

A LIST OF THE GENERA AND SPECIES OF ANATIDAE

On the basis of the considerations in the above section of our paper, we propose the following list⁸ of genera and species of Anatidae:

I SUBFAMILY ANSERINAE

1. TRIBE ANSERINI. GEESE AND SWANS

Branta

- canadensis*, Canada Goose
- sandwicensis* ("Nesochen"), Hawaiian Goose
- leucopsis*, Barnacle Goose
- bernicla*, Brant
- ruficollis*, Red-breasted Goose

Anser

- cygnoides* ("Cygnopsis"), Swan-geese
- fabalis* (inc. *neglectus* and *brachyrhynchus*), Bean Goose, Sushkin's Goose, and Pink-footed Goose
- { *albifrons*, White-fronted Goose
- erythropus*, Lesser White-fronted Goose
- anser*, Grey-Lag Goose
- indicus* ("Eulabeia"), Bar-headed Goose
- canagicus* ("Philacte"), Emperor Goose
- caerulescens* ("Chen", inc. *hyperboreus* and *atlanticus*), Blue Goose, Lesser and Greater Snow Geese
- rossi* ("Chen"), Ross's Goose

Cygnus

- columbianus* (inc. *bewicki*), Whistling and Bewick's Swans
- cygnus* (inc. *buccinator*), Whooper and Trumpeter Swans
- melanocoryphus*, Black-necked Swan
- olor*, Mute Swan
- atratus* ("Chenopsis"), Black Swan

Coscoroba

- coscoroba*, Coscoroba

2. TRIBE DENDROCYGNINI. WHISTLING DUCKS (TREE DUCKS)

Dendrocygna

- arborea*, Black-billed Whistling Duck
- guttata*, Spotted Whistling Duck
- autumnalis*, Red-billed Whistling Duck
- javanica*, Indian Whistling Duck
- { *bicolor*, Fulvous Whistling Duck
- arcuata*, Wandering Whistling Duck
- eytoni*, Plumed Whistling Duck
- viduata*, White-faced Whistling Duck

⁸ Additional genera and species recognized by Peters are given in parenthesis. Each pair or group of species united by a bracket constitutes a superspecies.

II SUBFAMILY ANATINAE

1. TRIBE TADORNINI. SHELDRAKES

*Lophonetta**specularioides* ("Anas"), Crested Duck*Tadorna**cristata* ("Pseudotadorna"), Korean Sheldrake*ferruginea* ("Casarca"), Ruddy Sheldrake*cana* ("Casarca"), South African Sheldrake*tadornoides* ("Casarca"), Australian Sheldrake*variegata* ("Casarca"), Paradise Sheldrake*radjah*, Radjah Sheldrake*tadorna*, Common Sheldrake*Alopochen**aegyptiacus*, Egyptian Goose*Neochen**jubatus*, Orinoco Goose*Cyanochen**cyanopterus*, Abyssinian Blue-winged Goose*Chloëphaga**melanoptera*, Andean Goose*poliocephala*, Ashy-headed Goose*rubidiceps*, Ruddy-headed Goose*picta* (= *dispar* = *leucoptera*), Magellan Goose*hybrida*, Kelp Goose

Aberrant Species

*Cereopsis**novae-hollandiae*, Cape Barren Goose*Tachyeres**patachonicus*, Flying Steamer Duck*pteneres*, Magellanic Flightless Steamer Duck*brachypterus*, Falkland Flightless Steamer Duck

2. TRIBE ANATINI. RIVER DUCKS

*Anas**specularis*, Bronze-winged Duck*Anas**waigiensis* ("Salvadorina"), Salvadori's Duck*Anas**angustirostris*, Marbled Teal*capensis*, Cape Teal*punctata*, Hottentot Teal*versicolor*, Versicolor Teal*erythrorhyncha*, African Red-billed Duck*bahamensis* (inc. *galapagensis*), Bahama and Galápagos Island Ducks

Anas

- { *georgica* (inc. *spinicauda*), South Georgian and South American Pintails
- { *acuta* (inc. *eatonii*), Common Pintail and Eaton's Pintail

Anas

- flavirostris* (inc. *andium*), Yellow-billed and Andean Teal
- crecca*, Green-winged Teal

Anas

- formosa*, Baikal Teal

Anas

- falcata*, Falcated Teal

Anas

- { *bernieri*, Madagascan Teal
- { *gibberifrons* (inc. *albogularis*), Gray Teal and Andaman Teal
- { *castanea*, Chestnut-breasted Teal
- { *aucklandica* ("Nesonetta", inc. *Anas chlorotis*), Auckland Island Teal and Brown Teal

Anas

- fulvigula* (inc. *diazi* and *rubripes*), Dusky Duck, Mexican, and Black Ducks
- poecilorhyncha* (inc. *superciliosa* and *luzonica*), Spot-bill, Australian Duck, and Philippine Duck
- melleri*, Meller's Duck
- undulata*, African Yellow-billed Duck
- platyrhynchos* (inc. *wywilliana*, *laysanensis*, and *oustaletii*), Common Mallard, Hawaiian Duck, Laysan Teal, and Marianas Mallard

Anas

- sparsa*, African Black Duck

Anas

- strepera* ("Chaulelasmus", inc. *couesi*), Gadwall and Coues' Gadwall

Anas

- { *penelope* ("Mareca"), European Widgeon
- { *americana* ("Mareca"), American Widgeon
- { *sibilatrix* ("Mareca"), Chilöe Widgeon

Anas

- discors*, Blue-winged Teal
- cyanoptera*, Cinnamon Teal
- querquedula*, Garganey Teal
- platatea* ("Spatula"), South American Shoveller
- smithi* ("Spatula capensis"), Cape Shoveller
- rhynchotis* ("Spatula"), Australian-New Zealand Shoveller
- clypeata* ("Spatula"), Common Shoveller

*Anas**leucophrys*, Ringed Teal

Aberrant Species

*Hymenolaimus**malacorhynchos*, Blue Duck*Malacorhynchus**membranaceus*, Pink-eared Duck*Rhodonessa**caryophyllacea*, Pink-headed Duck*Stictonetta**naevosa*, Freckled Duck(Removed from *Anas*: *specularioides*, see *Lophonetta*, Tribe Tadornini;
brasiliensis, see *Amazonetta*, Tribe Cairinini).

3. TRIBE AYTHYINI. POCHARDS

*Netta**rufina*, Red-crested Pochard*peposaca* ("Metopiana"), Rosy-billed Pochard*erythrophthalma* ("Nyroca"), Southern Pochard*Aythya**valisineria* ("Nyroca"), Canvas-back*ferina* ("Nyroca"), European Pochard*americana* ("Nyroca"), Redhead*innotata* ("Nyroca"), Madagascan White-eyed Duck*nyroca* ("Nyroca"), Common White-eyed Duck*baeri* ("Nyroca"), Baer's White-eyed Duck*australis* ("Nyroca"), Australian White-eyed Duck*novae-seelandiae* ("Nyroca"), New Zealand Duck*collaris* ("Nyroca"), Ring-necked Duck*fuligula* ("Nyroca"), Tufted Duck*affinis* ("Nyroca"), Lesser Scaup*marila* ("Nyroca"), Greater Scaup

4. TRIBE CAIRININI. PERCHING DUCKS

*Amazonetta**brasiliensis* ("Anas"), Brazilian Teal*Chenonetta**jubata*, Maned Goose*Aix**galericulata* ("Dendronessa"), Mandarin Duck*sponsa*, Carolina Wood Duck*Nettapus**auritus*, African Pygmy Goose*pulchellus* ("Chemiscus"), Green Pygmy Goose*coromandelianus* ("Chemiscus"), Indian Pygmy Goose*Sarkidiornis**melanotos* (inc. *carunculatus*), Comb Duck

Cairina

- harillaubi* ("Pteronetta"), Hartlaub's Duck
- scutulata* ("Asarcornis"), White-winged Duck
- moschata*, Muscovy Duck

Plectropterus

- gambensis*, African Spur-winged Goose

Aberrant Species

Anseranas

- semipalmata*, Pied Goose

5. TRIBE Mergini. SEA DUCKS

Somateria

- mollissima*, Common Eider
- spectabilis*, King Eider
- fischeri* ("Arctonetta"), Spectacled Eider
- stelleri* ("Polysticta"), Steller's Eider

Camptorhynchus

- labradorius*, Labrador Duck

Melanitta

- nigra* ("Oidemia"), Common Scoter
- perspicillata*, Surf Scoter
- fusca*, White-winged Scoter

Histrionicus

- histrionicus*, Harlequin Duck

Clangula

- hyemalis*, Old-squaw

Bucephala

- islandica*, Barrow's Golden-eye
- clangula*, Common Golden-eye
- albeola*, Buffle-head

Mergus

- albellus* ("Mergellus"), Smew
- cucullatus* ("Lophodytes"), Hooded Merganser
- octosetaceus*, Brazilian Merganser
- australis*, Auckland Island Merganser
- serrator*, Red-breasted Merganser
- squamatus*, Scaly-sided Merganser
- merganser*, Goosander

6. TRIBE Oxyurini. STIFF-TAILED DUCKS

Oxyura

- dominica* ("Nomonyx"), Masked Duck
- leucocephala*, White-headed Duck
- jamaicensis*, North American Ruddy Duck
- australis* (inc. *maccoa*, *ferruginea*, and *vittata*), Blue-billed Duck, Maccoa Duck, Peruvian Ruddy Duck, and Argentine Ruddy Duck

*Biziura**lobata*, Australian Musk Duck

Aberrant Species

*Thalassornis**leuconota*, African White-backed Duck*Heteronetta**atricapilla*, Black-headed Duck

7. TRIBE MERGANETTINI. TORRENT DUCKS

*Merganetta**armata*, Torrent DuckGENERA RECOGNIZED BY PETERS AND SYNONYMIZED HERE*Arctonetta* = *Somateria**Asarcornis* = *Cairina**Casarca* = *Tadorna**Chaulelasmus* = *Anas**Chen* = *Anser**Cheniscus* = *Nettapus**Chenopsis* = *Cygnus**Cygnopsis* = *Anser**Dendronessa* = *Aix**Eulabeia* = *Anser**Lophodytes* = *Mergus**Mareca* = *Anas**Mergellus* = *Mergus**Metopiana* = *Netta**Nesochen* = *Branta**Nesonetta* = *Anas**Nomonyx* = *Oxyura**Nyroca* = *Aythya**Oidemia* = *Melanitta**Philacte* = *Anser**Polysticta* = *Somateria**Pseudotadorna* = *Tadorna**Pteronetta* = *Cairina**Salvadorina* = *Anas**Spatula* = *Anas*

GENERA RECOGNIZED HERE BUT NOT BY PETERS

Amazonetta von Boetticher (for *Anas brasiliensis*)*Lophonetta* Riley (for *Anas specularioides*)

COMPARISON OF CHARACTERS

Our studies have shown that the waterfowl can be divided into about nine groups that are fairly well defined both morphologically and biologically. In addition, there are a number of species and genera that are either intermediate between the otherwise well-defined tribes (e.g. *Coscoroba*) or too poorly known for a safe classification (e.g. *Anas specularis*, *Anas leucophrys*, *Malacorhynchus*, *Tachyeres*); others show peculiarities or a combination of characters that prevent them from fitting well into any of the existing groups. Such genera as the Australian *Cereopsis*, *Anseranas*, *Stictonetta*, and *Chenonetta* could either be made the sole representatives of so many separate tribes or each could be included in the tribe with which it shares the greatest number of similarities. For the sake of convenience we have adopted the latter course, but without forgetting that these genera are not typical representatives of the tribes with which we associate them.