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BIRDS

RIDGWAY

CATALOGUE OF THE AQUATIC
AND FISH-EATING BIRDS

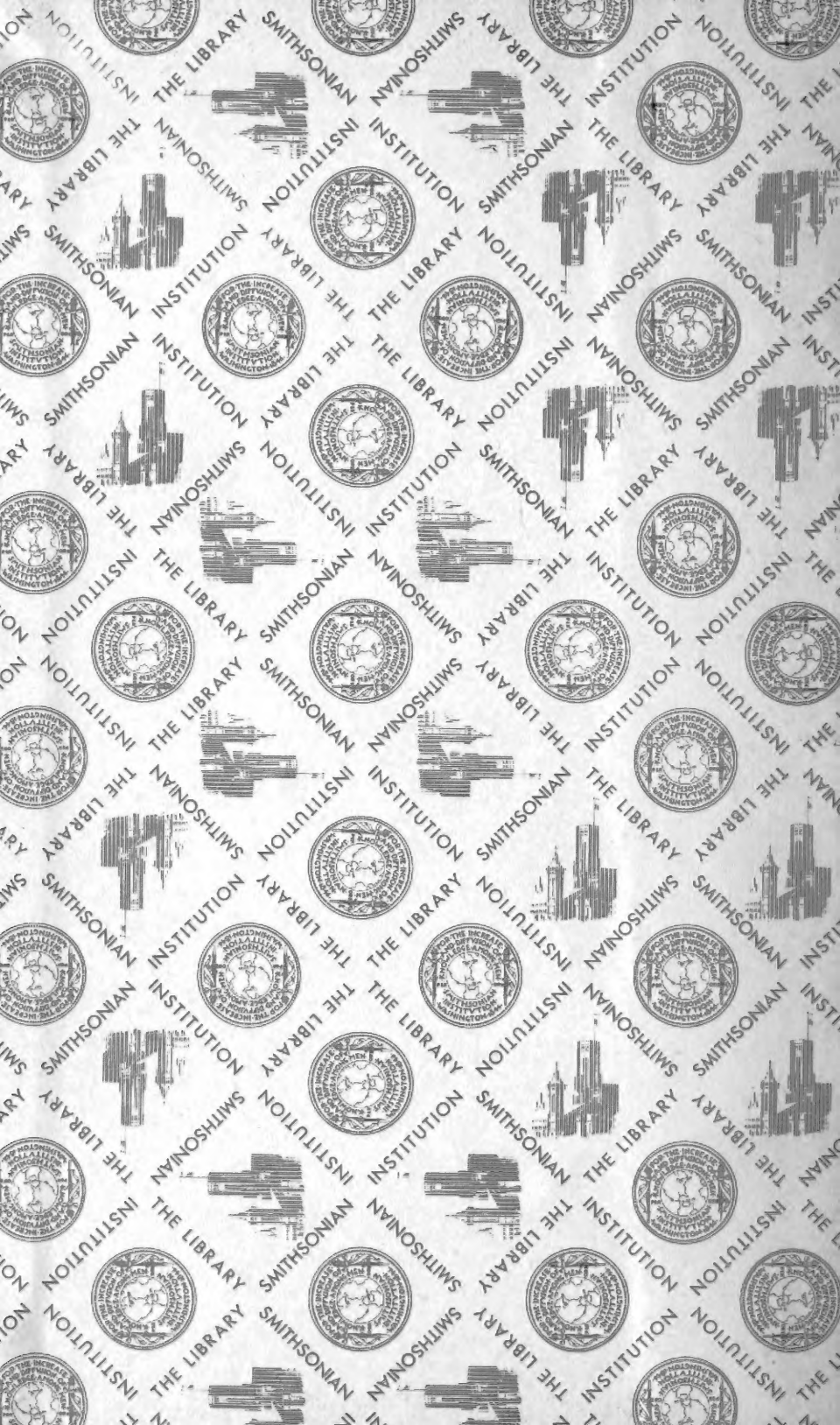
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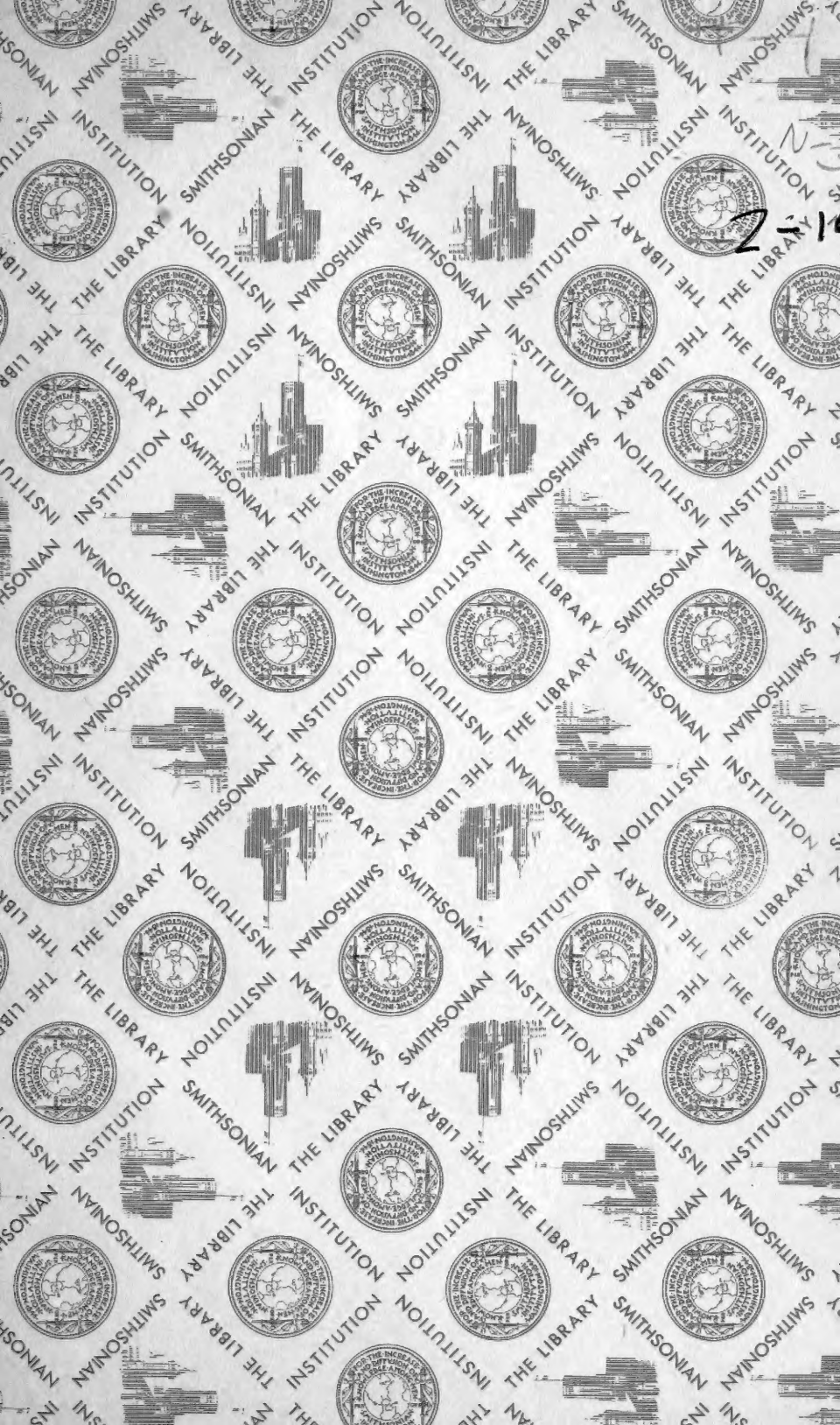
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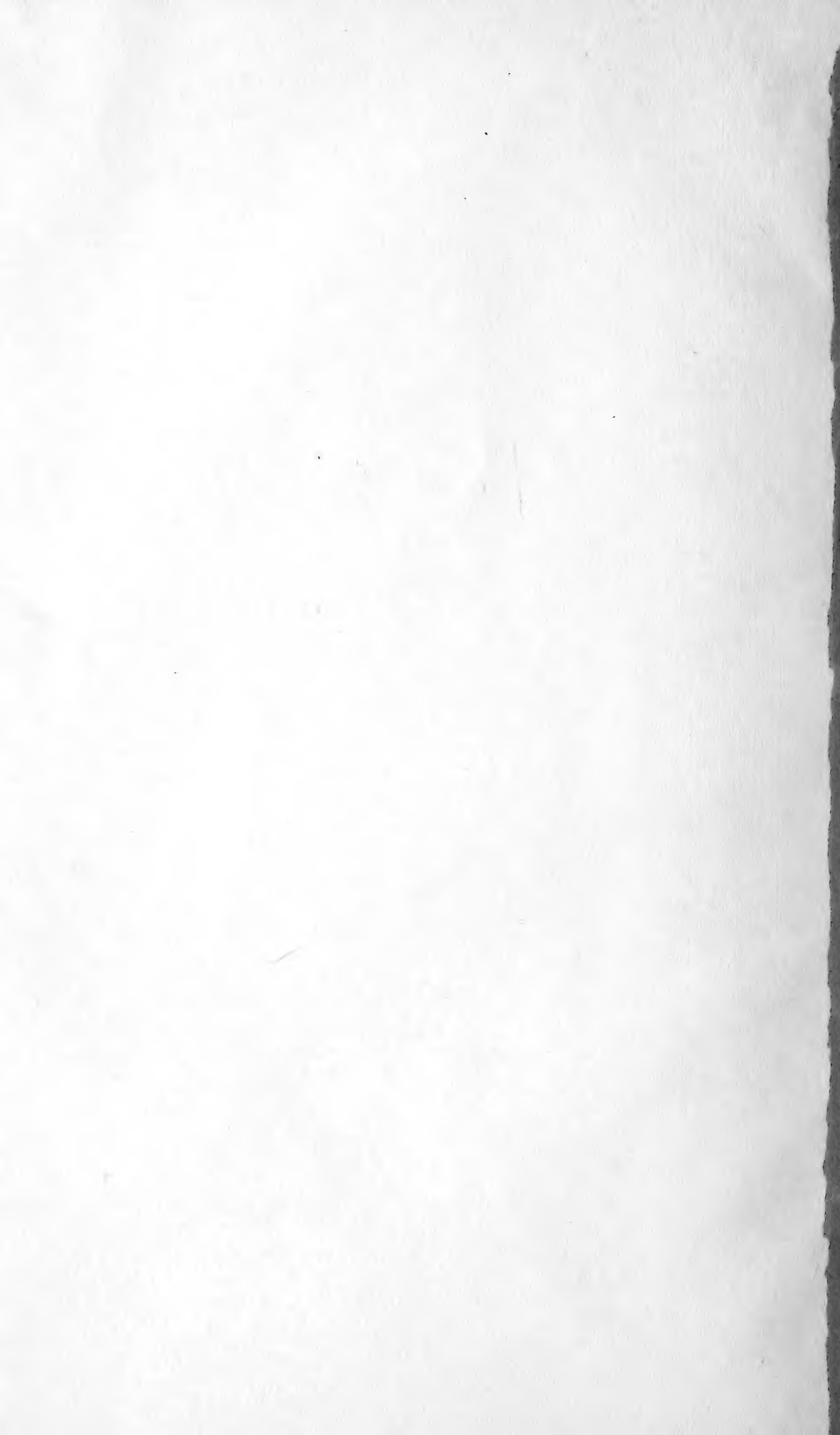
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GREAT INTERNATIONAL FISHERIES EXHIBITION.
LONDON, 1883.

UNITED STATES OF AMERICA.

Pt. C. Bull. 27. 1884.
pp. 139-184.

CATALOGUE

OF THE

AQUATIC AND FISH-EATING BIRDS

EXHIBITED BY THE

UNITED STATES NATIONAL MUSEUM.

BY

ROBERT RIDGWAY,
CURATOR, DEPARTMENT OF BIRDS, U. S. NATIONAL MUSEUM.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
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THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

RESEARCH REPORT

1950

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PREFATORY NOTE.

The water birds of North America constitute almost exactly one-third of the total bird-fauna of the continent, the number of species and races known at the present time being 313, and of land birds, 642.*

Much the larger proportion of the aquatic species have more or less to do with the subject of the fisheries, for the reason that they are, to a greater or less extent, destructive to fishes or are themselves extensively used for bait, the latter being conspicuously the case at the Newfoundland Banks, where several species of petrels, more especially, on account of its greater abundance, the Greater Shearwater ("Hagdon," or "Old Hag," of the fishermen, *Puffinus major*), constitute the principal bait in the catching of codfish.

Several Families, or even entire Orders, of water birds are eminently destructive to the "finny tribe," some of them being entirely piscivorous, as the Order Steganopodes (including the pelicans, gannets, cormorants, and allied Families), while certain herons, some ducks (more especially the mergansers), the gulls and terns, loons or divers, grebes, and auks feed principally, if not entirely, upon fishes. In fact, with the exception of the "shore birds" (Order Limicolæ, including the snipes, sandpipers, plovers, and allied forms), "marsh birds" (Paludicolæ, or rail and crane tribes), and the herbivorous Anatidæ (swans, geese, and river ducks), all water birds may be said to be piscivorous to a greater or less degree.

Not water birds alone, however, claim attention as fish destroyers, several "land birds" being conspicuously noted for their piscatorial instincts. As examples, may be briefly mentioned the kingfishers (of which there are two North American species) and the fish hawk, or osprey; while even a Passerine bird, the American water ouzel, or dipper (*Cinclus mexicanus*), is said to work considerable havoc to the spawn of the trout and other fishes inhabiting the mountain districts of Western North America.†

* Of water birds there are 286 species and 27 geographical races, or subspecies; of land birds, 497 species and 145 races.

† Since these species cannot properly be included among the water birds, a list of the specimens exhibited is given herewith:

AMERICAN WATER OUZEL, or DIPPER, *Cinclus mexicanus*, Sw.—* No. 53340. Adult, source of American River, California, November 19, 1867; H. G. Parker.

BELTED KINGFISHER, *Ceryle alcyon* (L.).—* *a.* No. 77263, ♂ ad., Cook County, Illinois, April 21, 1870; Greene Smith. * *b.* No. 89875, Gainesville, Fla.; G. Shoemaker.

TEXAN KINGFISHER, *Ceryle americana cubanisi* (Tsch.).—* *a.* No. 29330, ♂ ad., Western

The following list of North American water birds is complete up to date. The numbers correspond strictly with those of the latest "Smithsonian" catalogue (Bulletin of the United States National Museum, No. 21), and the nomenclature is essentially the same, a few changes being found necessary in the light of more recent investigations, while several species subsequently added to the fauna have been interpolated in the proper places. The range of each species is indicated in general terms, followed by a list of the specimens exhibited.

An asterisk prefixed to the number of a specimen indicates that the specimen in question is a duplicate and may be exchanged.

Order HERODIONES.—The ALTRICIAL WADERS.

Family ARDEIDÆ.—The HERON TRIBE.

- ✓**486. *Ardea occidentalis*** Aud. GREAT WHITE HERON; WÜRDEMANN'S HERON. [488, 489.] Southern Florida. Accidental (?) in Southern Illinois. (Whole of "Austro-riparian" Province?) Cuba; Jamaica.
- 486*.** *Ardea wardi* Ridgw. WARD'S HERON. Southwestern Florida (vicinity of Oyster Bay).
- a.* No. 77946. ♂ ad. Hernando County, Florida, March 30, 1879; J. W. Milner.†
- b.* No. 77947. ♂ juv. Hernando County, Florida, March 19, 1879; J. W. Milner.
- ✓**487. *Ardea herodias*** Linn. GREAT BLUE HERON. [487.] Whole of temperate North America, Middle America, and West Indies; Galapagos; Venezuela.
- a.* No. 84576. ♂ ad. Knox County, Indiana, June 11, 1877; R. Ridgway.
- b.* No. 84578. ♀ juv. Wabash County, Illinois, September 26, 1870; R. Ridgway.
- [**488.**] *Ardea cinerea* Linn. COMMON EUROPEAN HERON. Europe and other parts of the Old World; accidental in Greenland.
- 489. *Herodias egretta*** (Gmel.). AMERICAN EGRET. [486, 486a.] Whole of America, except colder regions.
- **a.* No. 86199. Ad., nuptial plumage. Gainesville, Florida, April, 1882; J. Bell.

Mexico, January, 1863; J. Xantus. **b.* No. 30455, ♀ ad., Costa Rica; Dr. A. von Frantzius.

AMERICAN FISH HAWK, OR OSPREY, *Pandion haliaetus carolinensis* (Gm).—*a.* No. 77281, ♂ ad., Hernando County, Florida, February 24, 1876; Greene Smith. *b.* No. 84479, ♂ juv., Mount Carmel, Ill., September 5, 1870; R. Ridgway.

†The name of the collector of the specimen is given, whenever known, in preference to that of the donor, though of course the two are often identical.

- 490. *Garzetta candidissima* (Gmel.). SNOWY HERON. [485.]**
Whole of tropical and warm-temperate America.
a. No. 86487. Ad., nuptial plumage. Gainesville, Florida, May, 1882; J. Bell.*
- 491. *Dichromanassa rufa* (Bodd.). REDDISH EGRET; PEALE'S EGRET. [482, 483.]** Southern United States, north to Southern Illinois, south to Yucatan, Guatemala, Mazatlan, and Cape Saint Lucas.
a. No. 84584. Ad., colored phase. Charlotte Harbor, Florida, June, 1874; J. Scholl.
b. No. 84583. Ad., white phase. (= *A. pealei* Bp.). Florida. (Presented by R. Ridgway.)
c. No. 17248. ♂ juv., colored phase. Cape Saint Lucas, December 6, 1859; J. Xantus.
- 492. *Hydranassa tricolor ludoviciana* (Wils.). LOUISIANA HERON. [484.]** Southern States; north regularly to Carolinas, casually to New Jersey, Illinois, and Indiana; Mexico, Cuba, and Jamaica.
a. No. 73755. ♂ ad. Saint John's River, Florida, August 17, 1872; J. W. Driggs.
b. No. 78240. Juv. Tampa, Florida, June 28, 1879; Capt. R. H. Pratt. (See also Group B of mounted birds.)
- 493. *Florida cærulea* (Linn.). LITTLE BLUE HERON. [490.]** Southern United States east of Rocky Mountains, north, more or less regularly, to Massachusetts, Illinois, Kansas, etc.; south to Guiana and Colombia; whole of West Indies.
a. No. 73584. ♂ ad., blue phase. Saint John's River, Florida, August 16, 1877; J. W. Driggs.
**b.* No. 78388. ♂ juv. Washington, D. C., August 13, 1879; O. Smith.
c. No. 82057. Juv., trans. pl. Gainesville, Florida; J. Bell. (See also Group B of mounted birds.)
- 494. *Butorides virescens* (Linn.). GREEN HERON. [493.]** Whole of temperate North America, Middle America, and West Indies; Northern South America.
a. No. 88174. ♂ ad. Stamford, Connecticut; Dr. R. W. Shufeldt, U. S. A.
**b.* No. 75358. ♀ juv. Washington, D. C., August 23, 1878; Mr. Hamilton.
- 495. *Nycticorax griseus nævius* (Bodd.). BLACK-CROWNED NIGHT HERON. [495.]** America in general, except colder regions.
a. No. 31982. ♂ ad. Fort Tejon, California; J. Xantus.
**b.* No. 80827. ♀ juv. Washington, D. C., August 16, 1880; Dr. R. Hessel.

496. *Nyctherodius violaceus* (Linn.). WHITE-CROWNED NIGHT HERON. [496.] Southern States, breeding north to the Carolinas and Southern Illinois and Indiana; Colorado. Not recorded from Pacific coast north of Cape Saint Lucas; south to Western Ecuador and Amazonia.

a. No. 84596. ♀ ad. Wabash County, Illinois, May 6, 1874; S. Turner.

b. No. 86395. Juv. La Paz, Lower California, February 25, 1882; L. Belding.

497. *Botaurus lentiginosus* (Montag.). AMERICAN BITTERN. [492.] All of temperate North America; south to Guatemala, Cuba and Jamaica; occasional in Europe.

a. No. 65897. Juv. Long Coteau River, Dakota, September 8, 1873; Dr. E. Coues, U. S. A.

(See also Group A of mounted birds.)

498. *Ardetta exilis* (Gmel.). LEAST BITTERN. [491.] Whole of temperate North America, West Indies, Middle America, and Northern South America to Brazil.

(See Group B of mounted birds.)

Family CICONIIDÆ.—The STORK TRIBE.

499. *Mycteria americana* Linn. JABIRU. Tropical America, north to Southern Texas.

500. *Tantalus loculator* Linn. WOOD IBIS. [497.] Whole of tropical and warm-temperate America, except most of West Indies; Cuba.

a. No. 87928. Ad. Charlotte Harbor, Florida; J. Bell.

b. No. 78379. ♀ juv. Kissimee River, Florida; J. W. Driggs.

Family IBIDIDÆ.—The IBISES.

501. *Eudocimus albus* (Linn.). WHITE IBIS. [499.] Southern States; north, more or less regularly, to Southern Illinois, Pennsylvania, Connecticut, etc.; Utah. Not recorded from Pacific coast north of Cape Saint Lucas. South to Brazil and West Indies.

**a.* No. 87931. Ad. Charlotte Harbor, Florida; J. Bell.

**b.* No. 78450. Juv. Clearwater, Florida; Col. S. T. Walker.

502. *Eudocimus ruber* (Linn.). SCARLET IBIS. [498.] Tropical America, chiefly on the Atlantic side; accidental (?) in Louisiana and Southern Texas.

(See Group A of mounted birds.)

- ✓ **503. *Plegadis falcinellus*** (Linn.). GLOSSY IBIS. [500.]
Warmer parts of the Old World and portions of
Eastern North America, including West Indies.
a. No. 42009. ♀ ad. Spanishtown, Jamaica. W. T. March.

- 504. *Plegadis guarauna*** (Linn.). WHITE-FACED GLOSSY IBIS.
[500*a.*] Tropical and subtropical America, north to
Texas, Utah, Nevada, and Oregon.
a. No. 79829. ♂ ad. Washoe Lake, Nevada, June 3, 1877; H. W.
Henshaw.
b. No. 58815. Juv. Mazatlan, Mexico; Col. A. J. Grayson.
(See also Group A of mounted birds.)

Family PLATALEIDÆ.—The SPOONBILLS.

- 505. *Ajaja rosea*** Reich. ROSEATE SPOONBILL. [501.] South-
ern States, and southward throughout tropical
America to Buenos Ayres.
(See Group B of mounted birds.)

Order LIMICOLÆ.—The SHORE-BIRDS.

Family HÆMATOPODIDÆ.—The OYSTER-CATCHERS.

- [**506.**] ***Hæmatopus ostralegus*** Linn. EUROPEAN OYSTER-
CATCHER. Various portions of the Old World;
accidental in Greenland.
- 507. *Hæmatopus palliatus*** Temm. AMERICAN OYSTER-
CATCHER. [512.] Coasts of America in general,
except Pacific coast north of Cape Saint Lucas.
**a.* No. 80264. Pullus. Bone Island, Virginia, July, 1880; R. Ridgway.
- 508. *Hæmatopus niger*** Pall. BLACK OYSTER-CATCHER. [513.]
Pacific coast of North America; south to Lower Cali-
fornia.
a. No. 79831. ♀ ad. Santa Cruz, California, June 4, 1875; H. W.
Henshaw.
- Family STREPSILIDÆ.—The TURNSTONES.
- 509. *Streptilas interpres*** Linn. TURNSTONE. [515.] Sea-coasts
of nearly all parts of the world.
a. No. 1692. ♂ ad. Philadelphia, Pennsylvania, Spring 1843; J. Cas-
sin.
b. No. 88769. ♂ juv. Point Barrow, Alaska, July 29, 1882; M. Smith.

510. *Strepsilas melanocephala* Vig. BLACK TURNSTONE.
[516.] Pacific coast of North America, south to California.

a. No. 73466. Ad. Saint Michael's, Alaska; E. W. Nelson.

b. No. 75711. Juv. Saint Michael's, Alaska; E. W. Nelson.

511. *Aphriza virgata* (Gmel.). SURF BIRD. [511.] Pacific coast of America, from Alaska to Chili; Sandwich Islands.

a. No. 24256. ♀ juv. San Francisco, California, September 11, 1856; J. Hepburn.

Family CHARADRIIDÆ.—The PLOVERS.

[512.] *Vanellus cristatus* Meyer. LAPWING. Europe and other parts of the Old World; accidental in Greenland (and Alaska?).

513. *Squatarola helvetica* (Linn.). BLACK-BELLIED PLOVER.
[510.] Nearly cosmopolitan, but chiefly the northern hemisphere, breeding far northward.

a. No. 532. ♀ ad. Summer, Eastern United States; Prof. S. F. Baird.

b. No. 88239. Ad. Winter, Stamford, Connecticut; Dr. R. W. Shufeldt, U. S. A.

514. *Charadrius plumialis* Linn. GOLDEN PLOVER. Palearctic region and Eastern Greenland.

515. *Charadrius dominicus* Müll. AMERICAN GOLDEN PLOVER. [503.] North America in general, breeding near arctic coast.

**a.* No. 88771. ♂ ad. Point Barrow, Alaska, June 12, 1882; J. Murdoch.

b. No. 77272. ♂ ad., trans. plum. Logan County, Illinois, April 10, 1881; G. Smith.

**c.* No. 85472. Ad., wint. plum. Mount Carmel, Illinois, March 21, 1875; S. Turner.

[515.] *Charadrius dominicus fulvus* (Gmel.). PACIFIC GOLDEN PLOVER. Eastern Asia, Pacific islands, and coast of Alaska.

a. No. 89257. Juv. Saint Michael's, Alaska; E. W. Nelson.

516. *Oxyechus vociferus* (Linn.). KILDEER. [504.] Temperate North America in general, migrating south to Colombia, West Indies, and Bermudas; accidental in British Islands.

**a.* No. 88240. Ad. Dr. R. W. Shufeldt, U. S. A.

b. No. 67687. Juv. Three Buttes, Montana, August 10, 1874; Dr. E. Coues, U. S. A.

c. No. 80107. Pullus. Fort Whipple, Arizona, August 10, 1869; Dr. E. Palmer.

517. *Ægialites semipalmatus* Bonap. SEMIPALMATED PLOVER. [507.] Nearly the whole of America, but breeding only far northward.

- a.* No. 88241. ♂ ad. Cayuga Lake, New York, May 25, 1872; Dr. R. W. Shufeldt, U. S. A.
**b.* No. 58387. Juv. Fort Macon, North Carolina, September 2, 1866; Dr. E. Coues, U. S. A.
c. No. 20874. Pullus. Fort George, Hudson's Bay Territory, July 10, 1860; C. Drexler.

518. *Ægialites hiaticula* (Linn.). RINGED PLOVER. Palæarctic region and portions of Eastern Arctic America, including Greenland.

- a.* No. 76133. ♂ ad. Head of Cumberland Gulf, June 27, 1878; L. Kumlien.
b. No. 76134. Juv. Gothaab, Greenland, August 14, 1868; L. Kumlien.

[519.] *Ægialites curonicus* (Gmel.). LITTLE RINGED PLOVER. Palæarctic region; accidental in California and Alaska (?).

520. *Ægialites melodus* (Ord.). PIPING PLOVER. [508.] Atlantic coast of United States.

- a.* No. 76753. ♂ ad. Cape May, New Jersey; Dr. A. L. Heermann.

520a. *Ægialites melodus circumcinctus* Ridgw. BELTED PIPING PLOVER. Mississippi Valley.

521. *Ægialites alexandrinus nivosus* (Cass.). SNOWY PLOVER. [509.] Western America, north to California and Utah, south to Chili; Yucatan; Cuba (?).

- *a.* No. 72732. ♂ ad. Santa Barbara, California, July 8, 1875; H. W. Henshaw.
**b.* No. 72715. ♀ ad. Santa Barbara, California, July 4, 1875; H. W. Henshaw.
c. No. 78190. Juv. Santa Cruz, California; W. A. Cooper.

521.* *Ægialites mongolicus* (Pall.). MONGOLIAN PLOVER. Northeastern Asia; Alaska (Choris Peninsula).

522. *Ochthodromus wilsonius* (Ord.). WILSON'S PLOVER. [506.] Atlantic coast of United States, south to West Indies and Brazil; Pacific coast of Middle America, north to Lower California.

- *a.* No. 80346. ♂ ad. Bone Island, Virginia, July 16, 1880; P. L. Jouy.
**b.* No. 57928. ♀ ad. Fort Macon, North Carolina, June 10, 1869; Dr. E. Coues, U. S. A.

523. *Podasocys montanus* (Townsend.). MOUNTAIN PLOVER. [505.] Western United States, north to British Provinces.

- *a.* No. 67679. ♂ ad. Frenchman's River, Dakota, July 4, 1874; Dr. E. Coues, U. S. A.
**b.* No. 69787. Juv. Pueblo, Colorado, July 30, 1874; C. E. Aiken.
c. No. 67674. Pullus. Frenchman's River, Dakota, July 9, 1874; Dr. E. Coues, U. S. A.

Family SCOLOPACIDÆ.—THE SNIPE TRIBE.

[524.] **Scolopax rusticula** Linn. EUROPEAN WOODCOCK. Palæarctic region; occasional in Eastern North America (several records).

525. Philohela minor (Gmel.). AMERICAN WOODCOCK. [522.] Eastern United States, north to Canada and Nova Scotia.

*a. No. 84625. ♀ ad. District of Columbia, June 30, 1860; D. W. Prentiss.

b. No. 84626. ♂ ad. District of Columbia; Dr. E. Coues.

526. Gallinago media (Leach). ENGLISH SNIPE. Palæarctic region, straggling to Greenland and the Bermudas.

526a. Gallinago media wilsoni (Temm.). WILSON'S SNIPE. [523.] Whole of North America, south in winter to Panama and West Indies.

a. No. 79745. ♀ ad. Long Valley, California, June 22, 1877; H. W. Henshaw.

*b. No. 88246. Ad. Dr. R. W. Shufeldt, U. S. A.

527. Macrorhamphus griseus (Gmel.). RED-BREASTED SNIPE; GRAY SNIPE. [524.] Eastern North America, breeding far northward.

a. No. 76348. Ad. Bellport, Long Island, June 7, 1878; C. S. Allen.

*b. No. 80270. ♂ ad. Bone Island, Virginia, July 14, 1880; R. Ridgway.

c. No. 58393. Juv. Fort Macon, North Carolina, July, 1869; A. C. Beale.

527a. Macrorhamphus griseus scolopaceus (Say). RED-BELLIED SNIPE; GREATER GRAY-BACK. [525.] Western North America, including Mississippi Valley, north to Alaska, and "barren grounds" of arctic districts; occasional on Atlantic coast.

*a. No. 70250. ♀ ad. Saint Michael's, Alaska; L. M. Turner.

*b. No. 65568. ♀ juv. Souris River, Dakota, August 10, 1873; Dr. E. Coues, U. S. A.

c. No. 76756. Cape May, May 10, 1848; D. G. Elliot.

d. No. 65569. ♀ juv. Souris River, Dakota, October 1, 1873; Dr. E. Coues, U. S. A.

528. Micropalama himantopus (Bonap.). STILT SANDPIPER. [536.] Eastern North America, breeding far northward; Middle America, West Indies, and greater part of South America in winter.

a. No. 69917. ♂ ad. Laramie, Wyoming; Dr. C. G. Newberry.

b. No. 58909. ♀ San Mateo, Tehuantepec, February 24, 1869; Prof. F. Sumichrast.

c. No. 67691. Juv. Chief Mountain, August 16, 1874; Dr. E. Coues, U. S. A.

529. *Tringa canutus* Linn. KNOT; ROBIN SNIPE. [526.] Sea-coasts and borders of larger inland waters nearly throughout the world, but chiefly northern hemispheres, and breeding in arctic regions.

- a.* No. 88818. ♂ ad. Point Barrow, Alaska, July 5, 1882; J. Murdoch.
- b.* No. 84632. ♀ ad. Cambridge, Massachusetts, May, 1871; W. Brewster.
- c.* No. 61248. Juv. Wood's Holl, Massachusetts; E. Palmer.

530. *Arquatella maritima* (Brünn.). PURPLE SANDPIPER. [528.]

Northeastern North America; south in winter to coast of New England and Great Lakes; Palæarctic region.

- a.* No. 76163. ♀ ad. Gulf of Cumberland, 1878; L. Kumlien.
- b.* No. 49150. Ad., winter. Milltown, Maine; G. A. Boardman.
- c.* No. 76153. ♀ juv. Arctic Island, Cumberland Gulf, September 13, 1879; L. Kumlien.

531. *Arquatella couesi* Ridgw. ALEUTIAN SANDPIPER. Aleutian Islands and coast of Alaska, south in winter to British Columbia.

- **a.* No. 85607. Ad. Atkha Island; L. M. Turner.
- **b.* No. 46169. Ad., winter dress. Sitka, Alaska, October, 1866; F. Bischoff.
- c.* No. 75792. Juv. Alaska; E. W. Nelson.

532. *Arquatella ptilocnemis* Coues. PRYBILOV SANDPIPER. Prybilov (or Seal) Islands, Alaska.

- **a.* No. 62429. ♀ ad. Saint Paul's Island, Alaska; H. W. Elliott.

[533.] *Actodromas acuminata* (Horsf.). SHARP-TAILED SANDPIPER. Eastern Asia and Western Alaska; south in winter to Australia, etc.

- a.* No. 89255. Juv. Alaska; E. W. Nelson.

534. *Actodromas maculata* (Vieill.). PECTORAL SANDPIPER. [531.] America in general, breeding in arctic regions.

- **a.* No. 88856. ♂ ad. Point Barrow, Alaska, July 1, 1882; M. Smith.
- **b.* No. 67703. Ad. Three Buttes, Montana, August 11, 1874; Dr. E. Coues, U. S. A.
- **c.* No. 18839. Juv. Moose Factory, Hudson's Bay Territory, September 8, 1860; C. Drexler.

535. *Actodromas cooperi* (Baird). COOPER'S SANDPIPER. [527.] Long Island, New York. (Only one specimen known!)

536. *Actodromas fuscicollis* (Vieill.). BONAPARTE'S SANDPIPER. [533.] Eastern North America, breeding far northward; nearly all of South America in migrations.

- a.* No. 55594. ♂ ad. Fort Macon, North Carolina, May, 1869; Dr. E. Coues, U. S. A.

537. *Actodromas bairdi* Coues. BAIRD'S SANDPIPER. Western America, from arctic regions to Patagonia and Buenos Ayres, but breeding only far northward.

**a.* No. 88343. ♀ ad. Point Barrow, Alaska, June 11, 1882; M. Smith.

**b.* No. 69793. ♂ juv. Camp Crittenden, Arizona, September 12, 1874; H. W. Henshaw.

538. *Actodromas minutilla* (Vieill.). LEAST SANDPIPER. [532.] All of America, but breeding only in colder portions of northern continent.

**a.* No. 59703. Ad. Isthmus Tehuantepec, November 10, 1869; F. Sumichrast.

**b.* No. 80072. ♀ juv. Fort Tejon, California; J. Xantus.

[539.] *Pelidna alpina* (Linn.). EUROPEAN DUNLIN. Palæarctic region; casual in Greenland and vicinity of Hudson's Bay.

539a. *Pelidna alpina americana* (Cass.). RED-BACKED SANDPIPER. [530.] North America and Northeastern Asia, breeding far northward.

**a.* No. 88879. ♂ ad. Point Barrow, Alaska, June 5, 1883; J. Murdoch.

**b.* No. 88870. ♀ ad. Point Barrow, Alaska, June 4, 1882; J. Murdoch.

c. No. 79166. Ad., winter plumage. Stockton, California, December, 1879; L. Belding.

d. No. 88374. ♂ juv. Point Barrow, Alaska, July 20, 1882; J. Murdoch.

[540.] *Pelidna subarquata* (Guld.). CURLEW SANDPIPER. [529.] Palæarctic region; casual in Eastern North America.

541. *Ereunetes pusillus* (Linn.). SEMPALMATED SANDPIPER. [535.] Northern and Eastern North America, and, in winter, nearly the whole of tropical America; breeding toward arctic coast.

a. No. 55596. ♂ ad. Fort Macon, North Carolina, May 4, 1869; Dr. E. Coues.

**b.* No. 34459. ♀ ad. Republican Fork, Kansas, May 23, 1864; Dr. E. Coues.

**c.* No. 88834. Juv. Point Barrow, Alaska, July 29, 1882; J. Murdoch.

541a. *Ereunetes pusillus occidentalis* (Lawr.). WESTERN SANDPIPER. Western North America, breeding in Alaska.

**a.* No. 89256. Ad. Kodiak, Alaska; F. Bischoff.

**b.* No. 40947. Ad., winter. San Pedro, California; Dr. E. Coues, U. S. A.

542. *Calidris arenaria* (Linn.). SANDERLING. [534.] Nearly cosmopolitan during migrations, but breeding only far northward.

**a.* No. 40943. Ad. San Pedro, California, November, 1865; Dr. E. Coues, U. S. A.

**b.* No. 70380. Juv. Ainsworth, Illinois, September, 1874; E. W. Nelson.

542.* *Eurynorhynchus pygmæus* (Linn.). SPOONBILL SAND-PIPER. Eastern Asia, breeding far northward; coast of Alaska (Choris Peninsula).

543. *Limosa fœda* (Linn.). MARBLED GODWIT. [547.] Temperate North America, chiefly eastern portions; south in winter to Guatemala and Cuba.

*a. No. 59770. Ad. Tehuantepec, August 5, 1869; F. Sumichrast.

544. *Limosa lapponica novæ-zealandiæ* Gray. PACIFIC GODWIT. Pacific Islands and coast of Eastern Asia, south to Australia and New Zealand; abundant on islands and coast of Alaska; accidental at Cape Saint Lucas.

*a. No. 85611. Ad. Atkha Island; L. M. Turner.

b. No. 62447. ♀ Saint Paul's Island, Alaska; H. W. Elliott.

545. *Limosa hæmastica* (Linn.). HUDSONIAN GODWIT. [548.] Whole of America, but breeding far northward.

a. No. 20883. Ad. Mankato, Minnesota; J. M. Woodworth.

*b. No. 70142. Ad. Chicago, L. C. Illinois; S. C. Bowman.

c. No. 49146. ♀ Winter, Magellan, Chili; Nat. Mus. of Chili.

[546.] ***Limosa ægocephala*** (Linn.). BLACK-TAILED GODWIT. Palearctic region; casual in Greenland.

547. *Totanus glottis* (Linn.). GREEN-SHANK. [538.] Palearctic region and other portions of the Old World; accidental in Florida.

548. *Totanus melanoleucus* (Gmel.). GREATER YELLOW-LEGS; TELL-TALE. [539.] Breeding in colder portions of North America, south to northern border of United States, and in migrations extending over whole of Middle America, South America, and West Indies.

a. No. 1301. ♂ ad. Carlisle, Pennsylvania, March 19, 1844; Prof. S. F. Baird.

*b. No. 65576. Juv. Souris River, Dakota, August 23, 1873; Dr. E. Coues, U. S. A.

549. *Totanus flavipes* (Gmel.). YELLOW-LEGS. [540.] Whole of America, but warmer portions only in winter, and rare in Western North America.

a. No. 54599. ♂ ad. Nulato River, Alaska, May 21, 1868; W. H. Dall.

b. No. 65588. Juv. Souris River, Dakota, August 21, 1873; Dr. E. Coues, U. S. A.

550. *Rhyacophilus solitarius* (Wils.). SOLITARY SANDPIPER.

[541.] America in general, breeding in north temperate regions; accidental in Europe.

**a.* No. 82388. ♀ ad. Washington, District of Columbia, May 21, 1881, G. Shoemaker.

**b.* No. 67723. Juv. Three Buttes, Montana, August 10, 1874, Dr. E. Coues, U. S. A.

551. *Rhyacophilus ochropus* (Linn.). GREEN SANDPIPER.

Palæarctic region; accidental in Nova Scotia.

552. *Symphemia semipalmata* (Gmel.). WILLET. [537.]

Temperate North America; south in winter to the tropics, as far as Brazil; accidental in Europe.

a. No. 61579. Ad. Halleck, Nevada, May 5, 1871; J. Kohler.

b. No. 59768. ♀ ad., winter dress. San Mateo, Tehuantepec, August 6, 1869; Prof. F. Sumichrast.

**c.* No. 80267. ♀ Juv. Bone Island, Virginia, July, 1880; R. Ridgway.

553. *Heteroscelus incanus* (Gmel.). WANDERING TATTLER.

[542.] Islands and shores of the Pacific Ocean, including western coast of America from Alaska to the Galapagos.

a. No. 75831. Alaska; E. W. Nelson.

b. No. 73441. Sannak Islands, Alaska, May 15, 1877; E. W. Nelson.

554. *Machetes pugnax* (Linn.). RUFF. [544.]

Palæarctic region; occasional in Eastern North America.

✓ 555. *Bartramia longicauda* (Bechst.). BARTRAM'S SAND-

PIPER; FIELD PLOVER. [545.] Eastern North America, north to Nova Scotia and Eastern Alaska, west to Utah; in winter, south to West Indies, Brazil, and Peru; casual in Europe.

**a.* No. 64013. ♂ ad. Pembina, Dakota Territory, June 11, 1873; Dr. E. Coues, U. S. A.

b. No. 1116. ♀ juv. Carlisle, Pennsylvania, July 15, 1843; Prof. Baird.

556. *Tryngites rufescens* (Viell.). BUFF-BREASTED SANDPIPER.

[546.] North America in general, but chiefly the interior, breeding far northward; in winter, south to Peru and Uruguay; Cuba; occasional in Europe.

**a.* No. 88885. ♂ ad. Point Barrow, Alaska, June 11, 1882; M. Smith.

**b.* No. 84655. ♀ juv. Massachusetts, September 6, 1871; H. W. Henshaw.

✓ 557. *Tringoides macularius* (Linn.). SPOTTED SANDPIPER.

[543.] Whole of North America, breeding nearly throughout its range; south in winter to Brazil, including all of West Indies.

a. No. 84659. ♀ ad. Carson City, Nevada, April 23, 1868; R. Ridgway.

**b.* No. 84660. ♂ juv. Camp Patterson, Illinois, July 25, 1876; H. K. Coale.

- 558. *Numenius longirostris* (Wils.). LONG-BILLED CURLEW.**
 [549.] Temperate North America; south in winter to Cuba, Jamaica, Guatemala, and Brazil (?).
a. No. 9837. ♂ San Francisco, California; Dr. A. L. Heermann.
**b.* No. 63578. ♂ ad. Filmore, Utah Territory, November 19, 1872; H. W. Henshaw.
- 559. *Numenius hudsonicus* (Lath.). HUDSONIAN CURLEW.**
 [550.] Whole of America, but breeding in arctic and sub-arctic districts; in winter throughout West Indies and greater extent of South America; Greenland.
**a.* No. 80073. Ad. Cape Saint Lucas, Lower California; J. Xantus.
- 560. *Numenius borealis* (Forst.). ESKIMO CURLEW.** [551.]
 Northern and Eastern North America, and Southern South America; no West Indian record; Greenland and occasionally in Europe.
**a.* No. 52130. ♀ ad. Lower Anderson River, Arctic America; R. McFarlane.
- [561.] *Numenius phaeopus* (Linn.). WHIMBREL.** Palearctic, African, and Indo-Malayan regions; accidental in Greenland.
- [562.] *Numenius tahitiensis* (Gmel.). BRISTLE-THIGHED CURLEW.** Pacific Islands and coast of Alaska.

Family PHALAROPODIDÆ.—The PHALAROPES.

- 563. *Phalaropus fulicarius* (Linn.). RED PHALAROPE.** [521.]
 Northern hemisphere, breeding far northward.
a. No. 75245. ♀ ad., winter dress. 128 miles east by south of Cape Ann, Massachusetts, August 31, 1878; R. L. Newcomb.
**b.* No. 18626. ♀ ad. Greenland; Univ. Zool. Mus. Copenhagen.
c. No. 88794. ♀ ad. Point Barrow, Alaska, August 3, 1882; J. Murdoch.
- 564. *Lobipes hyperboreus* (Linn.). NORTHERN PHALAROPE.**
 [520.] Northern hemisphere, circumpolar in summer, but breeding further south on higher mountain ranges.
a. No. 59713. ♂ Tehuantepec, October 24, 1869; Prof. F. Sumichrast.
b. No. 64281. ♀ ad. Saint George's Island, Alaska, July 22, 1875; H. W. Elliott.
- 565. *Steganopus wilsoni* (Sab.). WILSON'S PHALAROPE.**
 [519.] In summer, chiefly interior districts of North America (not recorded from Pacific coast); in winter, migrating far southward (Patagonia, Brazil, &c.).
**a.* No. 69803. ♂ ad. Sienaga, Arizona, August 30 1874; H. W. Henshaw.

565. *Steganopus wilsoni*—Continued.

- **b.* No. 10393. ♂? ad. Dane County, Wisconsin, May 20, 1855; T. Kumlien.
 **c.* No. 67742. ♂ ad. Frenchman's River, Dakota; Dr. E. Coues, U. S. A.
d. No. 17536. ♂ juv. Cold Springs, California, July 27, 1877; H. W. Henshaw.

Family RECURVIROSTRIDÆ.—The AVOCETS.

566. *Recurvirostra americana* Gmel. AMERICAN AVOCET.
[517.] Whole of temperate North America; south, in winter, to Guatemala, Cuba, and Jamaica.

- **a.* No. 34433. ♀ ad. Near Fort Larned, Kansas, June 2, 1864; Dr. E. Coues, U. S. A.
 **b.* No. 67764. Juv. Chief Mountain, Dakota, August 29, 1874; Dr. E. Coues, U. S. A.

567. *Himantopus mexicanus* (Müll.). BLACK-NECKED STILT.
[518.] Whole of temperate North America, Middle America, and Northern South America, to Brazil, Peru, Galapagos, etc.; West Indies.

- **a.* No. 79929. ♂ ad. Salt Lake City, Utah, June 3, 1869; R. Ridgway.

Order PALUDICOLÆ.—The MARSH-BIRDS.

Family PARRIDÆ.—The JAÇANAS.

568. *Parra gymnotoma* Wagl. MEXICAN JAÇANA. Middle America, north to Lower Rio Grande Valley in Texas; Cuba; Hayti?

Family RALLIDÆ.—The RAIL TRIBE.

569. *Rallus elegans* Aud. RED-BREADED RAIL. [542.] Fresh-water marshes of Eastern United States.**569*. *Rallus beldingi*** Ridgw. BELDING'S RAIL. Salt-water marshes of Lower California.**570. *Rallus obsoletus*** Ridgw. CALIFORNIAN CLAPPER RAIL. Salt-water marshes of Pacific coast of United States, south to western coast of Lower California.

- a.* No. 84672. Ad. San Francisco, California, April, 1877; E. W. Nelson.

571. *Rallus longirostris crepitans* (Gmel.). CLAPPER RAIL.
[553.] Salt-water marshes of Atlantic coast of United States.

- **a.* No. 80353. ♂ ad. Cobb's Island, Virginia, July 20, 1880; P. L. Jouy.
 **b.* No. 80358. ♂ pullus. Cobb's Island, Virginia; P. L. Jouy.

571a. *Rallus longirostris saturatus* Hensb. LOUISIANA CLAPPER RAIL. Salt-water marshes of Gulf coast of United States from Western Florida to Louisiana.

a. No. 87919. Juv. Charlotte Harbor, Florida; J. Bell.

b. No. 87920. Pullus. Charlotte Harbor, Florida; J. Bell.

572. *Rallus virginianus* Linn. VIRGINIA RAIL. [554.] Entire temperate North America, south to Cuba and Guatemala.

**a.* No. 79364. Ad. D. W. Scott.

573. *Porzana maruetta* (Leach). SPOTTED CRAKE. Palearctic region; accidental in Greenland.

574. *Porzana carolina* (Linn.). SORA RAIL. CAROLINA RAIL. [555.] Entire temperate North America; Middle America and West Indies in winter.

**a.* No. 86481. Ad. Gainesville, Florida, May, 1882; J. Bell.

b. No. 1649. ♂ juv. Carlisle, Pennsylvania, July 27, 1844; Prof. S. F. Baird.

575. *Porzana noveboracensis* (Gmel.). LITTLE YELLOW RAIL. [557.] Eastern United States, west to Utah and Nevada.

a. No. 29743. Ad. Winnebago, Illinois, May 17, 1863; J. W. Tolman.

576. *Porzana jamaicensis* (Gmel.). LITTLE BLACK RAIL. [556.] Warm-temperate, and tropical America in general; north to California, Illinois, and Massachusetts; south to Chili.

a. No. 41898. Ad. (?) West Kansas; A. Crocker.

576a. *Porzana jamaicensis coturniculus* Baird. FARALLONE RAIL. Farallone Islands, coast of California.

[577.] ***Crex pratensis*** Bechst. CORN CRAKE. [558.] Palearctic region; casual in Eastern United States.

578. *Ionornis martinica* (Linn.). PURPLE GALLINULE. [561.] Warmer parts of North and South America, and throughout West Indies; north, casually, to northern border of United States, but not recorded from Pacific coast.

**a.* No. 86478. Ad. Gainesville, Florida, May, 1882; J. Bell.

579. *Gallinula galeata* (Licht.). FLORIDA GALLINULE. [560.] Temperate North America, Middle America, and West Indies.

**a.* No. 86474. Ad. Gainesville, Florida, May, 1882; J. Bell.

✓ **580. *Fulica americana*** Gmel. AMERICAN COOT. [559.]
Whole of North America (except extreme northern portions), Middle America, and West Indies.

**a.* No. 84687. Ad. Mount Carmel, Illinois; S. Turner.

**b.* No. 65555. Juv. Souris River, Dakota, October 1, 1873; Dr. E. Coues, U. S. A.

580.* *Fulica atra* Linn. EUROPEAN COOT. Palæarctic region; accidental in Greenland.

Family ARAMIDÆ.—The COURLANS.

✓ **581. *Aramus pictus*** Bartr. LIMPKIN; FLORIDA COURLAN. [481.]
Greater Antilles, Florida, and coasts of Central America.

**a.* No. 73760. ♀ ad. Wekiva River, Florida, August 29, 1877; J. W. Driggs.

Family GRUIDÆ.—The CRANES.

582. *Grus americana* (Linn.). WHOOPING CRANE. [478.] Interior districts of North America, north to the Saskatchewan, south to Florida, Texas, and Central Mexico.

a. No. 35445. Juv. Chicago, Illinois; Chicago Academy of Sciences.

b. No. 59826. ♂ ad. Burlington, Kansas, April 16, 1867; A. Crocker.

583. *Grus pratensis* Bartr. SANDHILL CRANE. [479.] Temperate North America, but chiefly in Mississippi Valley and westward; south to Central Mexico.

a. No. 18066. ♂ ad. Fort Crook, California, April 20, 1860; Capt. J. Feilner.

584. *Grus canadensis* (Linn.). LITTLE CRANE. [480.] Northern North America, breeding from Alaska to Hudson's Bay and along arctic coast, and migrating southward in winter.

a. No. 75699. Ad. Alaska; E. W. Nelson.

b. No. 77502. Juv. Cold Springs, California; H. W. Henshaw.

Order PHŒNICOPTERI.—The LAMELLIROSTRAL WADERS.

Family PHŒNICOPTERIDÆ.—The FLAMINGOES.

✓ **585. *Phœnicopterus ruber*** Linn. AMERICAN FLAMINGO. [502.] Atlantic coast of Middle America, north to Florida, Bermudas, and some others of the West Indies, south to Northern South America; Galapagos?

a. No. 84693. ♀ ad. South Florida, summer, 1874; J. C. Scholl.

Order ANSERES.—The LAMELLIROSTRAL SWIMMERS.

Family ANATIDÆ.—The DUCK TRIBE.

- [586.] **Olor cygnus** (Linn.). EUROPEAN SWAN. Palæarctic region; casual in South Greenland.
- [587.] **Olor bewicki** (Yarrell). BEWICK'S SWAN. Northern part of Palæarctic region (very doubtfully American).
588. **Olor columbianus** (Ord.). WHISTLING SWAN. [561 a.] North America in general, breeding far northward; accidental in Scotland.
- a. No. 86026. ♀ ad. Currituck Sound, North Carolina; I. Hinckley.
b. No. 81230. Juv. Saint Michael's, Alaska; E. W. Nelson.
589. **Olor buccinator** (Rich.). TRUMPETER SWAN. [562.] Interior of North America; more rare on the Pacific, and casual on the Atlantic coast; breeding from Iowa and Dakota northward.
590. **Chen caerulescens** (Linn.). BLUE-WINGED GOOSE. [564.] Interior districts of North America, breeding northward; migrating south through Mississippi Valley.
- a. No. 77308. ♀ ad. Logan County, Illinois, April 28, 1871; Smith.
b. No. 84694. Juv. Chicago, Illinois, October, 1875; E. W. Nelson.
591. **Chen hyperboreus** (Pall.). SNOW GOOSE. [563.] North America in general, breeding toward arctic coast; more abundant eastward.
- a. No. 79109. Juv. Johnston Town, Virginia; C. R. Moore.
- 591a. **Chen hyperboreus albatrus** (Cass.). LESSER SNOW GOOSE. [563 a.] North America in general, breeding far northward; more numerous westward.
- a. No. 88968. ♂ ad. Point Barrow, Alaska, June 13, 1882; J. Murdoch.
b. No. 84695. Juv. Chicago, Illinois, November, 1875; E. W. Nelson.
592. **Chen rossi** (Baird). ROSS'S SNOW GOOSE. Western North America, breeding in arctic districts between McKenzie River and Hudson's Bay (?).
- a. No. 77163. Ad. Stockton, California, December, 1878; L. Belding.
- [593.] **Anser albifrons** (Gmel.). EUROPEAN WHITE-FRONTED GOOSE. Palæarctic region; breeding also in South-eastern Greenland.
- 593a. **Anser albifrons gambeli** (Hartl.). AMERICAN WHITE-FRONTED GOOSE. [565, 566.] North America in general, breeding far northward.
- a. No. 88971. ♂ ad. Point Barrow, Alaska, June 19, 1882; J. Murdoch.

- 591. *Bernicla canadensis*** (Linn.). CANADA GOOSE. [567.]
United States (except Pacific coast?) and British
Provinces; breeding (at present) chiefly north of 40°.
- a.* No. 77545. Ad. Camp Bidwell, California, September 28, 1877;
H. W. Henshaw.
- 594a. *Bernicla canadensis hutchinsi*** (Sw. & Rich.). HUTCH-
INS'S GOOSE. [569.] Breeding in the arctic dis-
tricts, from the Yukon to Hudson's Bay, migrating
south in winter chiefly through Mississippi Valley and
westward.
- a.* No. 88980. ♂ juv. Crow Island, North Carolina, November 21, 1882;
I. Hinckley.
- 594b. *Bernicla canadensis leucoparia*** (Brandt). WHITE-
CHEEKED GOOSE. [568.] Breeding along the coast
of Alaska, and thence westward through Aleutian
chain to Kamtschatka; south in winter along Pacific
coast to California, and occasionally straggling east-
ward.
- a.* No. 81234. ♂ ad. Saint Michael's, Alaska; E. W. Nelson.
b. No. 81233. ♀ ad. Saint Michael's, Alaska; E. W. Nelson.
- 594c. *Bernicla canadensis occidentalis*** (Baird). LARGER
WHITE-CHEEKED GOOSE. [567 *a.*] Coast of South-
ern Alaska and British Columbia in summer; south to
California in winter.
- 595. *Bernicla brenta*** (Pall.). BRANT. [570.] Sea-coasts of Europe
and Eastern North America, breeding in extreme
arctic regions; rare inland.
- a.* No. 84705. ♀ ad. Fire Island, New York; J. H. Batty.
- 596. *Bernicla nigricans*** (Lawr.). BLACK BRANT. [571.] West-
ern districts of Arctic America, south in winter to
Lower California; casual on Atlantic coast.
- a.* No. 81236. Juv. Saint Michael's, Alaska; E. W. Nelson.
(See also Group C of mounted birds.)
- [597.] *Bernicla leucopsis*** (Temm.). BARNACLE GOOSE. [572.]
Sea-coasts of Palæarctic region, straggling to Eastern
North America (several records, from Hudson's Bay
to North Carolina).
- 598. *Philacte canagica*** (Sevast.). EMPEROR GOOSE. [573.] Sea-
coast and islands of Alaska, north of the peninsula.
(See Group C of mounted birds.)
- 599. *Dendrocyena autumnalis*** (Linn.). BLACK-BELLIED
TREE DUCK. [574.] Middle America, north to Rio
Grande Valley in Texas.
(See Group D of mounted birds.)

- 600. *Dendrocyena fulva*** (Gmel.). FULVOUS TREE DUCK. [575.] Middle America, north to Louisiana, Texas, Nevada, and California; Southern Brazil, Buenos Ayres, and Paraguay.
(See Group D of mounted birds.)
- 601. *Anas boscas*** Linn. MALLARD. [576.] Entire northern hemisphere.
a. No. 84708. ♂ ad. Mount Carmel, Illinois, October 19, 1869; R. Ridgway.
b. No. 79865. ♂ ad., changing. Camp Bidwell, California, August 2, 1878; H. W. Henshaw.
- 602. *Anas obscura*** Gmel. BLACK MALLARD. [577.] Eastern North America, breeding from Maine northward; west to Utah.
(See Group F of mounted birds.)
- 603. *Anas fulvigula*** Ridgw. FLORIDA DUSKY DUCK. Florida.
a. No. 86008. Ad. Salt Lake, Florida, February, 1872; W. Brewster.
- 604. *Chaulelasmus streperus*** (Linn.). GADWALL. [584.] Whole northern hemisphere.
a. No. 77595. ♂ ad. Washoe Lake, Nevada, May, 1877; H. W. Henshaw.
b. No. 84711. ♀ ad. Evanston, Illinois, November 4, 1874; E. W. Nelson.
- 605. *Dafila acuta*** (Linn.). PINTAIL. [578.] Northern Hemisphere in general.
a. No. 84713. ♂ ad. Coney Island, New York; J. H. Batty.
b. No. 85479. ♀ ad. Mount Carmel, Illinois, December 30, 1875; S. Turner.
- 606. *Mareca penelope*** (Linn.). WIGEON. [586.] Palearctic region; occasional in Eastern North America, and more frequent in Alaska.
- 607. *Mareca americana*** (Gmel.). BALDPATE. [585.] North America in general.
b. No. 76767. ♀ ad. Summer; American Museum, New York.
(See also Group E of mounted birds.)
- 608. *Spatula clypeata*** (Linn.). SHOVELER. [583.]
a. No. 84715. ♂ ad. Mount Carmel, Illinois, March 12, 1877; J. L. Ridgway.
- 609. *Querquedula discors*** (Linn.). BLUE-WINGED TEAL. [581.] North America generally, but chiefly eastern portions; south in winter throughout West Indies and Middle America to Ecuador; accidental in Europe.
b. No. 33688. ♀ ad. Dueñas, Guatemala, November, 1861; O. Salvin.
(See also Group E of mounted birds.)

610. Querquedula cyanoptera (Vieill.). CINNAMON TEAL. [582.] Western America, from the Columbia River to Chili, Buenos Ayres, and Falkland Islands; east (occasionally) to Mississippi Valley.

b. No. 84721. ♀ ad. Stockton, California, April, 1879; L. Belding.
(See Group E of mounted birds.)

611. Nettion crecca (Linn.). ENGLISH TEAL. [580.] Palæarctic region; occasional in Eastern North America.

612. Nettion carolinensis (Gmel.). GREEN-WINGED TEAL. [579.] Whole of North America.

b. No. 71291. ♀ ad. Madisonville, Ohio, March 4, 1877; F. W. Langdon.
(See also Group E of mounted birds.)

613. Aix sponsa (Linn.). WOOD DUCK; SUMMER DUCK. [587.] Whole of temperate North America; Cuba; accidental in Europe.

b. No. 84724. ♀ ad. Mount Carmel, Illinois, October 14, 1869; R. Ridgway.
(See also Group E of mounted birds.)

614. Fulix marila (Linn.). SCAUP DUCK. [588.] North America, breeding northward; portions of Palæarctic region.

615. Fulix affinis (Eyt.). LITTLE BLACKHEAD. [589.] North America, breeding in high latitudes.

a. No. 84729. ♀ ad. Mount Carmel, Illinois, March 16, 1875; R. Ridgway.
b. No. 84727. ♂ ad. Florida (?); C. J. Maynard.

616. Fulix collaris (Donov.). RING-BILLED BLACKHEAD; RING-NECK. [590.] North America, breeding northward.

a. No. 74536. ♂ ad. Northern Indiana; Cuvier Club, Cincinnati, Ohio.
b. No. 74537. ♀ ad. Northern Indiana; Cuvier Club, Cincinnati, Ohio.

616.* Fuligula rufina (Pall.). RUFIOUS-CRESTED DUCK. Portions of Palæarctic region; accidental in Eastern North America (Long Island Sound).

617. Æthya vallisneria (Wils.). CANVAS-BACK. [592.] North America, breeding northward.

a. No. 84732. ♀ ad. Mount Carmel, Illinois; March 10, 1875; C. W. Ridgway.
(See also Group E of mounted birds.)

618. Æthya americana (Eyt.). REDHEAD. [591.] North America, breeding chiefly north of the United States.

(See Group E of mounted birds.)

- 619. *Clangula islandica* (Gmel.). BARROW'S GOLDEN-EYE.**
 [594.] Northern North America, including Greenland; south to Northern United States in winter; in Rocky Mountains, breeding south to Colorado; Iceland; accidental in Europe.
 a. No. 63019. ♂ ad. Provo, Utah, November 11, 1872; Yarrow and Henshaw.
 b. No. 84735. ♀ ad. Cambridge, Massachusetts, January, 1872; W. Brewster.
- 620. *Clangula glaucium americana* (Bp.). AMERICAN GOLDEN-EYE.** [593.] North America, breeding from extreme Northeastern United States (Maine, &c.) northward.
 a. No. 85484. ♂ ad. Mount Carmel, Illinois, January 18, 1874; S. Turner.
 b. No. 85486. ♀ ad. Mount Carmel, Illinois, January 22, 1874; S. Turner.
- 621. *Clangula albeola* (Linn.). BUTTERBALL; BUFFLEHEAD.**
 [595.] North America in general, breeding far northward.
 a. No. 74541. ♂ ad. Northern Indiana; Cuvier Club, Cincinnati, Ohio.
 b. No. 84738. ♀ ad. Mount Carmel, Illinois, March 15, 1875; R. Ridgway.
- 622. *Histrionicus minutus* (Linn.). HARLEQUIN DUCK.** [596.] Northern part of northern hemisphere; in America, south in winter to Middle States, Illinois, and California; breeding south to about 38° in Rocky Mountains and Sierra Nevada.
 a. No. 62535. ♀ ad. Pribylov Island, Alaska, June 21, 1872; H. W. Elliott.
 (See also Group G of mounted birds.)
- 623. *Harelda glacialis* (Linn.). LONG-TAILED DUCK; OLD SQUAW.** [597.] Northern portions of northern hemisphere; chiefly littoral, and breeding far northward.
 * a. No. 88185. ♂ ad. Winter, Stamford, Connecticut; Dr. R. W. Shufeldt, U. S. A.
 b. No. 76197. ♂ ad. Summer, Cumberland Sound; L. Kumlien.
 c. No. 88947. ♂ pullus. Point Barrow, Alaska, July 20, 1882; J. Murdoch.
- 624. *Camptolæmus labradorius* (Gmel.). LABRADOR DUCK.**
 [600.] Formerly, Northern Atlantic coast of North America, south in winter to New Jersey; said to have been obtained a few years since in Michigan, but believed to be now nearly, if not quite, extinct.

625. *Cosmonetta stelleri* (Pall.). STELLER'S DUCK. [598.]
Arctic and subarctic coasts of northern hemisphere;
in Alaska, south to Kodiak and Unalaska.

a. No. 88945. ♀ ad. Point Barrow, Alaska, June 18, 1882; J. Murdoch.

(See also Group G of mounted birds.)

626. *Lampronetta fischeri* (Brandt). SPECTACLED EIDER. [599.]
Coast of Alaska, from Norton Sound to Point Barrow.

b. No. 75887. ♂ juv. Alaska; E. W. Nelson.

c. No. 75889. ♀ ad. Alaska; E. W. Nelson.

(See also Group G of mounted birds.)

627. *Somateria mollissima* (Linn.). COMMON EIDER. Northern portions of Palearctic region; also, Greenland and western shores of Cumberland Gulf.

a. No. 76171. ♂ ad. Cumberland Gulf, June 23, 1878; L. Kumlien.

b. No. 76177. ♂ juv. Cumberland Gulf, June 23, 1878; L. Kumlien.

c. No. 88558. Pullus. Dr. Hoadley.

627a. *Somateria mollissima dresseri* (Sharpe). AMERICAN EIDER. [606.]
Coast of Labrador, and southward to Newfoundland and Northern Maine.

a. No. 17015. ♂ ad. Newfoundland; H. Drouet.

b. No. 18206. ♀ ad. Groswater Bay, Labrador; Dr. E. Coues.

628. *Somateria v-nigrum* Gray. PACIFIC EIDER. [607.]
Coast of Alaska, north of the peninsula, and east to McKenzie River; portions of Eastern Siberia.

a. No. 75872. ♂ ad. Alaska; E. W. Nelson.

b. No. 73388. ♀ ad. Alaska; E. W. Nelson.

629. *Somateria spectabilis* (Linn.). KING EIDER. [608.]
Circumpolar regions; in North America, south in winter to the Great Lakes and coast of California.

b. No. 76193. ♂ juv. Wejat Sound, Greenland; L. Kumlien.

**c.* No. 88967. ♀ ad. Point Barrow, Alaska, May 26, 1882; J. Murdoch.

d. No. 88964. ♀ ad. Point Barrow, Alaska, May 21, 1882; J. Murdoch.

630. *Edemia americana* (Sw. & Rich.). AMERICAN SCOTER. [604.]
Northern sea-coasts and larger inland waters of North America; south in winter to New Jersey, the Great Lakes, northern tributaries of the Ohio and Upper Mississippi, and coast of California; in summer south to higher mountains in Colorado.

a. No. 18883. ♂ ad. Newfoundland; H. Drouet.

b. No. 75866. ♀ ad. Alaska; E. W. Nelson.

[631.] **Melanetta fusca** (Linn.). VELVET SCOTER. Palæartic region; accidental in Greenland.

632. Melanetta velvetina (Cass.). AMERICAN VELVET SCOTER. [601.] Coasts and larger inland waters of Northern North America; south in winter to Chesapeake Bay, the Great Lakes, and Southern California.

a. No. 46254. ♂ ad. Sitka, Alaska; F. Bischoff.

633. Pelionetta perspicillata (Linn.). SURF DUCK. [602, 603.] Northern North America; south in winter to Jamaica, Ohio River, and Lower California. (Chiefly littoral.)

a. No. 84744. ♂ ad. Santa Cruz Island, California, March, 1878; W. A. Cooper.

b. No. 46261. ♀ ad. Sitka, Alaska; F. Bischoff.

✓ **634. Erismatura rubida** (Wils.). RUDDY DUCK. [609.] Temperate North America; south in winter to New Granada and West Indies.

a. No. 84746. ♂ ad. Neosho Falls, Kansas, summer, 1872; G. Turner.

b. No. 59929. ♀ ad. Fort Tejon, California; J. Xantus.

635. Nomonyx dominicus (Linn.). BLACK MASKED DUCK. [610.] Tropical America; accidental in Eastern United States (Lake Champlain, New York, and Lake Koshkonong, Wisconsin).

a. No. 58818. ♂ ad. Tepic, Mexico; Col. A. J. Grayson.

b. No. 50865. ♀ ad. Tepic, Mexico; Col. A. J. Grayson.

636. Mergus merganser americanus (Cass.). AMERICAN SHELDRAKE. [611.] Whole of North America, breeding south to northern border of United States.

a. No. 84747. ♂ ad. Riverdale, Illinois, April, 1875; E. W. Nelson.

b. No. 84748. ♀ ad. Riverdale, Illinois, March, 1875; E. W. Nelson.

637. Mergus serrator Linn. RED-BREASTED SHELDRAKE. [612.] Northern hemisphere, breeding in cold-temperate and subarctic districts.

a. No. 9882. ♂ ad. San Francisco, California; Dr. A. D. Heermann.

b. No. 84749. ♀ ad. Cambridge, Massachusetts; W. Brewster.

✓ **638. Lophodytes cucullatus** (Linn.). HOODED SHELDRAKE. [613.] Whole of North America, south to Mexico and Cuba; north to Alaska, and, accidentally, Greenland; Bermudas; casual in Europe. (Breeds nearly throughout its range.)

b. No. 1306. ♂ ad. Carlisle, Pennsylvania, March 21, 1844; Prof. S. F. Baird.

Order STEGANOPODES.—The TOTIPALMATE SWIMMERS.

Family TACHYPETIDÆ.—The FRIGATE PELICANS.

639. *Tachypetes aquila* Linn. FRIGATE PELICAN; MAN-O-WAR HAWK. [619.] Tropical and subtropical seas in general, but chiefly north of the equator; north to California, Texas, Florida, and (casually) Long Island.

a. No. 78455. Ad. Big Pass, Florida, September 2, 1879; Col. S. T. Walker.

b. No. 59787. ♂ ad. Tehuantepec, November 18, 1869; Prof. F. Sumichrast.

c. No. 87940. Juv. Charlotte Harbor, Florida; J. Bell.

Family PELECANIDÆ.—The PELICANS.

640. *Pelecanus erythrorhynchus* Gmel. AMERICAN WHITE PELICAN. [615.] North America, except arctic districts; rare along Atlantic coast, but in the interior, north to about 61°; south to Central America.

a. No. 78260. ♂ ad. Cameron Parish, Louisiana, January 12, 1879; C. K. Worthen.

641. *Pelecanus fuscus* Linn. BROWN PELICAN. [616.] Coasts of tropical and subtropical America (except Pacific side of South America); north to California and North Carolina; accidental in Illinois (?).

a. No. 80944. Ad., winter plumage. Saint Eustatius, West Indies; F. A. Ober.

b. No. 84755. ♂ juv. Florida; C. J. Maynard.

Family PHALACROCORACIDÆ.—The CORMORANTS.

642. *Phalacrocorax carbo* (Linn.). COMMON CORMORANT. [620.] Various parts of eastern hemisphere and northern Atlantic coast of North America; south, in winter, to coast of New Jersey.

a. No. 2003. Ad., summer plumage.

643. *Phalacrocorax dilophus* (Sw. & Rich.). DOUBLE-CRESTED CORMORANT. [623.] Eastern North America, breeding northward.

a. No. 84756. ♂ ad. Mount Carmel, Illinois, September 28, 1874; S. Turner.

b. No. 41686. Juv. Boar's Head, New Hampshire, December 4, 1860; C. Perkins.

643a. *Phalacrocorax dilophus floridanus* (Aud.). FLORIDA CORMORANT. [624.] Eastern North America, breeding southward (Florida and Gulf States).

a. No. 84758. ♂ ad. Florida, spring; C. J. Maynard.

643b. *Phalacrocorax dilophus cincinnatus* (Brandt). WHITE-CRESTED CORMORANT. [622.] Northwest coast of North America; south to Oregon and (in winter) Nevada.

a. No. 77599. ♂ ad. Pyramid Lake, Nevada, May 26, 1877; H. W. Henshaw.

b. No. 75917. Juv. Saint Michael's, Alaska; E. W. Nelson.

643c. *Phalacrocorax dilophus albociliatus* Ridgw. LES-
SER WHITE-CRESTED CORMORANT. Coast of Cali-
fornia, from Farallone Islands to Cape Saint Lucas;
Revillegedo Islands.

644. *Phalacrocorax mexicanus* (Brandt). MEXICAN CORMO-
RANT. [625.] Mexico, Cuba, and Gulf States; north,
in Mississippi Valley, to Eastern Kansas and South-
ern Illinois.

a. No. 28153. Ad. Cuba or Texas; G. N. Lawrence.

b. No. 58809. ♀ juv. Mazatlan, Mexico; Col. A. J. Grayson.

645. *Phalacrocorax penicillatus* (Brandt). BRANDT'S COR-
MORANT. [626.] Pacific coast of United States
(Columbia River to Cape Saint Lucas).

a. No. 84759. ♂ ad. Farallone Islands, California, summer; F. Gruber.

646. *Phalacrocorax violaceus* (Gmel.). VIOLET-GREEN COR-
MORANT. [627.] Coasts and islands of the North
Pacific, from Kamtschatka, Commander and Ku-
rile Islands, and Alaska, south to British Columbia
and Vancouver Island.

a. No. 46487. Ad. Saint Michael's, Alaska, June 15, 1866; C. Pease.

b. No. 81229. Juv. Saint Michael's, Alaska; E. W. Nelson.

c. No. 38660. Pullus. Neeah Bay, Washington Territory; J. G. Swan.

646a. *Phalacrocorax violaceus resplendens* (Aud.).
BAIRD'S CORMORANT. Pacific coast of United
States, south to Mazatlan.

a. No. 23884. Ad. Mazatlan, Mexico, summer; J. Xantus.

647. *Phalacrocorax bicristatus* Pall. RED-FACED CORMO-
RANT. Prybilov (Seal) Islands, Aleutian Chain,
Kuriles, and coast of Kamtschatka; said to occur cas-
ually in Japan and Formosa.

a. No. 62648. ♀ ad. Saint Paul's Island, Alaska, May 29, 1872; H. W. Elliott.

647. *Phalacrocorax bicristatus*—Continued.

- b.* No. 68350. Juv. Prybilov Islands, Alaska; Lieut. G. R. Adams, U. S. N.
c. No. 62533. Pullus. Saint Paul's Island, Alaska, July 2, 1872; H. W. Elliott.

648. *Phalacrocorax perspicillatus* Pall. PALLAS'S CORMORANT. [621.] Bering Island (extinct?).

Family PLOTIDÆ.—The ANHINGAS.

649. *Plotus anhinga* Linn. AMERICAN ANHINGA; SNAKE BIRD. [628.] Whole of tropical America; Gulf States, and north in Mississippi Valley to Southern Illinois.

- a.* No. 84760. ♂ ad., nuptial plumage. Florida, spring, 1874; J. C. Scholl.
 (See also Group H of mounted birds.)

Family SULARIDÆ.—The GANNETS.

650. *Sula bassana* (Linn.). GANNET. [617.] Coasts and islands of the North Atlantic; south, in winter, to Gulf of Mexico.

- a.* No. 12853. Ad. New York; J. G. Bell.

651. *Sula cyanops* Sunde. BLUE-FACED GANNET. Coasts and islands of the South Pacific and various intertropical seas; Bahamas and South Florida.

- a.* No. 67315. Ad. Christmas Island; Dr. T. H. Streets, U. S. N.
b. No. 67316. ♂ juv. Christmas Island; Dr. T. H. Streets, U. S. N.

652. *Sula leucogastra* (Bodd.). BOOBY GANNET. [618.] Coasts of tropical and subtropical America (on both sides), north to Georgia.

- a.* No. 24152. Ad. (?). Brazil; L. Wells.
b. No. 30356. ♂ juv. Spanishtown, Jamaica; W. T. March.

653. *Sula piscator* (Linn.). RED-FOOTED BOOBY. Intertropical seas and coasts, north to Florida and Revillegigedo Islands.

- a.* No. 50867. ♂ ad. Socorro Island; Col. A. J. Grayson.
b. No. 67332. Juv. Near Sandwich Islands; Dr. T. H. Streets, U. S. N.

Family PHAËTHONTIDÆ.—The TROPIC BIRDS.

654. *Phaëthon flavirostris* (Brandt.) YELLOW-BILLED TROPIC BIRD. [629.] Tropical seas in general; north, regularly, to Florida, accidentally to New York.

- a.* No. 77857. ♀ ad. Dominica, West Indies; F. A. Ober.

- ✓**655. Phaëthon æthereus** Linn. RED-BILLED TROPIC BIRD.
Tropical seas; north to Gulf of California, West
Indies, and, casually, to Newfoundland Banks.
a. No. 74033. ♂ ad. Saint Vincent, West Indies; F. A. Ober.
b. No. 89947. Juv. Saint Eustatius, West Indies; F. A. Ober.

Order GAVIÆ.—The GULL-LIKE SWIMMERS.

Family RHYNCHOPSIDÆ.—The SKIMMERS.

- 656. Rhynchops nigra** Linn. BLACK SKIMMER. [697.] Sea-
coasts of tropical and warm-temperate America;
north along Atlantic coast of United States to New
Jersey and (casually) to Maine.
**a.* No. 89269. ♂ ad. Cobb's Island, Virginia, July, 1880; R. Ridg-
way.
**b.* No. 80248. ♀ ad. Cobb's Island, Virginia, July, 1880; R. Ridg-
way.
**c.* No. 80249. Pullus. Bone Island, Virginia, July, 1880; R. Ridgway.

Family LARIDÆ.—The GULL TRIBE.

- 657. Pagophila eburnea** (Phipps). IVORY GULL. [676, 677.]
Circumpolar regions; south, in winter, along Atlantic
coast of North America to Newfoundland and New
Brunswick.
a. No. 76236. ♀ juv. Cumberland Gulf, 1877; L. Kumlien.
- 658. Rissa tridactyla** (Linn.). KITTIWAKE GULL. [672.]
Coasts and islands of North Atlantic; south, in
winter, to Middle States and Great Lakes.
**a.* No. 79134. ♂ ad. Davis Straits, July 26, 1879; N. P. Scudder.
b. No. 79138. ♀ juv. Davis Straits, August 16, 1879; N. P. Scudder.
- 658a. Rissa tridactyla kotzebuei** (Bp.). PACIFIC KITTI-
WAKE. North Pacific Ocean, including islands and
coasts of Alaska; west to Kamschatka and Com-
mander Islands, north to the Arctic Ocean.
- 659. Rissa brevirostris** (Brandt). RED-LEGGED KITTIWAKE.
[674, 675.] Shores and islands of North Pacific (on
both sides); in Alaska, throughout Aleutian chain
and on Prybilov Islands.
**a.* No. 64371. ♂ ad. Saint George's Island, Alaska; H. W. Elliott.
**b.* No. 64365. ♀ ad. Saint George's Island, Alaska; H. W. Elliott.
c. No. 73149. ♀ juv. Saint Michael's, Alaska, September 18, 1876; L.
M. Turner.

- 660. *Larus glaucus*** Brünn. GLAUCOUS GULL; BURGOMASTER. [656.] Circumpolar regions; south in winter to Long Island, the Great Lakes, and coast of Southern Alaska.
- a. No. 76211. ♂ ad. Cumberland Gulf, June 6, 1878; L. Kumlien.
 - b. No. 76209. ♂ juv. Cumberland Gulf, 1877; L. Kumlien.
 - c. No. 79132. ♀ juv. Davis Straits, August 15, 1879; N. P. Scudder.
- 661. *Larus leucopterus*** Faber. WHITE-WINGED GULL. [658.] With much the same range as *L. glaucus*.
- a. No. 71024. Juv. Cumberland Gulf, August 30, 1876; Lieut. W. A. Mintzer, U. S. N.
- 662. *Larus glaucescens*** Licht. GLAUCOUS-WINGED GULL. [657, 659.] North Pacific coast; south, in winter, to Oregon; Cumberland Gulf.
- a. No. 54680. ♂ ad. Kodiak, Alaska; F. Bischoff.
 - b. No. 73399. ♀ juv. Unalashka Island, Alaska, May 10, 1877; E. W. Nelson.
- 663. *Larus marinus*** Linn. GREAT BLACK-BACKED GULL. [660.] Coasts of North Atlantic; south, in winter, to Long Island and the Great Lakes; Arctic Ocean, north of Bering's Straits; and occasional on Alaskan coast of Bering Sea; Japan.
- a. No. 18214. ♀ ad. Groswater Bay, Labrador, August 10; Dr. E. Coues.
 - b. No. 18215. Juv. Henley Harbor, Labrador, September 2; Dr. E. Coues.
 - c. No. 84765. Pullus. Labrador; presented by R. Ridgway.
- 664. *Larus occidentalis*** Aud. WESTERN GULL. [662.] Pacific coast of United States, south to Cape Saint Lucas.
- a. No. 86397 ♀ ad. La Paz, Lower California, February 15, 1882; L. Belding.
 - b. No. 72739. ♂ juv. Santa Cruz Island, California, June 9, 1875; H. W. Henshaw.
- 665. *Larus affinis*** Reinh. SIBERIAN GULL. Northern portions of Palæarctic region; accidental in (and originally described from) Greenland.
- 666. *Larus argentatus*** Brünn. HERRING GULL. Palæarctic region; casual or occasional in Eastern North America.
- 666a. *Larus argentatus smithsonianus*** Coues. AMERICAN HERRING GULL. [661.] North America in general, but rare on Pacific coast, and breeding northward.

666a. *Larus argentatus smithsonianus*—Continued.

- a. No. 84767. ad., winter. Fire Island, New York; J. H. Batty.
 b. No. 84769. ♀ juv. Long Island New York; J. H. Batty.
 c. No. 20807. Pullus. Fort George, Hudson's Bay Territory, July 5, 1860; C. Drexler.

667. *Larus cachinnans* Pall. PALLAS'S HERRING GULL.
Northern Asia and North Pacific coast of North America, south in winter to California.**668. *Larus californicus* Lawr.** CALIFORNIAN GULL. [663.]
Western North America, chiefly in the interior; north to Alaska, south to Western Mexico.

- a. No. 77552. ♀ ad. Pyramid Lake, Nevada, May 26, 1877; H. W. Henshaw.
 b. No. 72731. ♂ juv. Washoe Lake, Nevada, August 31, 1876; H. W. Henshaw.
 c. No. 77583. ♂ pullus. Eagle Lake, California, July 4, 1877; H. W. Henshaw.

669. *Larus delawarensis* Ord. RING-BILLED GULL. [664.]
North America in general, breeding northward.

- a. No. 77312. ♀ ad. Hernando County, Florida, March 10, 1876; Greene Smith.
 b. No. 65529. Juv. La Riviere Lac, Dakota Territory, September 13, 1873; Dr. E. Coues, U. S. A.

670. *Larus brachyrhynchus* Rich. SHORT-BILLED GULL.
[664 a, 665, 673.] Northwestern North America, south in winter to Washington Territory.

- a. No. 73402. Ad. Alaska; E. W. Nelson.
 b. No. 75934. Juv. Alaska; E. W. Nelson.

671. *Larus canus* Linn. MEW GULL. Palæarctic region; casual (?) in Labrador.**672. *Larus heermanni* Cass.** HEERMANN'S GULL. [666.] Pacific coast of North America, from British Columbia to Panama.

- a. No. 72740. ♂ ad. Santa Barbara, California, June 24, 1875; H. W. Henshaw.
 b. No. 86400. ♀ juv. La Paz, Lower California, January 4, 1882; L. Belding.

673. *Larus atricilla* Linn. LAUGHING GULL. [667.] Atlantic coast, from Maine (casually) to mouth of the Amazon, breeding north to New Jersey; Pacific coast of Central America in winter, casual in Europe.

- a. No. 80213. ♂ ad. Cobb's Island, Virginia, July 12, 1880; R. Ridgway.

(See also Group I of mounted birds.)

- 674. *Larus franklini*** Sw. & Rich. FRANKLIN'S GULL. [668, 669.] Interior of North America, breeding chiefly north of the United States; in winter throughout Central and a considerable portion of South America.
- 675. *Larus philadelphiae*** (Ord.). BONAPARTE'S GULL. [670.] North America in general, but not south of the United States (?); Bermudas; breeding far northward.
a. No. 84774. ♀ ad. San Pablo Bay, California, January 23, 1880; C. A. Allen.
- 676. *Rhodestethia rosea*** (Macgill.). ROSS'S GULL. [678.] Arctic Ocean, extending, rarely, south to Disco Bay and Northern Alaska; accidental in Heligoland, Färoes, England (Yorkshire), and Kamtschatka.
- 677. *Xema sabinei*** (J. Sabine). SABINE'S GULL. [680.] Circumpolar; south in winter to Maine, New York, the Great Lakes, Great Salt Lake, and, casually, to the Bermudas and Peru.
 (See Group I of mounted birds.)
- 678. *Creagrus furcatus*** (Neb.). SWALLOW-TAILED GULL. [679.] Pacific coast of South America (Peru to Galapagos); Monterey, California???
- 679. *Sterna anglica*** Montag. GULL-BILLED TERN. [681.] Atlantic coast of United States, south in winter to Southern Mexico; also various parts of the Old World, including Australia.
a. No. 80135. ♀ ad. Bone Island, Virginia, July 13, 1880; R. Ridgway.
- 680. *Sterna caspia*** Pall. CASPIAN TERN. [682.] Coasts and various inland waters of North America, breeding, in isolated localities, throughout its range, or from Texas to near the arctic coast; also many portions of the eastern hemisphere, including Australia.
a. No. 76772. ♂, winter. Shore of California; F. Gruber.
- 681. *Sterna regia*** Gamb. ROYAL TERN. [683.] Coasts and various inland waters of Southern North America, breeding north to about 40°.
 **a.* No. 80110. ♂ ad. Cobb's Island, Virginia, July 3, 1880; R. Ridgway.
- 682. *Sterna elegans*** Gamb. ELEGANT TERN. [684.] Pacific coast of Middle America, north to Southern California.
a. No. 51434. ♂ ad. Mazatlan, Mexico, March, 1868; F. Bischoff.

683. *Sterna cantiaca acufiavida* (Cabot.). CABOT'S TERN.
[685.] Both coasts of Middle America (in winter),
north to Atlantic coast of United States.

a. No. 58935. Ad. Tehuantepec, Mexico, February 24, 1869; F. Sumichrast.

684. *Sterna trudeani* Aud. TRUDEAU'S TERN. [687.] Atlantic coast of South America; casual along Atlantic coast of United States (New Jersey).

685. *Sterna forsteri* Nutt. FORSTER'S TERN. [691, 686.] Whole of temperate North America, breeding, in suitable localities, throughout its range; in winter, south to Brazil.

**a.* No. 80148. ♂ ad. Cobb's Island, Virginia, July 9, 1880; R. Ridgway.

**b.* No. 89258. ♀ ad. Cobb's Island, Virginia, July 9, 1880; R. Ridgway.

686. *Sterna fluviatilis* Naum. COMMON TERN. [689.] Eastern temperate North America and various portions of the Old World; accidental (?) southwest to Arizona.

a. No. 80182. ♀ ad. Cobb's Island, Virginia, July 12, 1880; R. Ridgway.

**b.* No. 80307. ♂ juv. Bone Island, Virginia, July 16, 1880; P. L. Jouy.

687. *Sterna macrura* Naum. ARCTIC TERN. [690, 693.] Circumpolar regions, south in winter to Middle States and California; on Atlantic coast, breeding south to Massachusetts.

**a.* No. 70244. ♂ ad. Saint Michael's, Alaska; L. M. Turner.

**b.* No. 75977. Juv. Saint Michael's, Alaska; E. W. Nelson.

688. *Sterna dougalli* Montag. ROSEATE TERN. [692.] Atlantic coast of United States, West Indies, and various parts of eastern hemisphere, including Australia.

a. No. 84778. ♂ ad. Nantucket, Massachusetts, June 30, 1874; W. Brewster.

b. No. 84779. ♀ ad. Nantucket, Massachusetts, June 30, 1874; W. Brewster.

689. *Sterna aleutica* Baird. ALEUTIAN TERN. Eastern Aleutian Islands, and northward to, or beyond, Norton Sound.

**a.* No. 70234. ♂ ad. Saint Michael's, Alaska; L. M. Turner.

b. No. 89268. Juv. Saint Michael's, Alaska; E. W. Nelson.

690. *Sterna antillarum* Less. LEAST TERN. [694.] United States (rather southern), Middle America, and West Indies, breeding in suitable localities north to, or beyond, 40°.

*a. No. 80194. ♀ ad. Bone Island, Virginia, July, 1880; R. Ridgway.

*b. No. 80199. Juv. Bone Island, Virginia, July, 1880; R. Ridgway.

*c. No. 80205. Pullus. Bone Island, Virginia, July, 1880; R. Ridgway.

691. *Sterna fuliginosa* Gmel. SOOTY TERN. [688.] Sea-coasts throughout the warmer parts of the world; in North America, along the Gulf and South Atlantic coasts, north, casually, to, or beyond, Pennsylvania.

*a. No. 12837. Ad. Tortugas, Florida, July 4, 1859; Dr. Whitehurst.

692. *Sterna anæsthera* Scop. BRIDLED TERN. Intertropical sea-coasts; casual (?) on Florida coast.

693. *Hydrochelidon lariformis surinamensis* (Gmel.). BLACK TERN. [695.] Temperate North America in summer; south, in winter, to West Indies; South America as far as Chili.

*a. No. 77561. ♂ ad. Washoe Lake, Nevada, June 4, 1877; H. W. Henshaw.

*b. No. 64046. ♀ ad. Pembina, Dakota, June 17, 1873; Dr. E. Coues, U. S. A.

*c. No. 59745. ♀ ad., winter plumage. Tehuantepec, Mexico, August 9, 1869; F. Sumichrast.

*d. No. 15793. Juv. Mazatlan, Mexico; Col. A. J. Grayson.

694. *Hydrochelidon leucoptera* (Weiss. & Schinz.). WHITE-WINGED BLACK TERN. Palæartic region; accidental in Eastern North America (Lake Koshkonong, Wisconsin).

695. *Anous stolidus* (Linn.). NODDY TERN. [696.] Intertropical seas; also South Atlantic and Gulf coasts of United States.

*a. No. 11899. Ad. Garden Key, Tortugas, Florida, April 30, 1859; Capt. D. P. Woodberry.

Family STERCORARIIDÆ.—The SKUA GULLS.

696. *Megalestris skua* (Brünn.). SKUA GULL. [652.] Northern seas and coasts of northern hemisphere; in winter, south to Massachusetts and California. (Rare on Pacific side?)

697. *Stercorarius pomatorhinus* (Temm.). POMARINE JAEGER. [653.] Northern portions of northern hemisphere, chiefly maritime; in North America south in winter to New Jersey and the Great Lakes.

a. No. 88895. ♀ ad. Point Barrow, Alaska, June 24, 1882; J. Murdoch.

b. No. 81219. Ad. Saint Michael's, Alaska; E. W. Nelson.

698. *Stercorarius parasiticus* (Linn.). RICHARDSON'S JAEGER. [654.] Northern parts of northern hemisphere, south in winter to New York, Illinois, Colorado (!), and even to coast of Brazil.

a. No. 88896. ♀ ad. Point Barrow, Alaska, July 5, 1882; J. Murdoch.

b. No. 79056. ♀ ad. South Greenland; Governor Fencker.

c. No. 52511. ♂ ad., melanistic phase. Kodiak, Alaska, May 24, 1868; F. Bischoff.

699. *Stercorarius longicaudus* Vieill. LONG-TAILED JAEGER. [655.] Circumpolar regions; south in winter to northern United States.

a. No. 88904. ♀ ad. Point Barrow, Alaska, June 27, 1882; J. Murdoch.

Order TUBINARES.—The TUBE-NOSED SWIMMERS.

Family DIOMEDEIDÆ.—The ALBATROSSES.

700. *Diomedea nigripes* Aud. BLACK-FOOTED ALBATROSS. Pacific coast of North America.

a. No. 76853. Ad. (?) Coast of California; A. L. Heermann.

701. *Diomedea brachyura* Temm. SHORT-TAILED ALBATROSS. [631.] North Pacific Ocean, south to coast of Oregon.

a. No. 68346. Ad. Bering Sea; Lieut. G. R. Adams, U. S. N.

701.* *Diomedea melanophrys* Temm. SPECTACLED ALBATROSS. Southern oceans, especially South Pacific; casual off coast of California.

a. No. 21297. Ad. Pacific Ocean; Dr. Stuart.

[702.] *Diomedea culminata* Gould. YELLOW-NOSED ALBATROSS. [632.] Pacific Ocean; accidental off coast of Oregon.

703. *Phœbetria fuliginosa* (Gmel.). SOOTY ALBATROSS. [633.] Southern oceans; north, casually (?) to coast of Oregon.

a. No. 68953. ♀ ad. Kerguelen Island; Dr. J. H. Kidder, U. S. N.

Family PROCELLARIIDÆ.—The PETRELS.

- 704. *Ossifraga gigantea* (Gm.).** GIANT FULMAR. [634.] Southern oceans; north to coast of Oregon.
- 705. *Fulmarus glacialis* (Linn.).** FULMAR PETREL. [635.] North Atlantic; south, in winter, to Massachusetts.
a. No. 79119. ♂ ad. Davis Straits, July 19, 1879; N. P. Scudder.
- 705a. *Fulmarus glacialis pacificus* (Aud.)** PACIFIC FULMAR. [636.] North Pacific; south, in winter, to coast of Western Mexico.
a. No. 33119. Ad., light phase. North Pacific; Dr. W. Stimpson.
b. No. 33121. Ad., dark phase. Sea of Kantschatska; Dr. W. Stimpson.
- 705b. *Fulmarus glacialis rogersi* (Cass.).** RODGERS'S FULMAR. North Pacific, from Japan to Alaska.
a. No. 64348. ♂ ad. Saint George's Island, Alaska; H. W. Elliott.
- 706. *Priocella tenuirostris* (Aud.).** SLENDER-BILLED FULMAR. [637.] Southern seas and Pacific coast of North America (common off mouth of Columbia River).
a. No. 33122. Ad. South Africa; Dr. Stuart.
- 707. *Puffinus melanurus* (Bonn.).** BLACK-TAILED SHEARWATER. South Pacific; north, casually (?), to coast of California.
a. No. 21312. Ad. Cape of Good Hope; Dr. Stuart.
- 708. *Puffinus kuhli* (Boie).** CINEREOUS SHEARWATER. [651.] Middle Atlantic, but chiefly the eastern side.
 (See Group J. of mounted birds.)
- 708.* *Puffinus borealis* Cory.** NORTHERN SHEARWATER. Off coast of Massachusetts.
- 709. *Puffinus major* Faber.** GREATER SHEARWATER. [647.] Atlantic Ocean generally.
**a.* No. 79922. ♂ ad. Newfoundland Banks, July 30; Capt. J. W. Collins.
- 710. *Puffinus creatopus* Cooper.** PINK-FOOTED SHEARWATER. Pacific coast, from California to Chili.
- 711. *Puffinus anglorum* Temm.** MANX SHEARWATER. [649.] North Atlantic, particularly the eastern side; Mediterranean Sea; "Coast of New Jersey to Labrador." (?)

712. *Puffinus auduboni* Finsch. DUSKY SHEARWATER. [650.]
Warmer portions of Atlantic Ocean, north to New Jersey.

a. No. 80978. ♂ ad. Saba, West Indies; F. A. Ober.

713. *Puffinus gavia* (Forst.) BLACK-VENTED SHEARWATER.
South Pacific, from New Zealand to Lower California.

714. *Puffinus fuliginosus* Strickl. SOOTY SHEARWATER.
[648.] North Atlantic, south to North Carolina.

(See Group J of mounted birds.)

715. *Puffinus griseus* (Gm.). DARK-BODIED SHEARWATER.
South Pacific, north to Lower California.

716. *Puffinus tenuirostris* Temm. SLENDER-BILLED SHEARWATER. North Pacific.

717. *Æstrelata hæsitata* (Temm.). BLACK-CAPPED PETREL.
[638.] Warmer parts of Atlantic Ocean, straggling north to Florida, New York, France, and England. Sandwich Islands?

717.* *Æstrelata fisheri* Ridgw. FISHER'S PETREL. Coast of Alaska; accidental in Western New York?

718. *Æstrelata bulweri* (Jard. & Selby). BULWER'S PETREL.
Eastern middle Atlantic, especially in vicinity of Canary Islands; accidental near Greenland.

719. *Daption capensis* (Linn.). PINTADO PETREL; CAPE PIGEON. [639.] Southern seas; accidental (?) off coast of California.

a. No. 89434. Ad. Falkland Islands, April 30, 1882; Dr. T. C. Craig, U. S. N.

720. *Halocyptena microsoma* Coes. LEAST PETREL. Coast of Lower California.

721. *Procellaria pelagica* Linn. STORMY PETREL; MOTHER CAREY'S CHICKEN. [645.] North Atlantic, south to Newfoundland Banks.

722. *Oceanites oceanicus* (Kuhl). WILSON'S PETREL. [644.] Atlantic Ocean, Australian seas, and other regions; Gulf of Mexico to Baffin's Bay.

723. *Cymochorea leucorrhœa* (Vieill.). LEACH'S PETREL.
[642.] Seas of northern hemisphere; Massachusetts to Baffin's Bay.

(See Group J of mounted birds.)

- 724. *Cymochorea melæna*** (Bp.). BLACK PETREL. [643.] South Pacific, north to Lower California.
- 725. *Cymochorea homochroa*** Coues. ASHY PETREL. Farallone Islands, coast of California.
- 726. *Oceanodroma furcata*** (Gmel.). FORK-TAILED PETREL. [640.] North Pacific, south to coast of Oregon.
(See Group J of mounted birds.)
- 727. *Oceanodroma hornbyi*** (Gray). HORNBY'S PETREL. [641.] North Pacific ("Russian America").
- 728. *Fregetta grallaria*** (Vieill.). WHITE-BELLIED PETREL. [646.] Tropical seas, mostly in southern hemisphere; accidental off coast of Florida.

Order PYGPODES.—The DIVERS.

Family PODICIPEDIDÆ.—The GREBES.

- 729. *Æchmophorus occidentalis*** (Lawr.). WESTERN GREBE. [704.] Western North America, but chiefly the interior; north in summer to Manitoba, south in winter to Mexico.
a. No. 74470. ♂ ad. Stockton, California, June 3, 1878; L. Belding.
(See also Group K of mounted birds.)
- 730. *Æchmophorus occidentalis clarki*** (Lawr.). CLARK'S GREBE. [705.] Pacific coast of North America, south in winter to Mexico.
a. No. 41243. Ad. San Pedro, California, November, 1865; Dr. E. Coues, U. S. A.
- 731. *Podiceps holboelli*** Reinh. AMERICAN RED-NECKED GREBE. (702,703 *a.*) North America, including Greenland; in winter, throughout United States; Eastern Siberia.
a. No. 81281. Juv. Saint Michael's, Alaska; E. W. Nelson.
- 732. *Dytes auritus*** (Linn.). HORNED GREBE. [706.] Northern hemisphere, breeding in colder regions.
(See Group K of mounted birds.)
- [733.] ***Dytes nigricollis*** (Sund.). EARED GREBE. [708.] Palearctic region, including Southern Greenland.
- 733a. *Dytes nigricollis californicus*** (Heerm.). AMERICAN EARED GREBE. [707.] Western North America, east (casually ?) to Mississippi Valley.
(See Group K of mounted birds.)

- ✓ **734. Tachybaptus dominicus** (Linn.). SAINT DOMINGO GREBE.
[708 a.] Whole of tropical America, including West Indies; north to Rio Grande Valley, in Texas, and Lower California.
a. No. 70597. ♂ ad. Santa Maria, Texas, March 2, 1876; Dr. J. C. Merrill.
- 735. Podilymbus podiceps** (Linn.). THICK-BILLED GREBE.
[709.] Whole of tropical and temperate America.
a. No. 88537. ♂ juv. Wheatland, Indiana, October 19, 1882; R. Ridgway.
b. No. 65554. Pullus. Turtle, Mount Dakota, August 7, 1873; Dr. E. Cones, U. S. A.
(See also Group K of mounted birds.)

Family COLYMBIDÆ.—The LOONS or DIVERS.

- 736. Colymbus torquatus** Brünn. LOON. [698.] Northern portions of northern hemisphere; in America, breeding south to northern border of the United States.
a. No. 68352. Ad. Potomac River, D. C.; S. Wolf.
- 737. Colymbus adamsi** Gray. GREAT WHITE-BILLED LOON
Western Arctic America.
a. No. 44454. Ad. Fort Resolution, June, 1875; J. Lockhart.
- 738. Colymbus arcticus** Linn. BLACK-THROATED DIVER.
[699.] Northern parts of northern hemisphere.
a. No. 76004. Ad. Alaska; E. W. Nelson.
- 739. Colymbus pacificus** Lawr. PACIFIC DIVER. [700.]
Pacific coast of North America, breeding far northward (chiefly in Alaska).
a. No. 88978. ♀ ad. Point Barrow, Alaska, July 4, 1882; M. Smith.
- 740. Colymbus septentrionalis** Linn. RED-THROATED DIVER. [701.] Northern portions of northern hemisphere in America, south in winter nearly across the United States.
a. No. 76007. Ad. Saint Michael's, Alaska; E. W. Nelson.

Family ALCIDÆ.—The AUK TRIBE.

- 741. Plautus impennis** (Linn.). GREAT AUK. [710.] Believed to be now extinct; formerly (previous to 1844) inhabiting the islands of the North Atlantic from the New England coast (Boston Bay) north to the Arctic Circle.

742. *Alca torda* Linn. RAZOR-BILLED AUK. [711.] Coast and islands of the North Atlantic, south in winter to about 40°; Japan.

(See Group L of mounted birds.)

743. *Fratercula arctica* (Linn.). COMMON PUFFIN. [715, 716.] Coasts and islands of Arctic and North Atlantic Oceans; south in winter to coasts of Massachusetts and France; in North America breeding south to Bay of Fundy.

a. No. 79026. ♀ ad. Godhavn, Greenland; Governor Fenckér.

743a. *Fratercula arctica glacialis* (Leach). LARGE-BILLED PUFFIN. [714.]

744. *Fratercula corniculata* (Naum.). HORNED PUFFIN. [713.] Coasts and Islands of the North Pacific; south in winter to Sitka.

**a.* No. 54740. Ad. Kodiak, Alaska, July 29, 1868; F. Bischoff.

745. *Lunda cirrhata* (Pall.). TUFTED PUFFIN. [712.] North Pacific; along American coast, breeding south to Farallone Islands, California; said to have been taken on Kennebec River, Maine, and Bay of Fundy.

a. No. 81277. Juv. Saint Michael's, Alaska; E. W. Nelson.

b. No. 68320. Pullus. Alaska; Lieut. G. R. Adams, U. S. N.

(See also Group L of mounted birds.)

746. *Ceratorhyncha occidentalis* Bonap. HORNED-BILLED PUFFIN. [717, 718.] Coasts and islands of the North Pacific; on the Asiatic side south to Japan and Kamschatka, and on the American coast breeding south to San Diego, California.

(See Group L of mounted birds.)

747. *Phaleris psittacula* (Pall.). PARROT AUK. [725.] Shores and islands of the North Pacific, from Japan (?) and Kamschatka to Sitka.

**a.* No. 64346. Ad. Saint George's Island, Alaska, July 12, 1872; H. W. Elliott.

748. *Simorhynchus cristatellus* (Pall.). CRESTED AUK. [719, 720.] Coasts and islands of the North Pacific from Japan to Kodiak, and north to Prybilov (Seal) Islands.

**a.* No. 62565. Ad. Saint Paul's Island, April 16, 1872; H. W. Elliott.

(See also Group L of mounted birds.)

749. *Simorhynchus pygmaeus* (Gmel.). WHISKERED AUK. [721.] Commander Islands and coast of Kamschatka; east through Aleutian chain to Unalaska.

(See Group L of mounted birds.)

- 750. *Ciceronia pusilla*** (Pall.). LEAST AUK. [722, 723.] Coasts and islands of the North Pacific from Northern Japan to Alaska; south in winter to Sitka.
- *a. No. 62601. ♂ ad. Saint Paul's Island, April 23, 1872; H. W. Elliott.
- *b. No. 62614. ♀ ad. Saint Paul's Island, April 23, 1872; H. W. Elliott.
- (See also Group L of mounted birds.)
- 751. *Ptycorhamphus aleuticus*** (Pall.). CASSIN'S AUK. [724.] Pacific coast of North America from Aleutian Islands to San Diego, California.
- a. No. 61443. Ad. San Miguel Island, California.
- 752. *Alle nigricans*** Link. SEA DOVE; DOVEKIE. [738.] North Atlantic; south, in winter, to New Jersey.
- a. No. 85853. Ad. Greenland; Governor Fencker.
- 753. *Synthliborhamphus antiquus*** (Gm.). BLACK-THROATED GUILLEMOT. [736.] North Pacific coast from Japan to Sitka.
- (See Group L of mounted birds.)
- 754. *Synthliborhamphus wurmizusume*** (Temm.). TEMMINCK'S GUILLEMOT. [737.] North Pacific coast from Japan to Washington Territory.
- 755. *Brachyrhamphus marmoratus*** (Gm.). MARBLED GUILLEMOT. [732, 733.] Pacific coast of North America; south to Santa Cruz, California.
- a. No. 78193. Ad., summer plumage. Santa Cruz, California; W. A. Cooper.
- b. No. 78192. Ad., winter plumage. Santa Cruz, California; W. A. Cooper.
- 756. *Brachyrhamphus kittlitzi*** Brandt. KITTLITZ'S GUILLEMOT. [735.] North Pacific coast from Japan to Unalashka.
- 757. *Brachyrhamphus hypoleucus*** Xantus. XANTUS'S GUILLEMOT. Coast of California from San Diego to Cape Saint Lucas.
- 758. *Brachyrhamphus craverii*** Salvad. CRAVER'S GUILLEMOT. Coast of Lower California.
- 759. *Brachyrhamphus brachypterus*** Brandt. SHORT-WINGED GUILLEMOT. [734.] Unalashka.
- 760. *Uria grylle*** (Linn.). BLACK GUILLEMOT. [726.] Coasts and islands of Arctic and North Atlantic Oceans; in America, south in winter to New Jersey; rare on coast of Alaska north of the peninsula.
- *a. No. 76309. ♀ ad. Cumberland Gulf; L. Kumlien.

- 761. *Uria columba*** (Pall.). PIGEON GUILLEMOT. [727.] North Pacific (both sides), breeding south to California.
a. No. 62707. ♀ ad. Popoff Straits, Alaska, June 24, 1872; W. H. Dall.
- 762. *Uria carbo*** (Pall.). SOOTY GUILLEMOT. [728.] Northern Japan to Unalashka.
- 763. *Lomvia troile*** (Linn.). COMMON GUILLEMOT. [729, 730.] North Atlantic; in America, south in winter to coast of New England.
a. No. 517. ♂ ad. Labrador?; Prof. S. F. Baird.
- 763a. *Lomvia troile californica*** (Bryant). CALIFORNIA GUILLEMOT. Pacific coast of North America, breeding south to Farallone Islands, California.
a. No. 64305. ♂ ad. Saint George's Island, Alaska, June 20, 1872; H. W. Elliott.
- 764. *Lomvia arra*** (Pall.). THICK-BILLED GUILLEMOT. Northern parts of North Pacific; Bering's Sea.
a. No. 64309. Ad. Prybilov Islands, Alaska; H. W. Elliott.
b. No. 68334. Pullus. Walrus Island, Alaska; Lieut. G. R. Adams, U. S. N.
- 764a. *Lomvia arra bruennichi*** (Schleg.). BRUENNICH'S GUILLEMOT. [731.] North Atlantic; south in winter to New Jersey; Arctic Ocean.
a. No. 71016. Ad. N. lat. 62° 24', W. lon. 65°; Lieut. W. A. Mintzer, U. S. N.
b. No. 18255. Juv. Groswater Bay, Labrador, July 25; Dr. E. Coues.

MOUNTED GROUPS.

GROUP A.

1. AMERICAN BITTERN (497. *Botaurus lentiginosus*). No. 88175. ♂ ad. Omaha, Nebraska; Dr. R. W. Shufeldt, U. S. A.
2. SCARLET IBIS (502. *Eudocimus ruber*). No. 76762. ♂ ad. Brazil; J. G. Bell.
3. WHITE-FACED GLOSSY IBIS (504. *Plegadis guarauna*). No. 79167. ♂ ad. Stockton, California, May 7, 1879; L. Belding.

GROUP B.

1. LEAST BITTERN (498. *Ardetta exilis*). No. 89890. ♂ ad. Gainesville, Florida, February, 1883; G. Shoemaker.
2. LOUISIANA HERON (492. *Hydranassa tricolor ludoviciana*). No. 84588. Juv. Florida; presented by R. Ridgway.
3. LITTLE BLUE HERON (493. *Florida cærulea*).
4. ROSEATE SPOONBILL (505. *Ajaja rosea*). No. 68302. Ad. Florida; Prof. J. W. P. Jenks.

GROUP C.

1. EMPEROR GOOSE (598. *Philacte canagica*). No. 81232. Ad. Alaska; E. W. Nelson.
2. BLACK BRANT (596. *Bernicla nigricans*). No. 88976. ♂ ad. Point Barrow, Alaska, June 18, 1882; J. Murdoch.

GROUP D.

1. BLACK-BELLIED TREE DUCK (599. *Dendrocyena autumnalis*). No. 58974. ♂ ad. Isthmus Tehuantepec, June 15, 1869; Prof. F. Sumichrast.
2. FULVOUS TREE DUCK (600. *Dendrocyena fulva*). No. 77897. Ad. San Luis Obispo, California, April, 1879; Dr. W. W. Hays.

GROUP E.

1. BLUE-WINGED TEAL (609. *Querquedula discors*). No. 87711. ♂ ad. Gurnell, Illinois, April 12, 1881; H. K. Coale.
2. CINNAMON TEAL (610. *Querquedula cyanoptera*). No. 89901. ♂ ad. Colorado, autumn.
3. GREEN-WINGED TEAL (612. *Nettion carolinensis*). No. 84722. ♂ ad. Mount Carmel, Illinois, March 25, 1877; J. L. Ridgway.

4. CANVAS-BACK (617. *Æthya vallisneria*). No. 9778. ♂ ad. San Francisco, California; Dr. A. L. Heermann.
5. RED-HEAD (618. *Æthya americana*). No. 89900. ♂ ad. Monroe County, New York, October, 1882; G. Ward.

GROUP F.

1. WOOD DUCK; SUMMER DUCK (613. *Aix sponsa*). No. 88183. ♂ ad. Cayuga Lake, New York; Dr. R. W. Shufeldt, U. S. A.
2. BLACK MALLARD; DUSKY DUCK (602. *Anas obscura*). No. 76765. Eastern United States; Dr. A. L. Heermann (?).
3. BALDPATE; AMERICAN WIGEON (607. *Mareca americana*). No. 76766. ♂ ad. Dr. A. L. Heerman (?).
4. HOODED SHELDRAKE (638. *Lophodytes cucullatus*). No. 84751. ♂ ad. Chicago, Illinois, December, 1875; E. W. Nelson.

GROUP G.

1. HARLEQUIN DUCK (622. *Histrionicus minutus*). No. 89902. ♂ ad. Maine, winter; M. Hardy.
2. STELLER'S DUCK (625. *Cosmonetta stelleri*). No. 89903. ♂ ad. Kodiak, Alaska; W. J. Fischer.
3. SPECTACLED EIDER (626. *Lampronetta fischeri*). No. 88949. ♂ ad. Point Barrow, Alaska, June 11, 1882; J. Murdoch.
4. KING EIDER (629. *Somateria spectabilis*). No. 88959. ♂ ad. Point Barrow, Alaska, May 16, 1882; J. Murdoch.

GROUP H.

1. AMERICAN ANHINGA; SNAKE BIRD (649. *Plotus anhinga*). No. 77300. ♂ ad. Hernando County, Florida, March 26, 1876; G. Smith.
2. Ditto. No. 77302. ♀ ad. Hernando County, Florida, February 9, 1877; G. Smith.

GROUP I.

1. LAUGHING GULL (673. *Larus atricilla*). No. 77313. ♂ ad., winter plumage. Hillsborough County, Florida, February 11, 1876; G. Smith.
2. Ditto. No. 64393. Juv., first plumage. Atlantic coast, United States; Prof. S. F. Baird.
3. BONAPARTE'S GULL (675. *Larus philadelphia*). No. 84772. ♀ ad. Potomac River, District of Columbia, April 14, 1879; R. Ridgway.
4. SABINE'S GULL; FORK-TAILED GULL (677. *Xema sabinei*). No. 88889. ♂ ad. Point Barrow, Alaska, June 8, 1882; J. Murdoch.

5. FORSTER'S TERN (685. *Sterna forsteri*). No. 76774. ♂ ad. New Jersey?; Dr. A. L. Heermann.
6. LEAST TERN (690. *Sterna antillarum*). No. 80192. ♂ ad. Bone Island, Virginia, July, 1880; R. Ridgway.

GROUP J.

1. FULMAR PETREL (705 *Fulmarus glacialis*). No. 76293. ♀ ad., light phase. Ovipak, Greenland, August 10, 1878; L. Kumlien.
2. CINEREOUS SHEARWATER (708. *Puffinus kuhli*). No. 75294. ♀ ad. Beyrout, Syria; J. S. Van Dyck.
3. SOOTY SHEARWATER (714. *Puffinus fuliginosus*). No. 76515. Ad. Newfoundland Banks (Le Havre Bank); Capt. J. W. Collins.
4. LEACH'S PETREL (723. *Cymochorea leucorrhoea*). No. 79927. Ad. Newfoundland Banks; Capt. J. W. Collins.
5. FORK-TAILED PETREL (726. *Oceanodroma furcata*). No. 81216. Ad. Saint Michael's, Alaska; E. W. Nelson.

GROUP K.

1. WESTERN GREBE (729. *Æchmophorus occidentalis*). No. 77569. ♀ Pullus. Eagle Lake, California, July 2, 1877; H. W. Henshaw.
2. HORNED GREBE (732. *Dytes auritus*). No. 82316. ♂ ad. Potomac River, District of Columbia, April 25, 1881; H. Horan.
3. AMERICAN EARED GREBE (733 a. *Dytes nigricollis californicus*). No. 76343. Ad. Breeding plumage, Manhattan, Kansas, May 24, 1871; C. P. Blaunchly.
4. AMERICAN EARED GREBE. No. 89795. Ad. (?), winter plumage. (Locality and collector unknown.)
5. THICK-BILLED, or PIED-BILLED, GREBE (735. *Podilymbus podiceps*). No. 84791. ♀ ad. Mount Carmel, Illinois, July 23, 1875; E. W. Nelson.

GROUP L.

1. RAZOR-BILLED AUK (742. *Alca torda*). No. 79020. ♀ ad. Godhavn, Greenland; Governor Fencker.
2. TUFTED PUFFIN (745. *Lunda cirrhata*). No. 62509. ♀ ad. Prybilov Islands, Alaska, June 28, 1872; H. W. Elliott.
3. HORNED-BILLED PUFFIN (746. *Ceratorhyncha occidentalis*). No. 76776. Ad. Farallone Islands, California; Dr. A. L. Heermann.
4. LEAST AUK (750. *Ciceronia pusilla*). No. 62628. ♂ ad. Saint Paul's Island, Alaska, May 23, 1872; H. W. Elliott.
5. CRESTED AUK (748. *Simorhynchus cristatellus*). No. 62571. ♂ ad. Saint Paul's Island, Alaska, June 18, 1872; H. W. Elliott.
6. WHISKERED AUK (749. *Simorhynchus ? pygmaeus*). No. 89141. ♂ ad. Copper Island, Kamtschatka, July, 1882; L. Stejneger.

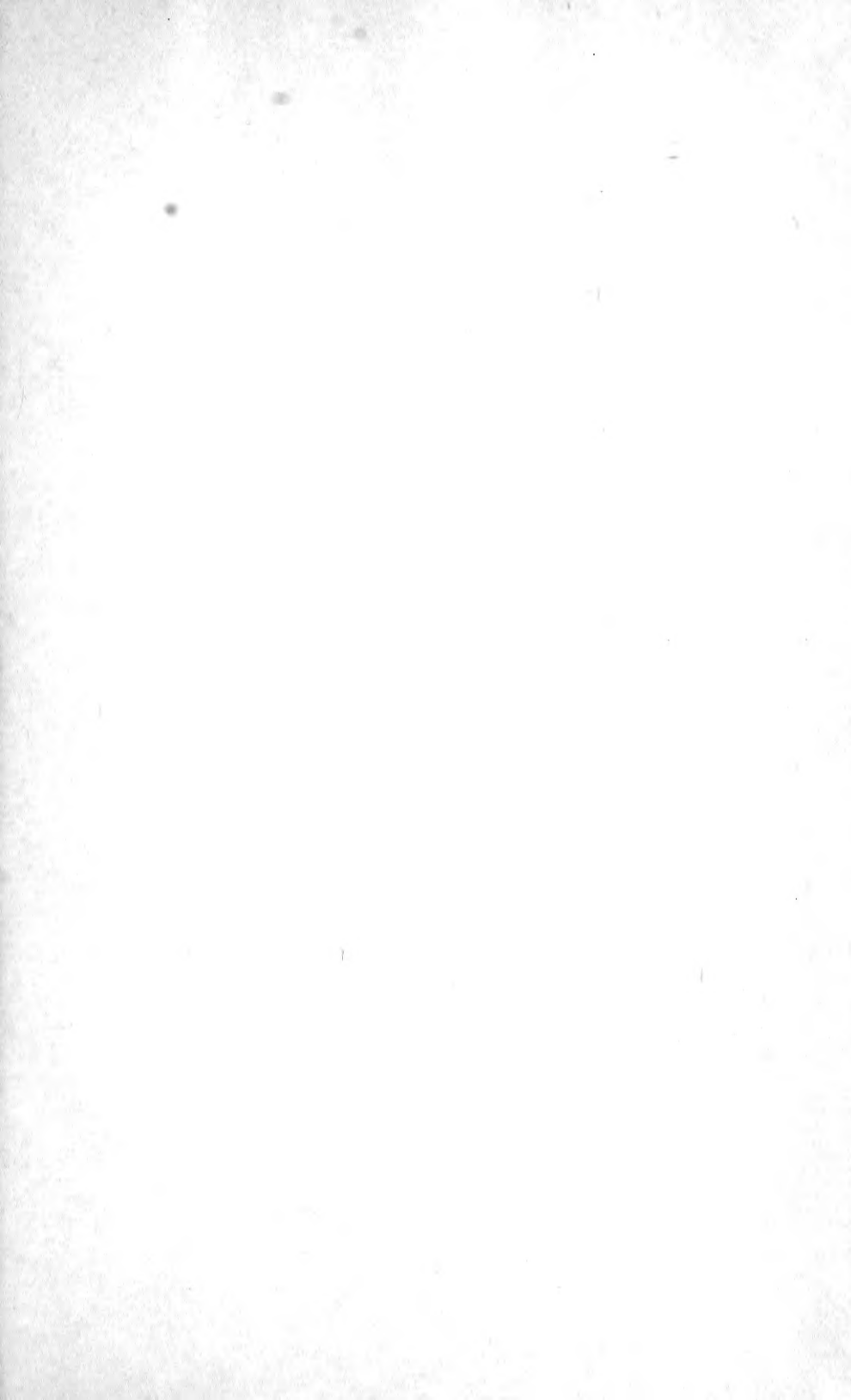
7. BLACK-THROATED GUILLEMOT (753. *Synthliborhamphus antiquus*).
No. 89142. ♂ ad. Copper Island, Kamtschatka, July, 1882;
L. Stejneger.

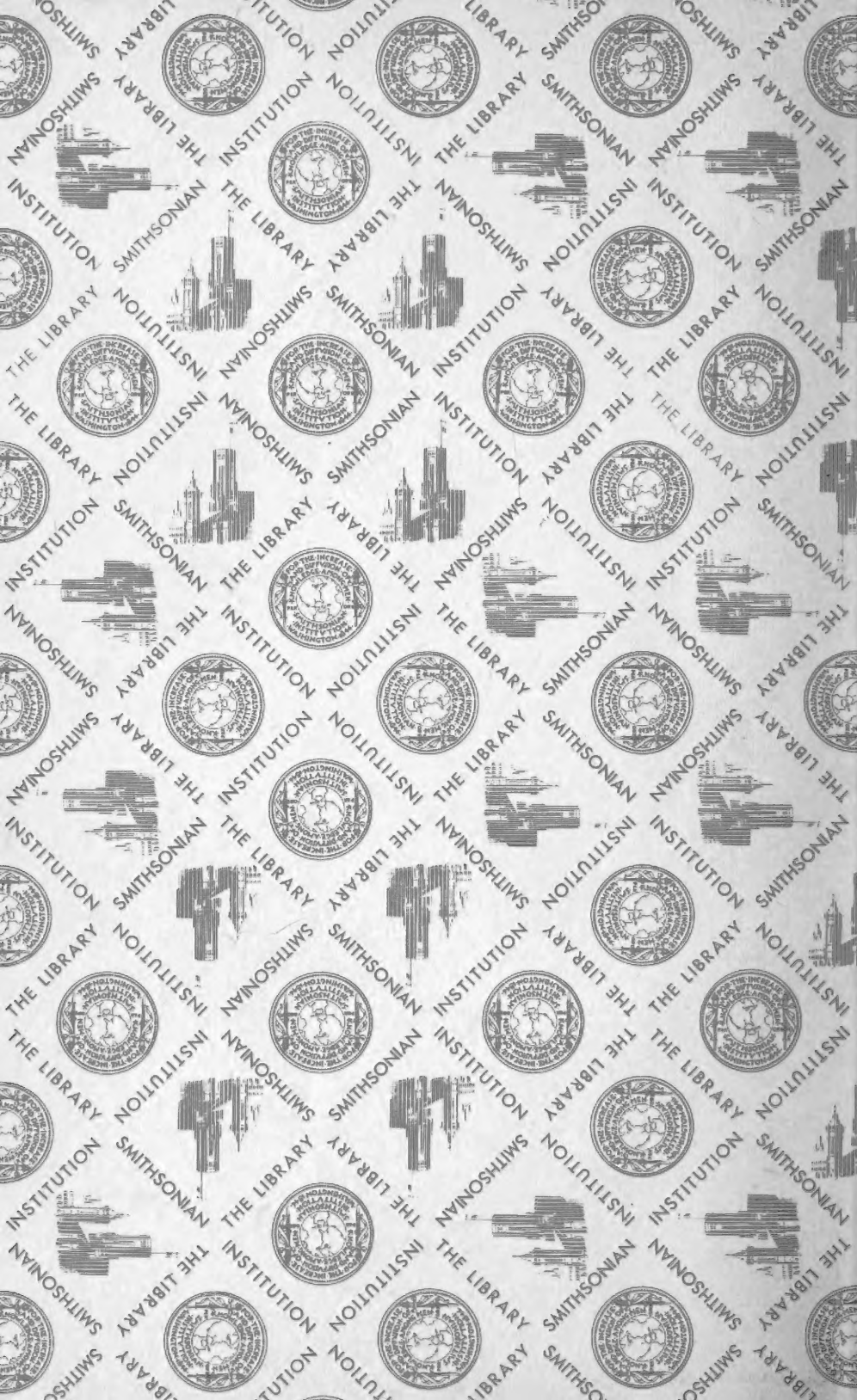
In addition to the above, there are exhibited separately the following mounted specimens:

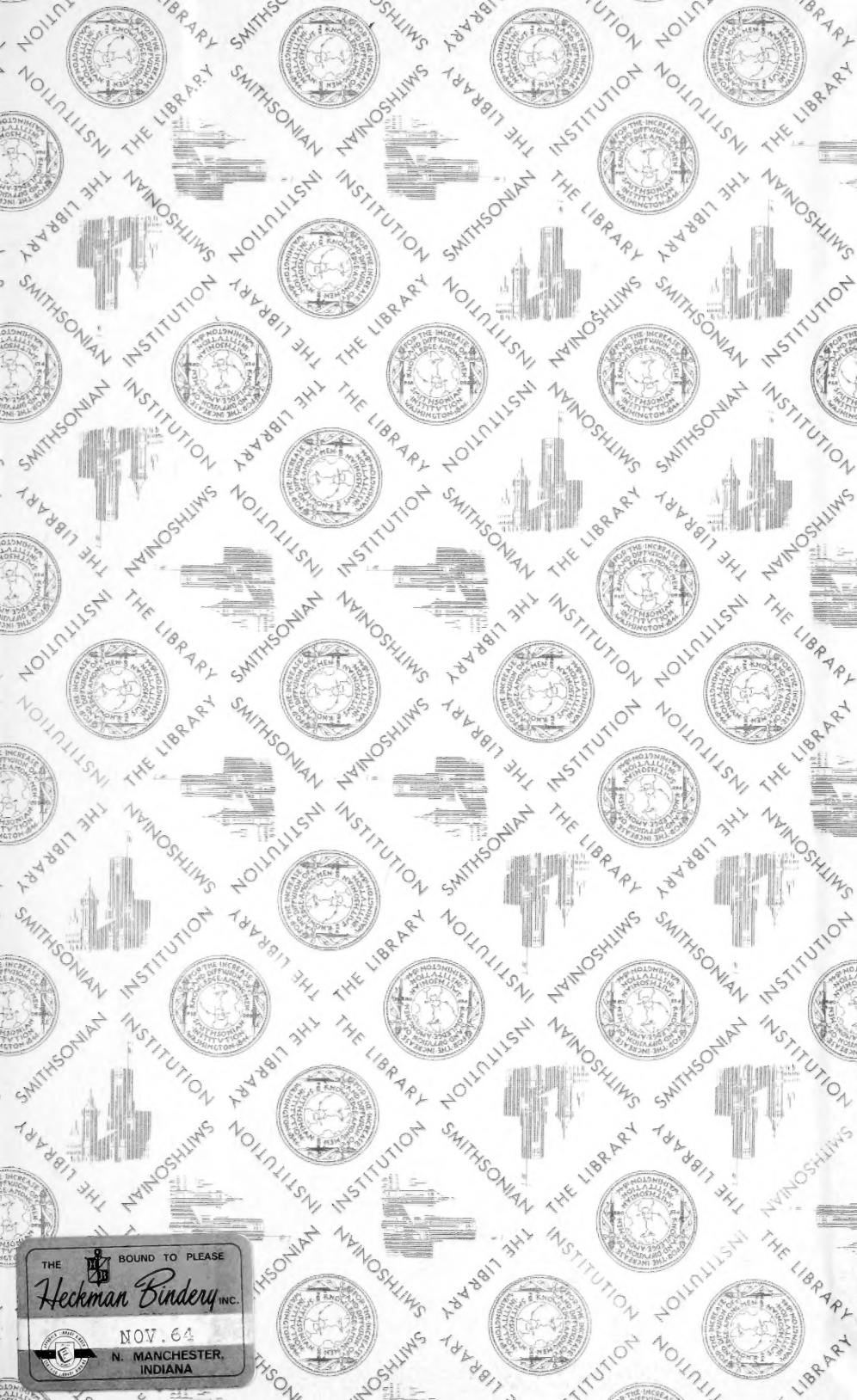
- BALD EAGLE; AMERICAN SEA EAGLE, (*Haliaëtus leucocephalus* L.).
No. 84529. ♀ ad. Mount Carmel, Illinois, January 1, 1871;
R. Ridgway.
- AMERICAN WHITE PELICAN (640. *Pelecanus erythrorhynchus* Gm.). No.
71051. ♀ ad. Grant County, Minnesota, April 27, 1876; G.
B. Sennett.
- BROWN PELICAN (641. *Pelecanus fuscus* L.). No. 86384. ♂ ad. Breed-
ing plumage; La Paz, Lower California, February 24, 1882;
L. Belding.

1875









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