...613
——, Smooth 603
——, Smooth-bellied..602
——, South-American Rat 609
——, Spot-bellied ...611
——, Spotted-headed.607
——, Square-spotted..616
——, Striped 607
——, Testaceous.....611
——, Tigrine 606
——, Uniform Water613
——, Vivaceous 602
——, Viperine 606
——, Yellow 600
Snapper, Temminck's.567
Snipe, Common 530
Snow-Bunting 261
Sole, Common 641
Solea vulgaris 641
Somateria mollissima..441
Song-Sparrow, Pileated 264
——, White-throated.264
Song-Thrush 209
Souslik, European ...105
——, Mexican.....105
——, Mongolian 105
Page
Sparrow, Alario 253
——, Black-breasted 253
——, Chipping 264
——, Golden 254
——, Grey-headed ...253
——, Java 240
——, Pileated Song...264
——, Rock 254
——, Tree 253
——, White-throated Song.....264
——, Yellow 253
——, Yellow-throated Rock.....254
Sparrow-hawk 378
——, Black-and-white379
Spatula clypeata 437
Spelerpes fuscus 633
Speotyto cunicularia 362, 363
Spermestes cucullata...236
—— *fringilloides*.....236
Spermophila albogularis 252
—— *cærulescens* 252
—— *culeri* 252
—— *gutturalis* 252
—— *hypoleuca* 253
—— *lineata*.....252
—— *lincola*.....251
—— *nigro-aurantia*...252
—— *ophthalmica*.....251
—— *plumbea* 252
Spermophilus citillus..105
—— *mexicanus* 105
—— *mongolicus* 105
Spermospiza hæmatina 244
Sphagolobus atratus 297
Spheniscus demersus...543
—— *humboldti* 543
—— *magellanicus* .. 543
Sphenedon punctatus..577
Sphingurus insidiosus 117
—— *mexicanus* 117
—— *prehensilis* 116
—— *villosus*.....117
Spilornis bacha.....378
—— *cheela* 378
Spilotes pœcilostoma...610
—— *variabilis*.....609
Spizaetus caligatus...377
—— *ceylonensis* 377
—— *coronatus*.....377
—— *orientalis*.....377
—— *ornatus*.....376
—— *tyrannus*.....377
Spizella socialis 264
Spoonbill 409
——, Roseate 409

Page
Spring-bok 142
Spur-fowl, Ceylonese 467
——, Hardwicke's ...466
——, Rufous 466
Squatarola helvetica...525
Squirrel, Black Hill...100
——, Blanford's .. 100
——, Chestnut-bellied 99
——, Chipping 104
——, Common 98
——, Dorsal 102
——, Fraser's 103
——, Grey 101
——, Grey-breasted... 99
——, Grizzled Hill ...100
——, Hoary-headed...101
——, Hudson's-Bay...102
——, Jelerang..... 99
——, Malabar..... 99
——, Malayan.....100
——, Palm 101
——, Plantain.....100
——, Prevost's 100
——, Red-bellied ...102
——, Saddled 100
——, Tennent's 99
——, Three-striped...101
——, Tropical 102
——, Variable 103
——, Vulpine 102
——, White-banded..101
——, Yellow-footed...102
Squirrel-Monkey 26
——, Naked-eared ... 28
——, Red-backed ... 27
Starling.....271
——, Chilian 269
——, Chopi 270
——, De Filippi's Meadow- 269
——, Green Glossy...270
——, Long-tailed Glossy 271
——, Louisianian Meadow 269
——, Purple-headed Glossy 270
——, Red-shouldered268
——, Rufous-vented Glossy 271
Starnænas cyanocephala.....462
Steatornis caripensis..300
Stercorarius antarcticus.....533
—— *catarrhactes*.....533
—— *crepidatus* 533
—— *pomatorhinus* ...533
Sterna anglica 538
Page
Sterna cantiaca 538
—— *hirundo* 538
—— *macrura* 538
Sternothærus derbianus.....570
—— *niger* 570
—— *subniger* 569
Sternothere, Black ...570
——, Blackish.....569
——, Derbian 570
Stickleback, Fifteen-spined 636
——, Scaly-sided.....636
——, Ten-spined.....636
Stilt, Black-necked...528
Stoat, Common 77
Stone-Curlew 524
Stock-Dove 446
Stork, Black.....405
——, Black-necked...406
——, Boyce's 405
——, Maguari 406
——, Marabou.....407
——, Saddle-billed ...406
——, White.....405
—— White-bellied...406
——, White-necked...406
Strepera anaphonensis.....285
—— *arguta*.....285
—— *fuliginosa* 285
—— *graculina*.....285
Strepsiceros kudu.....136
Strepsilas interpres ...527
Stringops habroptilus 316, 317
Strix capensis 355
—— *delicatula*.....354
—— *flammea* 354
—— *novæ-hollandiæ* 354
Struthidea, Grey.....223
Struthidea cinerea ...223
Struthio camelus 551
Sturgeon, Common...646
Sturnella defilippi ...269
—— *ludoviciana* 269
Sturnia malabarica...272
Sturnopastor contra...271
Sturnus vulgaris 271
Sucker, Bimaculated 639
——, Unctuous 638
Sugar-bird, Blue 228
——, Yellow-winged 228
Sula bassana 396
—— *leucogastra* 396
Summer-Duck 438
Sun-Bittern 523
Suricata tetradactyla 65
Suricate 65
Surnia funerea.....364
Page
Surucucu 624
Sus andamanensis ...181
—— *cristatus* 181
—— *leucomystax*.....182
—— *papuensis*.....182
—— *scrofa* 180
—— ——, var. *plicieeps* 180
—— ——, var. *sinensis* 181
—— *taivanus* 182
—— *timorensis* 181
—— *vittatus* 182
Swallow 226
Swan, Bewick's 423
——, Black 424
——, Black-necked ...424
——, Coscoroba 424
——, Mute 423
——, Trumpeter 424
——, Whooper 423
Swift.....291
Swine, Andaman..... 181
——, Formosan 182
——, Indian 181
——, Javan.....182
——, Timorese 181
——, White-whiskered 182
——, Wild 180
Sycalis flaveola 257
—— *luteola* 257
Sylvia atricapilla.....214
—— *cinerea*.....214
—— *curruca* 214
Syngnathus acus 645
Synœcus australis.....471
—— *diemenensis* 471
Sypheotides bengalensis 518
Syrnium aluco 356
—— *indranee* 357
—— *nebulosum* 357
—— *sinense* 357
—— *woodfordi* 357
*Syrrhaptes paradoxus*465

*Tachybaptes fluviatilis*540
Tachyeres cinereus ...442
Tachymenis vivax ...602
Tachyphonus coronatus.....231
—— *melaleucus* 231
Tadorna cana 429
—— *casarca* 428
—— *tadornoides* 429
—— *variegata* 429
—— *vulpanser*.....429
Talegalla lathami ...505
Talpa europæa..... 93

Page
Tamandua tetradactyla 190
Tamarin, Negro 39
——, Red-handed ... 38
Tamias striatus 104
Tanager, All-Green...228
——, Archbishop ...231
——, Black 231
——, Black-backed...229
——, Black-headed...232
——, Black-necked...229
——, Black-shouldered 230
——, Blue-and-Black230
——, Blue-shouldered 231
——, Brazilian 232
——, Crowned 231
——, Fasciated 233
——, Festive 229
——, Fuliginous.....233
——, Green-headed 230
——, Magpie 232
——, Orange-billed...232
——, Palm 231
——, Pectoral.....229
——, Saira 232
——, Sayaca 230
——, Silver-blue ...230
——, Striated 231
——, Superb 230
——, Thick-billed ...229
——, Violet 229
Tanagra cana 230
—— *cyanoptera* 231
—— *ornata* 231
—— *palmarum* 231
—— *sayaca* 230
—— *striata* 231
Tantalus, African ...408
——, American 408
——, Indian 408
Tantalus loculator ...408
Tanygnathus albirostris 325
—— *luzonensis*.....325
—— *megalorhynchus* 325
—— *muelleri* 325
Taphozous nudiventris 98
Tapir, Baird's 130
——, Brazilian 128
——, Dow's 130
——, Hairy 129
——, Malayan.....129
Tapirus americanus 128, 129
—— *bairdi* 130
—— *dowii* 130
—— *indicus* 129
Page
Tapirus roulini 129
Taraguira smithi.....592
Tarentola delalandii 577
—— *mauritanica*.....577
Tatusia hybrida 187
—— *kappleri* 187
—— *peba*.....187
Taxidea americana ...79
Tayra 78
Teal, Brazilian 433
——, Chilian 434
——, Common 433
——, Falcated.....434
——, Japanese 433
Teetee, Black-fronted..34
——, Brown 34
——, Moloch 34
Teguexin, Common...580
——, Red.....580
Teius rufescens 580
—— *teguexin* 580
Tench, Common 644
Tern, Arctic.....538
——, Black 538
——, Common 538
——, Gull-billed.....538
——, Sandwich 538
Terrapene amboinensis 561
—— *carinata* 561
Terrapin, Abnormal..567
——, Adorned 564
——, Alligator 567
——, Annulated 564
——, Bennett's 565
——, Black-headed...566
——, Broad-headed ..566
——, Caspian 564
——, Ceylonese 566
——, Dura 566
——, Floridan 562
——, Fuliginous.....565
——, Geoffroy,s 570
——, Gordon's 570
——, Hamilton's ...565
——, Hicotee 563
——, Matamata 571
——, Maw's 567
——, Maximilian's ...571
——, Muhlenburg's...563
——, Oldham's 566
——, Painted 562
——, Pennsylvanian Mud 568
——, Red-bellied ...562
——, Reeve's 566
——, Roofed 567
——, Rough 564
——, Salt-water 563
——, Scorpion Mud..568
Page
Terrapin, Serrated ...563
——, Spanish 565
——, Speckled.....562
——, Spix's Mud ...568
——, Stink-pot 568
——, Thick-necked...566
——, Thurgi 565
——, White-mouthed Mud 568
——, Wrinkled 563
Testudo argentina ...558
—— *carbonaria* 558
—— *chilensis* 558
—— *elephantina*.....559
—— *elephantopus* ...559
—— *elongata* 557
—— *geometrica* 556
—— *græca* 555
—— *hololissa* 559
—— *indica* 558
—— *mauritanica* ...555
—— *marginata* 555
—— *pardalis* 556
—— *polyphemus*.....557
—— *radiata* 556
—— *semiserrata* 556
—— *stellata* 557
—— *sulcata*.....556
—— *tabulata* 557
Tetraceros quadricornis.....148
—— *subquadricornutus* 148
Tetrao cupido 465
—— *phasianellus* ...465
—— *tetrix* 466
——*urogallus* 466
Tetraogallus himalayensis 476
Tetrapteryx paradisea 522
Textor alector 246
Thalassochelys caouana 573
Thar..... 153
*Thaumalea amherstiæ*481
—— *picta* 481
Theristicus caudatus...411
Theropithecus gelada ...23
Thicknee, Australian .524
——, Double-striped.524
——, Peruvian 524
Thrasaetus harpyia...371
Thrush, Brown 210
——, Falkland Island210
——, Horsfield's Whistling 212
——, Missel..... 210
——, Orange-headed Ground 211

Page
Thrush, Red-bellied..... 210
——, Red-headed Laughing.....223
——, Rock 211
——, Solitary 211
——, Song 209
——, Sorry 210
——, White-bellied...210
Thunder-fish 644
Thylacinus cynocephalus.....196
Tiaris jacarina 249
Tiger 48
——, Clouded 49
Tigrisoma brasiliense.404
—— *leucolophum* ...405
Tinamou, Banded ...545
——, Chilian 547
——, Little 545
——, Obsolete.....545
——, Rufous 546
——, Solitary 545
——, Spotted 547
——, Tataupa.....545
——, Undulated.....546
——, Variegated.....546
Tinamus solitarius ...545
Tinca vulgaris.....644
Tinnunculus alaudarius 383
—— *cenchris* 384
—— *cenchroides* 384
—— *sparverius* 384
—— *vespertinus*..... 384
Titmouse, Azure 217
——, Bearded.....216
——, Blue 217
——, Coal 217
——, Crested 217
——, Great.....217
——, Marsh 217
——, Northern Marsh 217
Toad, Channelled ...628
——, Common 627
——, Dusky.....627
——, Fire-bellied ...630
——, Giant 628
——, Green.....627
——, Midwife 630
——, Moorish.....627
——, Natterjack 627
Toccus erythrorhynchus 299
—— *melanoleucus* ..298
Tolypeutes conurus ...189
—— *tricinctus*.....189
Tomb-Bat, Naked-bellied 98
Page
Tortoise, Algerian ...555
——, Amboina Box...561
——, American Box..561
——, Angulated 560
——, Areolated 559
——, Argentine 558
——, Black 558
——, Brazilian 557
——, Burmese.....557
——, Duméril's Grieved 569
——, Elephantine ...559
——, European Pond.....561
——, Florida 557
——, Galapagan.....559
——, Geometric 556
——, Greek... 555
——, Grooved.....556
——, Horsfield's.....559
——, Indian 558
——, Large Grieved..569
——, Leopard... 556
——, Margined 555
——, One-bearded Grieved 569
——, Radiated 556
——, Semiserrated ...556
——, Smooth 559
——, Starred 557
Tortrix scytale.....601
Totanus calidris 531
Toucan, Ariel 301
——, Cuvier's.....301
——, Doubtful 301
——, Green-billed ...302
——, Red-billed 301
——, Sulphur-and-white-breasted.....302
——, Sulphur-breasted 301
——, Toco 300
Toucanet, Spotted-billed 302
Touracou, Buffon's ...306
——, Great-billed ...307
——, Purple-crested..307
——, Red-crested ...307
——, Senegal 307
——, Variegated.....306
——, White-crested...307
Trachinus draco 637
—— *vipera* 637
Trachydosaurus rugosus..... 584
Tragelaphus scriptus..137
—— *sylvaticus* 137
Tragopan, Black-headed 489
——, Blyth's 490
Page
Tragopan, Cabot's Horned.....490
——, Horned 489
——, Temminck's .. 489
Tragulus javanicus...176
—— *meminna* 176
—— *stanleyanus*.....176
Tree-Boa 599
——, Pale-headed ...600
——, Thick-necked...600
Tree-Duck, Eyton's...427
——, Fulvous 427
——, Indian 426
——, Larger 427
——, Red-billed..... 426
——, White-faced ...425
Tree-Frog, European.628
——, Ewing's 629
——, Krefft's 629
——, Leaf-green Tree629
——, Orange-shanked603
——, Péron's 629
——, White's 629
——, Yellow-footed...629
Tree-Pie, Chinese ...283
——, Wandering ...283
Tree-Pipit 219
Tree-Shrew, Peguan 94
Tree-Snake, All Green 612
——, Banded-tailed...614
——, Ornamented ...614
——, Pointed 615
——, Reinhardt's ...612
Treron bicincta 445
—— *calva* 445
—— *macrorhyncha*...445
—— *phœnicoptera* ...445
—— *sphenura* 445
—— *viridis* 445
Tretanorhinus nigroluteus 608
Tribonyx mortieri 513, 514
—— *ventralis* 513
Trichechus rosmarus ...91
Trichoglossus chlorolepidotus.....320
—— *concinnus* 320
—— *cyanogrammus*..319
—— *hæmatodes* 319
—— *mitchelli* ..... .320
—— *novæ-hollandiæ* .319
—— *ornatus* 320
*Trigonocephalus atrox*624
—— *lanceolatus* 624
Tringa alpina 530
—— *canutus* 530
Tringoides hypoleucus 531

Page
Trionyx, Chinese ...572
——, Egyptian 571
——, North-American 572
Trionyx ægyptiacus ...571
—— *ferox* 572
—— *perocellatus*.....572
Trochalopteron erythrocephalum 223
Tropidolepisma, Large 584
*Tropidolepisma majus*584
Tropidonotus fasciatus.....607
—— *ferox* 606
—— *leberis* 607
—— *natrix* 605
—— *ordinatus*.....607
—— *quincunciatus*....606
—— *sirtalis* 607
—— *tigrinus* 606
—— *viperinus*.....606
—— *vittatus* 606
Troupial, Black 270
——, Changeable ...270
——, Rich Black.....269
——, Yellow 268
——, Yellow-headed.268
Trout, Common 642
——, Lake 642
——, Salmon 642
Trumpeter, Common.518
——, Green-winged...518
——, White-backed...518
Tupaia, Tana 94
Tupaia peguana 94
—— *tana*..... 94
Turbot, Common.....641
Turdus albiventris ...210
—— *falklandicus* ...210
—— *iliacus*.....209
—— *leucomelas* 210
—— *merula*.....211
—— *migratorius*.....210
—— *musicus* 209
—— *pilaris*.....209
—— *poecilopterus* ...211
—— *rufiventris* 210
—— *torquatus*.....211
—— *tristis* 210
—— *viscivorus* 210
Turkey, Brush.....505
——, North-American 494
——, Ocellated 494
Turnix bengalensis ...507
—— *lepurana* 507
—— *pugnax* 507
—— *pyrrhothorax* ...507
—— *sykesi* 507
Page
Turnix sylvatica 506
—— *taigoor*.....507
—— *varia* 506
Turnstone 527
Turtle, Bungoma River 572
——, Green.....573
——, Hawk's-billed...572
——, Loggerhead ...573
——, Senegal River...572
Turtle-Dove.....452
——, Aldabran 454
——, Barbary 454
——, Cambayan 453
——, Chinese 453
——, Double-ringed..454
——, Dwarf.....454
——, Eastern 452
——, Half-collared...452
——, Mauritian 452
——, Spotted 452
——, Vinaceous 453
Turtur aldabranus ...454
—— *bitorquatus* 454
—— *chinensis* 453
—— *communis* 452
—— *humilis* 454
—— *meena* 452
—— *picturatus* 452
—— *risorius* ...452, 454
—— *semitorquatus* ...453
—— *senegalensis*.....453
—— *suratensis* 452
—— *vinaceus* 453
Twite 259
Tympanistria bicolor..459
Typhlops nigro-albus.596
Tyrannus pipiri 289
Tyrant, Pitangua.....288
——, Sulphury 289

Umbre, Tufted 408
Upupa epops 299
Urobrachya albonotata 242
—— *axillaris* 242
—— *bocagii*.....243
Urocissa flavirostris...282
—— *magnirostris* ...282
—— *occipitalis* 282
—— *sinensis* 282
Uromastix hardwickii 589
—— *microlepis* 589
—— *spinipes* 589
Ursus americanus ... 88
—— *arctos* 86
—— *horribilis*..... 88
—— *isabellinus* 87
—— *japonicus*..... 88
Page
Ursus malayanus..... 89
—— *maritimus* 85
—— *ornatus* 89
—— *piscator* 87
—— *syriacus* 87
—— *tibetanus*..... 88
Urubitinga, Ash-coloured 370
——, Banded-tailed...370
——, Rusty 370
Urubitinga anthracina 370
—— *meridionalis* ...370
—— *zonura*.....370

Vanellus cayennensis..526
—— *vulgaris* 526
Varanus albogularis...579
——*exanthematicus*..579
—— *gouldi* 579
—— *griseus*.....578
—— *niloticus* 579
—— *salvator* 579
—— *varius* 579
Vespertilio nattereri.. 97
Vicuna 177
Vidua ardens 241
—— *paradisea*.....241
—— *principalis* 241
Viper, Cape.....619
——, Carpet 622
——, Cerastes.....622
——, Common.....619
——, Horned 621
——, Long-nosed ...620
——, Nose-horned ...620
——, River-Jack.....621
——, Russell's 620
——, Two-lined Palm 623
——, Water.....623
Vipera ammodytes ...620
—— *arietans* 621
—— *atropos*.....621
—— *berus* 619
—— *cerastes*.....622
—— *cornuta* 621
—— *nasicornis* 620
—— *rhinoceros* 621
—— *russelli*.....620
Viscacha 118
Viverra civetta..... 57
—— *tangalunga* 57
Viverricula malaccensis..... 57
—— *schlegeli* 58
Vole, Water.....111
Vultur auricularis ...388
—— *calvus* 388
—— *monachus*.....388

Page
Vultur occipitalis ...389
Vulture, Angolan ...390
——, Bengal 389
——, Black 392
——, Californian ...392
——, Cinereous 388
——, Condor 392
——, Egyptian 390
——, European Bearded 391
——, Griffon 389
——, King 393
——, Kolbe's 389
——, Occipital 389
——, Pileated 390
——, Pondicherry ...388
——, Rüppell's 389
——, Secretary 391
——, Sociable 388
——, Southern Bearded 391
——, Turkey 392

Wagtail, Grey 219
——, Pied 218
——, White.....219
——, Yellow 219
Wallaby, Agile 204
——, Bennett's 203
——, Black 204
——, Black-striped...204
——, Derbian.....204
——, Red-bellied ...205
——, Rufous-necked..203
——, Short-tailed ...205
——, Thigh-striped...205
Wallaroo, Great 201
Wall-Lizard.....582
Walrus..... 91
Warbler, Japanese ...215
——, Reed 214
——, Willow 214
——, Wood.....214
Wart-Hog, Ælian's...179
——, Æthiopian.....179
Water-Chevrotain ...177
Waterhen, Black-tailed 513
——, Martinique.....440
——, Mortier's 513
Water-Ouzel 185
Water-Rail 507
Water-Snake, Uniform 613
Water-Viper 623
Water-Vole 111
Waxbill, Australian...234
——, Cinereous 235
——, Common 234
——, Crimson-eared..235

Page
Waxbill, Crimson-faced.....236
——, Crimson-winged 237
——, Dufresne's 235
——, Green.....234
——, Orange-cheeked235
——, Red-bellied ...235
——, Western Melba236
——, Zebra 235
Waxwing.....226
Weasel..... 77
Weaver-bird, Black-bellied 243
——, Black-chested...243
——, Blue-beaked ...244
——, Chestnut-backed 246
——, Crimson-crowned 243
——, Grenadier 243
——, Long-tailed ...241
——, Manyar 245
——, Masked 246
——, Olive 246
——, Orange-shouldered 243
——, Red-beaked ...244
——, Red-faced 244
——, Red-headed ...244
——, Red-shouldered242
——, Resplendent ...242
——, Rufous-necked .245
——, Russ's.....245
——, Shining 242
——, White-fronted..244
——, Yellow-shouldered 244
Weaver-fish.....637
Weaver, Lesser 637
Wheatear.....202
Whimbrel 532
——, Little 532
Whinchat.....212
White-eye, Grey-backed 227
——, Lateral 227
Whitethroat 214
——, Lesser.....214
Whiting 640
Whydah-bird, Paradise 241
——, Pin-tailed 241
——, Red-chested ...241
——, White-winged..242
——, Yellow-backed .242
Wigeon 436
——, Chiloe.....437
Willow-Warbler.....214
Wolf, Aard 66

Page
Wolf, Antarctic 75
——, Arctic..... 72
——, Black 68
——, Common 68
——, Indian 70
——, Japanese 68
——, Prairie 73
——, Red..... 75
——, Tasmanian.....196
Wombat, Common ...207
——, Hairy-nosed ...207
——, Platyrhine.....207
Wood-Brocket.....174
Woodcock 529
Wood-Hawk, Beautiful.....378
Wood-Hen, Black ...510
Wood-Lark 287
Woodpecker, Banded.292
——, Golden-winged.292
——, Greater Spotted291
——, Green.....292
——, Lesser Spotted.292
——, White-headed..292
Wood-Swallow, White-eyebrowed ..225
Wood-Warbler 214
Wrasse, Green-streaked.....640
Wryneck 293

Xanthocephalus icterocephalus 268
Xanthomyza phrygia.227
Xanthosomus flavus...268
Xenodon rhabdocephalus.....605
Xenorhynchus australis.....406
—— *senegalensis*.....406
Xenurus unicinctus...189
Xerus erythropus.....103
—— *getulus*.....103
—— *setosus*.....103
—— *stangeri* 104

Yak 133
Yellow Hammer.....262

Zamenis atrovirens ...610
—— *caudilineatus* ...611
—— *cliffordi* 611
—— *dahli* 611
—— *hippocrepis* 610
—— *ventrimaculatus*.611
Zebra, Burchell's.....131
——, Common.....131
Zebu 132
Zenaida amabilis.....455
—— *auriculata* 456

	Page
Zenaida leucoptera	456
—— *maculata*	456
—— *martinicana*	455
Zenaidura carolinensis	449
Zoarces viviparus	638
Zonotrichia albicollis	264
—— *leucophrys*	264
—— *pileata*	264
Zonure, Derbian	583
Zonurus cordylus	583
—— *derbianus*	583
Zorilla, Cape	78
Zosterops dorsalis	227
—— *lateralis*	227

THE END.

Printed by Taylor and Francis, Red Lion Court, Fleet Street.

	Page
Zenaida leucoptera	456
—— *inaculata*	456
—— *martinicana*	455
Zenaidura carolinensis	449
Zoarces viviparus	638
Zonotrichia albicollis	264
—— *leucophrys*	264
—— *pileata*	264
Zonure, Derbian	583
Zonurus cordylus	583
—— *derbianus*	583
Zorilla, Cape	78
Zosterops dorsalis	227
—— *lateralis*	227

THE END.

Printed by Taylor and Francis, Red Lion Court, Fleet Street.