

Biology 427: List of main species to learn

You are responsible for learning to identify the 165 species below. Focus on learning their official English names (as set by the American Ornithologists' Union). You should also learn the Order and Family names, especially for large groups. Species scientific names are provided for interest, but in this course you are not expected to memorize them.

Page numbers refer to: *National Geographic Field Guide to the Birds of North America, 6th Edition.*

<u>ORDER</u>	<u>Family</u>	<u>English Name (AOU)</u>	<u>Scientific Name</u>	<u>Page</u>
ANSERIFORMES				
	Anatidae (Ducks, Geese, and Swans)			
		Snow Goose	<i>Chen caerulescens</i>	16
		Canada Goose	<i>Branta canadensis</i>	20
		Trumpeter Swan	<i>Cygnus buccinator</i>	22
		Wood Duck	<i>Aix sponsa</i>	24
		Mallard	<i>Anas platyrhynchos</i>	26
		Gadwall	<i>Anas strepera</i>	28
		Green-winged Teal	<i>Anas crecca</i>	28
		American Wigeon	<i>Anas americana</i>	30
		Northern Pintail	<i>Anas acuta</i>	30
		Northern Shoveler	<i>Anas clypeata</i>	32
		Greater Scaup	<i>Aythya marila</i>	36
		Lesser Scaup	<i>Aythya affinis</i>	36
		Surf Scoter	<i>Melanitta perspicillata</i>	42
		Black Scoter	<i>Melanitta americana</i>	42
		White-winged Scoter	<i>Melanitta fusca</i>	42
		Bufflehead	<i>Bucephala albeola</i>	44
		Common Goldeneye	<i>Bucephala clangula</i>	44
		Barrow's Goldeneye	<i>Bucephala islandica</i>	44
		Hooded Merganser	<i>Lophodytes cucullatus</i>	46
		Common Merganser	<i>Mergus merganser</i>	46
		Red-breasted Merganser	<i>Mergus serrator</i>	46
GALLIFORMES				
	Odontophoridae (New World Quail)			
		California Quail	<i>Callipepla californica</i>	54
	Phasianidae (Partridges, Grouse, Turkeys, and Old World Quail)			
		Ring-necked Pheasant	<i>Phasianus colchicus</i>	60
		Ruffed Grouse	<i>Bonasa umbellus</i>	62

	Sooty Grouse	<i>Dendragapus fuliginosus</i>	62
GAVIIFORMES			
	Gaviidae (Loons)		
	Common Loon	<i>Gavia immer</i>	70
PODICIPEDIFORMES			
	Podicipedidae (Grebes)		
	Pied-billed Grebe	<i>Podilymbus podiceps</i>	72
	Horned Grebe	<i>Podiceps auritus</i>	72
	Western Grebe	<i>Aechmophorus occidentalis</i>	74
PROCELLARIIFORMES			
	Diomedidae (Albatrosses)		
	Black-footed Albatross	<i>Phoebastria nigripes</i>	76
	Procellariidae (Shearwaters and Petrels)		
	Northern Fulmar	<i>Fulmarus glacialis</i>	80
	Hydrobatidae (Storm-Petrels)		
	Fork-tailed Storm-Petrel	<i>Oceanodroma furcata</i>	98
PELECANIFORMES			
	Phalacrocoracidae (Cormorants)		
	Double-crested Cormorant	<i>Phalacrocorax auritus</i>	106
	Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>	108
	Pelecanidae (Pelicans)		
	American White Pelican	<i>Pelecanus erythrorhynchos</i>	110
CICONIIFORMES			
	Ardeidae (Bitterns, Herons, and Allies)		
	American Bittern	<i>Botaurus lentiginosus</i>	112
	Great Blue Heron	<i>Ardea herodias</i>	112
ACCIPITRIFORMES			
	Cathartidae (New World Vultures)		
	Turkey Vulture	<i>Cathartes aura</i>	124
	Pandionidae (Ospreys)		
	Osprey	<i>Pandion haliaetus</i>	126
	Accipitridae (Hawks, Kites, Eagles, and Allies)		
	Golden Eagle	<i>Aquila chrysaetos</i>	130
	Bald Eagle	<i>Haliaeetus leucocephalus</i>	130
	Northern Harrier	<i>Circus cyaneus</i>	132

Sharp-shinned Hawk	<i>Accipiter striatus</i>	134
Cooper's Hawk	<i>Accipiter cooperii</i>	134
Northern Goshawk	<i>Accipiter gentilis</i>	134
Rough-legged Hawk	<i>Buteo lagopus</i>	144
Red-tailed Hawk	<i>Buteo jamaicensis</i>	144

FALCONIFORMES

Falconidae (Caracaras and Falcons)

American Kestrel	<i>Falco sparverius</i>	148
Merlin	<i>Falco columbarius</i>	148
Peregrine Falcon	<i>Falco peregrinus</i>	150

GRUIFORMES

Rallidae (Rails, Gallinules, and Coots)

Virginia Rail	<i>Rallus limicola</i>	158
American Coot	<i>Fulica americana</i>	160

Gruidae (Cranes)

Sandhill Crane	<i>Grus canadensis</i>	162
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CHARADRIIFORMES

Charadriidae (Lapwings and Plovers)

Black-bellied Plover	<i>Pluvialis squatarola</i>	164
Killdeer	<i>Charadrius vociferus</i>	166
Semipalmated Plover	<i>Charadrius semipalmatus</i>	168

Haematopodidae (Oystercatchers)

Black Oystercatcher	<i>Haematopus bachmani</i>	172
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Scolopacidae (Sandpipers, Phalaropes, and Allies)

Greater Yellowlegs	<i>Tringa melanoleuca</i>	174
Lesser Yellowlegs	<i>Tringa flavipes</i>	174
Spotted Sandpiper	<i>Actitis macularius</i>	180
Sanderling	<i>Calidris alba</i>	190
Western Sandpiper	<i>Calidris mauri</i>	192
Dunlin	<i>Calidris alpina</i>	198
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	202
Wilson's Snipe	<i>Gallinago delicata</i>	204
Red-necked Phalarope	<i>Phalaropus lobatus</i>	206

Laridae (Gulls, Terns, and Skimmers)

Bonaparte's Gull	<i>Chroicocephalus philadelphia</i>	214
Mew Gull	<i>Larus canus</i>	220
Ring-billed Gull	<i>Larus delawarensis</i>	222
Glaucous-winged Gull	<i>Larus glaucescens</i>	228

Caspian Tern	<i>Hydroprogne caspia</i>	244
Stercorariidae (Skuas and Jaegers)		
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	248
Alcidae (Auks, Murres, and Puffins)		
Pigeon Guillemot	<i>Cepphus columba</i>	254
Marbled Murrelet	<i>Brachyramphus marmoratus</i>	256
Great Auk	<i>Pinguinus impennis</i>	X

COLUMBIFORMES

Columbidae (Pigeons and Doves)		
Band-tailed Pigeon	<i>Patagioenas fasciata</i>	264
Rock Pigeon	<i>Columba livia</i>	264
Mourning Dove	<i>Zenaida macroura</i>	266
Passenger Pigeon	<i>Ectopistes migratorius</i>	X

STRIGIFORMES

Tytonidae (Barn Owls)		
Barn Owl	<i>Tyto alba</i>	282
Strigidae (Typical Owls)		
Short-eared Owl	<i>Asio flammeus</i>	282
Great Horned Owl	<i>Bubo virginianus</i>	282
Barred Owl	<i>Strix varia</i>	284
Spotted Owl	<i>Strix occidentalis</i>	284
Snowy Owl	<i>Bubo scandiacus</i>	284
Western Screech-Owl	<i>Megascops kennicottii</i>	286
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	290

CAPRIMULGIFORMES

Caprimulgidae (Goatsuckers)		
Common Nighthawk	<i>Chordeiles minor</i>	292

APODIFORMES

Apodidae (Swifts)		
Black Swift	<i>Cypseloides niger</i>	296
Vaux's Swift	<i>Chaetura vauxi</i>	296
Trochilidae (Hummingbirds)		
Anna's Hummingbird	<i>Calypte anna</i>	306
Rufous Hummingbird	<i>Selasphorus rufus</i>	308

CORACIIFORMES

Alcedinidae (Kingfishers)		
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	Belted Kingfisher	<i>Megaceryle alcyon</i>	310
PICIFORMES			
	Picidae (Woodpeckers and Allies)		
	Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>	316
	Red-naped Sapsucker	<i>Sphyrapicus nuchalis</i>	316
	Hairy Woodpecker	<i>Picoides villosus</i>	320
	Downy Woodpecker	<i>Picoides pubescens</i>	320
	Northern Flicker	<i>Colaptes auratus</i>	322
	Pileated Woodpecker	<i>Dryocopus pileatus</i>	324
PASSERIFORMES			
	Tyrannidae (Tyrant Flycatchers)		
	Olive-sided Flycatcher	<i>Contopus cooperi</i>	326
	Pacific-slope Flycatcher	<i>Empidonax difficilis</i>	334
	Laniidae (Shrikes)		
	Northern Shrike	<i>Lanius excubitor</i>	348
	Vireonidae (Vireos)		
	Red-eyed Vireo	<i>Vireo olivaceus</i>	354
	Warbling Vireo	<i>Vireo gilvus</i>	356
	Corvidae (Jays and Crows)		
	Gray Jay	<i>Perisoreus canadensis</i>	356
	Steller's Jay	<i>Cyanocitta stelleri</i>	358
	Black-billed Magpie	<i>Pica hudsonia</i>	362
	Northwestern Crow	<i>Corvus caurinus</i>	362
	Common Raven	<i>Corvus corax</i>	364
	Alaudidae (Larks)		
	Horned Lark	<i>Eremophila alpestris</i>	366
	Hirundinidae (Swallows)		
	Purple Martin	<i>Progne subis</i>	368
	Tree Swallow	<i>Tachycineta bicolor</i>	370
	Violet-green Swallow	<i>Tachycineta thalassina</i>	370
	Barn Swallow	<i>Hirundo rustica</i>	370
	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	372
	Paridae (Chickadees and Titmice)		
	Black-capped Chickadee	<i>Poecile atricapillus</i>	376
	Chestnut-backed Chickadee	<i>Poecile rufescens</i>	378
	Aegithalidae (Bushtits)		
	Bushtit	<i>Psaltriparus minimus</i>	378
	Sittidae (Nuthatches)		
	Red-breasted Nuthatch	<i>Sitta canadensis</i>	380

Certhiidae (Creepers)			
	Brown Creeper	<i>Certhia americana</i>	382
Troglodytidae (Wrens)			
	Pacific Wren	<i>Troglodytes pacificus</i>	384
	Bewick's Wren	<i>Thryomanes bewickii</i>	384
	Marsh Wren	<i>Cistothorus palustris</i>	386
Cinclidae (Dippers)			
	American Dipper	<i>Cinclus mexicanus</i>	386
Regulidae (Kinglets)			
	Golden-crowned Kinglet	<i>Regulus satrapa</i>	386
	Ruby-crowned Kinglet	<i>Regulus calendula</i>	386
Turdidae (Thrushes)			
	Western Bluebird	<i>Sialia mexicana</i>	396
	Townsend's Solitaire	<i>Myadestes townsendi</i>	396
	Swainson's Thrush	<i>Catharus ustulatus</i>	398
	Hermit Thrush	<i>Catharus guttatus</i>	398
	American Robin	<i>Turdus migratorius</i>	402
	Varied Thrush	<i>Ixoreus naevius</i>	404
Mimidae (Mockingbirds and Thrashers)			
	Gray Catbird	<i>Dumetella carolinensis</i>	404
Sturnidae (Starlings)			
	European Starling	<i>Sturnus vulgaris</i>	410
Motacillidae (Wagtails and Pipits)			
	American Pipit	<i>Anthus rubescens</i>	414
Bombycillidae (Waxwings)			
	Cedar Waxwing	<i>Bombycilla cedrorum</i>	416
Calcariidae (Longspurs and Snow Buntings)			
	Snow Bunting	<i>Plectrophenax nivalis</i>	422
Parulidae (Wood-Warblers)			
	Orange-crowned Warbler	<i>Oreothlypis celata</i>	426
	Yellow Warbler	<i>Setophaga petechia</i>	430
	Yellow-rumped Warbler	<i>Setophaga coronata</i>	434
	Hermit Warbler	<i>Setophaga occidentalis</i>	436
	Townsend's Warbler	<i>Setophaga townsendi</i>	436
	Wilson's Warbler	<i>Cardellina pusilla</i>	450
	Common Yellowthroat	<i>Geothlypis trichas</i>	452
Emberizidae (Emberizids)			
	Spotted Towhee	<i>Pipilo maculatus</i>	460
	Song Sparrow	<i>Melospiza melodia</i>	478
	Fox Sparrow	<i>Passerella iliaca</i>	480
	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	482

Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	482
Dark-eyed Junco	<i>Junco hyemalis</i>	484
Cardinalidae (Cardinals, Piranga Tanagers and Allies)		
Western Tanager	<i>Piranga ludoviciana</i>	490
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	494
Icteridae (Blackbirds)		
Western Meadowlark	<i>Sturnella neglecta</i>	500
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	502
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	504
Brown-headed Cowbird	<i>Molothrus ater</i>	508
Bullock's Oriole	<i>Icterus bullockii</i>	514
Fringillidae (Fringilline and Cardueline Finches and Allies)		
Purple Finch	<i>Carpodacus purpureus</i>	518
House Finch	<i>Carpodacus mexicanus</i>	518
Red Crossbill	<i>Loxia curvirostra</i>	520
Pine Grosbeak	<i>Pinicola enucleator</i>	520
American Goldfinch	<i>Spinus tristis</i>	522
Pine Siskin	<i>Spinus pinus</i>	524
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	524
Passeridae (Old World Sparrows)		
House Sparrow	<i>Passer domesticus</i>	528