Species Table and Recommended Band Sizes

The table on the left is from the USGS Bird Banding Laboratory. If there is more than one size listed then the first one is the preferred recommended size. The table on the right may be used to find the National Band & Tag Company butt-end band style that matches the federal band size you are looking for.

This Size Chart should be used as a guide only!

We cannot be responsible for incorrect sizes being ordered based on this chart. Please measure your bird's leg for accurate sizing, if you are unsure we will gladly send samples.

Common Name	Federal Band Size
Abert's Towhee	1A, 2, 1D
Acadian Flycatcher	0A, 0
Acorn Woodpecker	2, 3
Adelaide's Warbler	0A, 0
Adelie Penguin	9
African Collared-Dove	3A
African Penguin	9
African Silverbill	0, 1C, 1
Akekee	1B, 1C, 1
Akepa	0
Akiapolaau	1A
Akikiki	0, 1C, 1
Akohekohe	1A
Alaska Marbled Murrelet	3B, 3
Alder Flycatcher	0, 0A
Aleutian Canada Goose	7B
Aleutian Tern	2, 1A, 1D
Allen's Hummingbird	X
Altamira Oriole	3
American Avocet	4, 4A
American Bittern	M: 7A F: 6
American Black Duck	7A
American Black Duck Dominant X Mallard Hybrid	7A
American Coot	6, 5
American Crow	5
American Dipper	2, 1A, 1D
American Flamingo	8
American Golden-Plover	2, 3
American Goldfinch	0, 0A, 1C, 1
American Kestrel	3B, 3A, 3

Federal Size	NB&T Size	Inside Dia. (IN)	Inside Dia. (MM)
0A	None	.078	1.98
0	None	.083	2.11
1	1242-3	.094	2.39
1B	None	.109	2.77
1P	None	.112	2.84
1A	1242-4	.125	3.17
1D	None	.138	3.50
2	1242-5	.156	3.96
3	1242-6	.188	4.78
3B	None	.203	5.16
3A	1242-7	.219	5.56
4	1242-8	.250	6.35
4S	1242-8	.250	6.35
4A	None	.281	7.14
4AS	None	.281	7.14
5	1242-10	.313	7.95
5A	None	.344	8.73
6	1242-12	.375	9.53
7A	1242-14	.438	11.13
7AS	1242-14	.438	11.13
7	1242-16	.500	12.70
7B	None	.531	13.49
7BS	None	.531	13.49
None	1242-18	.563	14.30
None	1242-20	.625	15.88
8	1242-22	.688	17.48
None	1242-24	.750	19.05
8A	None	.813	20.65
9	1242-28	.875	22.23
9C	None	1.125	28.58

American Oystercatcher	6, 5A, 5
American Pipit	1, 1C
American Redstart	0A, 0
American Robin	2
American Three-toed Woodpecker	2
American Tree Sparrow	0, 1C, 1
American White Pelican	9, 9C
American Wigeon	6
American Woodcock	3
Ancient Murrelet	3B, 3
Anhinga	8
Anianiau	0, 1C, 1
Anna's Hummingbird	X
Antarctic Petrel	5
Antarctic Tern	3
Antillean Crested Hummingbird	X
Antillean Euphonia	0, 1C, 1
Antillean Mango	X
Antillean Nighthawk	2, 1A, 1D
Apapane	1, 1C
Aplomado Falcon	M: 4 F: 5
Arctic Loon	7B
Arctic Tern	2, 2A
Arctic Warbler	0A
Arizona Woodpecker	1A
Arrowhead Warbler	0A
Ash-throated Flycatcher	1B, 1, 1C
Ashy Storm-Petrel	1B
Ashy-faced Owl	6, 7A
Atlantic Brant	7B
Atlantic Puffin	5
Audubon's Crested Caracara	7A, 7B
Audubon's Oriole	2
Audubon's Shearwater	3A, 3B
Audubon's Warbler	0, 1C, 0A, 1
Aztec Thrush	2
Bachman's Sparrow	1C, 1
Bahama Mockingbird	1A, 2, 1D
Bahama Oriole	1A, 1D, 2

Bahama Swallow	1C, 1, 0
Bahama Woodstar	X
Bahama Yellowthroat	1, 1C
Baikal Teal	4A
Baird's Sandpiper	1B, 1A
Baird's Sparrow	1C, 1
Baja Gnatcatcher	0A
Bald Eagle	8A, 9
Baltimore Oriole	1A, 1B, 1D
Baltimore X Bullock's Oriole Hybrid	1A
Bananaquit	0, 0A, 1C, 1
Band-rumped Storm-Petrel	2
Band-tailed Gull	5
Band-tailed Pigeon	5
Bank Swallow	0, 1C, 1, 0A
Barbuda Warbler	0A, 0
Barn Owl	6, 7A
Barn Swallow	0, 1C, 1
Barnacle Goose	7B
Barred Owl	7B, 7D
Barrow's Goldeneye	7A
Bar-tailed Godwit	M: 4 F: 4A
Bay-breasted Warbler	0, 1C, 0A, 1
Belding's Savannah Sparrow	1C, 1
Bell's Sparrow	1, 1C
Bell's Vireo	0
Belted Kingfisher	3A, 3B, 3
Bendire's Thrasher	2
Berylline Hummingbird	X
Bewick's Swan	9
Bewick's Wren	1, 1C
Bicknell's Thrush	1B
Bishop's Oo	3
Black Brant	7A
Black Drongo	2
Black Guillemot	4
Black Noddy	2, 3
Black Oystercatcher	5
Black Phoebe	1C, 1
Black Rail	2, 1A, 1D

Black Rosy-Finch	1B
Black Scoter	7A
Black Skimmer	4, 3A
Black Storm-Petrel	1A
Black Swift	1A
Black Tern	2, 1A, 1D
Black Turnstone	2
Black Vulture	8V
Black X Atlantic Brant Intergrade	7A, 7B
Black-and-white Warbler	0, 0A, 1C, 1
Black-backed Wagtail	1, 1C
Black-backed Woodpecker	2
Black-bellied Plover	3B
Black-bellied Whistling-Duck	7A, 7
Black-billed Cuckoo	2
Black-billed Magpie	4, 3A, 3B
Black-browed Albatross	8
Blackburnian Warbler	0, 0A
Black-capped Chickadee	0, 0A, 1C
Black-capped Gnatcatcher	0A
Black-capped Petrel	3
Black-capped Vireo	0, 1C, 1
Black-chinned Hummingbird	X
Black-chinned Sparrow	0, 1C, 1
Black-cowled Oriole	1A, 1D, 2
Black-crested Titmouse	1B
Black-crowned Night-Heron	7A
Black-faced Grassquit	0, 0A, 1C, 1
Black-footed Albatross	7B
Black-headed Grosbeak	1A
Black-headed Gull	5
Black-headed Parakeet	4, 3A
Black-legged Kittiwake	4A
Black-naped Tern	2
Black-necked Stilt	3A, 4, 4A
Blackpoll Warbler	0, 1C, 0A, 1
Black-rumped Waxbill	0, 1C, 1
Black-tailed Gnatcatcher	0A
Black-tailed Godwit	4
Black-throated Blue Warbler	0, 0A
Black-throated Gray Warbler	0A, 0

Black-throated Green Warbler	0A, 0
Black-throated Sparrow	0, 1C, 1
Black-vented Oriole	2
Black-vented Shearwater	4
Black-whiskered Vireo	1C, 1
Black-winged Petrel	2
Blue Bunting	1B, 1, 1C
Blue Goose	7B
Blue Greater Snow Goose	7B
Blue Grosbeak	1B, 1A
Blue Jay	2, 3
Blue Petrel	3
Blue-black Grassquit	0
Blue-crowned Lorikeet	2
Blue-eyed Cormorant	8
Blue-footed Booby	7A, 7B
Blue-gray Gnatcatcher	0A
Blue-gray Noddy	2
Blue-headed Vireo	1C, 1, 0
Bluethroat	1, 1C
Blue-throated Hummingbird	X
Blue-winged Teal	5, 4A
Blue-winged Warbler	0A, 0
Boat-tailed Grackle	M: 4 F: 3
Bobolink	M: 1A, 1B F: 1B, 1A
Bohemian Waxwing	1A
Bonaparte's Gull	3, 3B
Bonin Petrel	3, 2
Boreal Chickadee	0, 0A
Boreal Owl	5, 6
Botteri's Sparrow	1C, 1
Brambling	1B, 1, 1C
Brandt's Cormorant	8
Brewer's Blackbird	2
Brewer's Sparrow	0, 1C, 0A, 1
Brewster's Warbler	0A, 0
Bridled Quail-Dove	3A, 4
Bridled Tern	2
Bridled Titmouse	1, 1C
Bridled White-eye	0

Bristle-thighed Curlew	4A
Broad-billed Hummingbird	X
Broad-billed Prion	3
Broad-tailed Hummingbird	X
Broad-winged Hawk	5, 6
Bronze Mannikin	0A
Bronzed Cowbird	M: 2 F: 1A, 1D
Brown Booby	7B
Brown Creeper	0A, 0
Brown Jay	4A, 4, 3
Brown Noddy	3
Brown Pelican	8A, 9, 8
Brown Shrike	2, 1A, 1D
Brown Skua	7A, 7B
Brown Thrasher	2, 3
Brown Trembler	3, 2
Brown-capped Rosy-Finch	1B
Brown-crested Flycatcher	1A
Brown-headed Cowbird	M: 1A, 1D, 2, 1B F: 1B, 1A, 1D
Brown-headed Nuthatch	0, 1C
Brown-throated Parakeet	3, 2
Buff-banded Rail	4
Buff-bellied Hummingbird	X
Buff-breasted Flycatcher	0, 0A
Buff-breasted Sandpiper	1A
Buff-collared Nightjar	2
Bufflehead	5
Buller's Albatross	8
Buller's Shearwater	4
Bullock's Oriole	1A, 1B, 1D
Bulwer's Petrel	2, 3
Bumblebee Hummingbird	X
Burrowing Owl	4
Bushtit	0A
Cackling Goose	7A
Cactus Wren	1B, 1A
California Condor	8V

California Gnatcatcher	0A
California Gull	5
California Least Tern	1A, 1B
California Spotted Owl	7B
California Thrasher	3
California Towhee	2, 1A, 1D
Calliope Hummingbird	X
Canada Goose	8
Canada Warbler	0, 0A
Canvasback	7A
Canyon Towhee	2, 1A, 1D
Canyon Wren	1, 1C
Cape May Warbler	0, 0A, 1C, 1
Cape Petrel	4
Cape Sable Seaside Sparrow	1B
Cardinal Honeyeater	1, 1C
Caribbean Coot	6
Caribbean Dove	3A
Caribbean Elaenia	1, 1C, 0, 1B
Caribbean Martin	1A
Carolina Chickadee	0, 0A, 1C
Carolina Wren	1B, 1
Caspian Tern	5, 4A
Cassin's Auklet	3B, 3A
Cassin's Finch	1B, 1, 1C
Cassin's Kingbird	1A
Cassin's Sparrow	1C, 1
Cassin's Vireo	1C, 1, 0
Cattle Egret	6
Cave Swallow	1C, 1
Cayenne Tern	3B
Cedar Waxwing	1B
Cerulean Warbler	0A, 0
Cherry-head Conure	4A
Chestnut-backed Chickadee	0
Chestnut-collared Longspur	1, 1C
Chestnut-sided Warbler	0A, 0
Chihuahuan Raven	5
Chimney Swift	1B, 1
Chinstrap Penguin	9
Chipping Sparrow	0, 0A, 1C, 1

Christmas Shearwater	4, 4A
Chuck-will's-widow	3
Cinnamon Teal	5, 4A
Clapper Rail	5
Clark's Grebe	7A, 7B
Clark's Nutcracker	3B
Clay-colored Sparrow	0, 0A, 1C, 1
Clay-colored Thrush	2
Cliff Swallow	1, 1C
Colima Warbler	1C, 1
Collared Kingfisher	2
Common Black Hawk	7A, 6
Common Canary	1, 1C
Common Chaffinch	1B, 1, 1C
Common Eider	7B, 7A
Common Gallinule	5, 6
Common Goldeneye	6, 7A
Common Grackle	M: 3, 3B F: 3, 2A
Common Ground-Dove	2
Common Loon	8, 8A, 9
Common Merganser	7A
Common Murre	6M, 6
Common Myna	3
Common Nighthawk	2, 1A, 1D
Common Pauraque	2
Common Pochard	6, 7A
Common Poorwill	1A, 2, 1D
Common Raven	6, 7A
Common Redpoll	0, 0A
Common Ringed Plover	1A, 1B
Common Rosefinch	1B, 1, 1C
Common Sandpiper	1B, 1, 1C
Common Tern	2A, 2
Common Tern X Roseate Tern Hybrid	2
Common Waxbill	0A, 0
Common Yellowthroat	0, 1C, 0A, 1
Connecticut Warbler	1C, 1, 0
Cook's Petrel	3
Cooper's Hawk	M: 4, 4A, 5 F: 5, 6, 4A

Cordilleran Flycatcher	0, 0A
Cory's Shearwater	4
Costa's Hummingbird	X
Couch's Kingbird	1B, 1A
Craveri's Murrelet	2
Crested Auklet	4
Crested Caracara	M: 7A F: 7B
Crested Myna	3, 2
Crested Tern	3, 3A
Crissal Thrasher	2
Cuban Grassquit	0
Cuban Oriole	1A, 1D, 2
Cuban Pewee	0, 1C, 1
Curlew Sandpiper	1A
Curve-billed Thrasher	3
Dark-eyed Junco	0, 1C, 1
Dark-sided Flycatcher	0
Dickcissel	1B
Double-crested Cormorant	8, 7B
Dove Prion	3
Dovekie	3
Downy Woodpecker	1B
Dunlin	1A, 1B
Dusky Flycatcher	0, 0A
Dusky Seaside Sparrow	1B
Dusky Thrush	2
Dusky Warbler	0A
Dusky-capped Flycatcher	1B, 1, 1C
Eared Dove	3A
Eared Grebe	5
Eared Quetzal	2
Eastern Bluebird	1B, 1, 1A
Eastern Kingbird	1B
Eastern Meadowlark	M: 3 F: 2, 3
Eastern Phoebe	0, 1C, 1
Eastern Screech-Owl	5, 4A, 4
Eastern Towhee	M: 2, 1D, 1A F: 1A, 1D, 2
Eastern Whip-poor-will	1A, 2, 1D

Eastern White-crowned Sparrow	1B
Eastern Wood-Pewee	0, 0A, 1C, 1
Eastern Yellow Wagtail	1, 1C
Elegant Tern	3
Elegant Trogon	1A, 2, 1D
Elf Owl	2
Elfin-woods Warbler	0A
Emperor Goose	7B
Emperor Penguin	9
Eurasian Bullfinch	1B, 1A
Eurasian Collared-Dove	4A, 4
Eurasian Dotterel	1B, 1A
Eurasian Kestrel	3B, 4
Eurasian Tree Sparrow	1, 1B, 1C
Eurasian Wigeon	6
Eurasian Woodcock	3
European Golden-Plover	2, 3
European Goldfinch	0
European Green-winged Teal	4, 4A
European Starling	2, 3
Evening Grosbeak	1A, 2, 1D
Eyebrowed Thrush	2
Fairy Penguin	9
Fairy Prion	3
Falcated Teal	4A
Fan-tailed Warbler	1B, 1, 1C
Ferruginous Hawk	7D, 8, 7B
Ferruginous Pygmy-Owl	3
Field Sparrow	0, 0A, 1C, 1
Fieldfare	2
Fiji Shrikebill	2
Fish Crow	4A
Five-striped Sparrow	1B
Flame-colored Tanager	1B, 1A
Flammulated Owl	3, 3B, 2
Flesh-footed Shearwater	4
Florida Grasshopper Sparrow	1C, 1
Florida Scrub-Jay	3, 2
Fork-tailed Flycatcher	1B, 1, 1C
Fork-tailed Storm-Petrel	1B, 1A
Forster's Tern	3

Fox Sparrow	1A, 1B
Franklin's Gull	4
Fulvous Whistling-Duck	7A, 7
Gadwall	6
Galapagos Penguin	9
Gambel's White-crowned Sparrow	1B
Garganey	4A
Gentoo Penguin	9
Gila Woodpecker	2, 3
Gilded Flicker	3
Glaucous Gull	7A
Glaucous-winged Gull	7A
Glossy Ibis	6
Golden Eagle	9, 9A, 9C
Golden White-eye	0
Golden-cheeked Warbler	0A
Golden-crowned Kinglet	0A
Golden-crowned Sparrow	1B, 1A
Golden-crowned Warbler	1C, 0, 1
Golden-fronted Woodpecker	2
Golden-winged Warbler	0A, 0
Golden-winged x Blue-winged Warbler Hybrid	0A, 0
Grace's Warbler	0A
Grasshopper Sparrow	1C, 1, 0
Gray Bunting	1B
Gray Catbird	1A
Gray Flycatcher	0, 0A
Gray Hawk	6, 7A
Gray Jay	3, 2
Gray Kingbird	1A, 1D, 1B
Gray Vireo	1, 1C
Gray Wagtail	1, 1C
Gray-backed Storm-Petrel	1A
Gray-backed Tern	2
Gray-breasted Martin	1A
Gray-cheeked Thrush	1B
Gray-crowned Rosy-Finch	1B
Gray-crowned Yellowthroat	1, 1C, 1B

Gray-headed Albatross	8
Gray-headed Chickadee	1C, 0, 1
Gray-headed Junco	0, 1C, 1
Gray-streaked Flycatcher	0, 1C, 1
Gray-tailed Tattler	2, 3
Great Black-backed Gull	7B, 7A
Great Blue Heron	7B
Great Cormorant	8
Great Crested Flycatcher	1A, 1B
Great Egret	7A, 7B
Great Frigatebird	7B, 7A
Great Gray Owl	8
Great Horned Owl	8, 8A, 9, 7D
Great Kiskadee	2
Great Shearwater	5, 6, 5R
Great Skua	7A, 7B
Great White Heron	8
Greater Akialoa	1C, 1
Greater Antillean Bullfinch	1B
Greater Antillean Elaenia	0A
Greater Antillean Grackle	3, 2
Greater Necklaced Laughingthrush	2
Greater Pewee	1B
Greater Roadrunner	5
Greater Scaup	6, 5
Greater Snow Goose	7B
Greater White-fronted Goose	7B, 8
Greater Yellowlegs	3, 3B
Great-tailed Grackle	M: 4 F: 3
Green Heron	5, 6, 4A
Green Jay	2
Green Kingfisher	2, 1A, 1D
Green Mango	X
Green Violetear	X
Green-breasted Mango	X
Greenish Elaenia	0A, 0
Green-tailed Towhee	1B, 1A

Green-throated Carib	X
Green-winged Teal	4, 4A
Groove-billed Ani	3A, 3B, 3
Guadalupe Murrelet	2, 2A
Guam Micronesian Kingfisher	3
Guam Swiftlet	0A, X
Guanay Cormorant	8
Gull-billed Tern	3B
Gyrfalcon	7B
Hairy Woodpecker	1A, 2, 1D
Hammond's Flycatcher	0, 0A
Harlan's Hawk	7B, 7A
Harlequin Duck	5
Harris's Hawk	7A, 7B, 6
Harris's Sparrow	1A
Hawaii Amakihi	1, 1B
Hawaii Creeper	0, 1C, 1
Hawaii Elepaio	1C, 0, 1
Hawaiian Coot	6, 5
Hawaiian Crow	6
Hawaiian Duck	6, 7A
Hawaiian Gallinule	5, 6
Hawaiian Goose	7B, 8
Hawaiian Hawk	7A
Hawaiian Petrel	4, 3A
Hawaiian Stilt	4
Hawfinch	1A, 2, 1D
Heermann's Gull	4A
Henslow's Sparrow	0, 1C, 1
Hepatic Tanager	1A
Hermit Thrush	1B, 1, 1C
Hermit Warbler	0A
Herring Gull	6, 7A
Hill Myna	2
Hispaniolan Oriole	1A, 1D, 2
Hispaniolan Parakeet	3A, 3B
Hispaniolan Parrot	4A, 4
Hispaniolan Pewee	0, 1C, 1
Hoary Redpoll	0, 0A
Hooded Merganser	5, 5A, 6
Hooded Oriole	1A, 1B
Hooded Warbler	0, 1C, 1

Hook-billed Kite	6, 7A
Horned Grebe	6, 5
Horned Lark	1B
Horned Puffin	5
House Finch	1B, 1, 1C
House Sparrow	1B
House Wren	0, 0A, 1C, 1
Hudsonian Godwit	3A
Humboldt Penguin	9
Hutton's Vireo	0
Hwamei	2
Hybrid Albatross	7B, 8
Hybrid Chickadee	0, 1C, 1
Hybrid Gull	6, 7A
Hybrid Hummingbird	X
Hybrid Nonpasserine	2, 3, 3A, 3B, 4
Hybrid Passerine	0, 0A, 1, 1A, 1B, 1C, 1D, 2
Hybrid Sapsucker	1A, 1B, 2, 1D
Hybrid Skua	7A, 7B
Hybrid Tern	2, 2A
Hybrid Towhee	1A, 1B
Hybrid Warbler	0, 1
Hybrid Western/Mountain Bluebird	1B, 1A
Iceland Gull	6
Iiwi	1B
Inca Dove	2, 3
Indigo Bunting	1, 1C, 0
Indigo X Lazuli Bunting Hybrid	1C, 1
Interior Least Tern	1A, 1B
Inyo California Towhee	1A, 2, 1D
Ipswich Sparrow	1B, 1
Island Scrub-Jay	3B, 3
Ivory Gull	4
Ivory-billed Woodpecker	4
Jamaican Crow	6
Jamaican Elaenia	0A
Jamaican Euphonia	0A
Jamaican Mango	X
Jamaican Oriole	2

Jamaican Pewee	0, 1C, 1
Jamaican Tody	0
Jamaican Vireo	0
Japanese Bush-Warbler	M: 1, 1C F: 0, 1C
Japanese White-eye	0A, 0
Java Sparrow	1A, 1B
Juan Fernandez Petrel	3
Jungle Myna	3
Juniper Titmouse	1, 1C
Kakawahie	0, 1C, 1
Kamao	1A
Kauai Amakihi	1, 1B, 1A, 1C
Kauai Elepaio	1C, 0, 1
Kauai Oo	2
Kentucky Warbler	1C, 1
Kerguelen Petrel	4
Kerguelen Tern	3
Key West Quail-Dove	3A, 4
Killdeer	2, 2A
King Eider	7A, 6
King Penguin	9
King Rail	5
Kirtland's Warbler	1C, 1
Kittlitz's Murrelet	3B
La Sagra's Flycatcher	1B
Ladder-backed Woodpecker	1A, 1B
Lanceolated Warbler	0A
Lapland Longspur	1B
Large Canada Goose	8
Large-billed Sparrow	1C, 1
Lark Bunting	1A
Lark Sparrow	1B
Laughing Gull	4A, 4, 5
Lavender Waxbill	0, 1C, 1
Lawrence's Goldfinch	0, 0A, 1C, 1
Lawrence's Warbler	0A, 0
Laysan Albatross	7B
Laysan Duck	5
Laysan Finch	1A
Lazuli Bunting	1C, 1, 0
Le Conte's Sparrow	1C, 1, 0

Le Conte's Thrasher	2
Leach's Storm-Petrel	1B, 1A
Least Auklet	2, 3
Least Bell's Vireo	0
Least Bittern	4
Least Flycatcher	0, 0A
Least Grebe	4
Least Sandpiper	1, 1B, 1C
Least Storm-Petrel	1B
Least Tern	1A, 1B
Lesser Antillean Bullfinch	1B, 1, 1C
Lesser Antillean Flycatcher	1B
Lesser Antillean Pewee	0, 1C, 1
Lesser Black-backed Gull	6
Lesser Frigatebird	7A
Lesser Golden-Plover	2, 3
Lesser Goldfinch	0A, 0
Lesser Nighthawk	1A, 2, 1D
Lesser Sand-Plover	3
Lesser Scaup	6, 5
Lesser Sheathbill	7A
Lesser Snow Goose	7B
Lesser White-fronted Goose	7A
Lesser Yellowlegs	2, 2A
Lewis's Woodpecker	3, 2
Light-mantled Albatross	8
Limpkin	6
Lincoln's Sparrow	1C, 0, 1
Little Blue Heron	6
Little Bunting	1C, 1
Little Gull	3
Little Shearwater	4
Little Tern	1A
Loggerhead Kingbird	1B, 1A
Loggerhead Shrike	1D, 1A, 2
Long-billed Curlew	5, 6
Long-billed Dowitcher	2, 2A
Long-billed Murrelet	3B, 3
Long-billed Thrasher	2
Long-eared Owl	5, 6
Long-tailed Cuckoo	3, 3A, 3B
Long-tailed Duck	5, 6

Long-tailed Jaeger	4A, 4
Long-toed Stint	1, 1B
Louisiana Waterthrush	1C, 1
Lucifer Hummingbird	X
Lucy's Warbler	0A
Macaroni Penguin	9
MacGillivray's Warbler	1C, 1, 0, 0A
Magellan Gull	5
Magellanic Penguin	9
Magnificent Frigatebird	7B, 7A
Magnificent Hummingbird	X
Magnolia Warbler	0A, 0
Mallard	7A
Mallard Dominant X American Black Duck Hybrid	7A
Mallard X American Black Duck Hybrid	7A
Mallard X American Black Duck Intermediate	7A
Mallard X Hawaiian Duck Hybrid	7A, 6
Mangrove Cuckoo	2, 3, 3B
Manx Shearwater	4A, 4
Many-colored Fruit Dove	3, 3A, 3B
Marbled Godwit	4
Marbled Murrelet	3B, 3
Mariana Common Moorhen	5, 6
Mariana Crow	4A
Mariana Fruit Dove	3
Mariana Swiftlet	0
Marsh Sandpiper	1A
Marsh Wren	1C, 1, 0
Masked Booby	7B, 8
Masked Duck	5
Maui Alauahio	1C, 1
Maui Parrotbill	1B, 1A
McCown's Longspur	1, 1C
McKay's Bunting	1B
Merlin	M: 3, 3B, 3A F: 4, 3A, 3B
Mew Gull	4A, 4, 5

Mexican Chickadee	0
Mexican Duck	7A
Mexican Jay	3A
Mexican Spotted Owl	7B
Mexican Whip-poor-will	1A, 2, 1D
Micronesian Honeyeater	2
Micronesian Kingfisher	3
Micronesian Megapode	6
Micronesian Starling	3, 2
Middendorff's Grasshopper-Warbler	0A
Millerbird	0A
Mississippi Kite	5
Mississippi Sandhill Crane	8
Monk Parakeet	4
Mottled Duck	7A
Mottled Petrel	3
Mountain Bluebird	1B, 1A
Mountain Chickadee	0, 0A
Mountain Plover	2, 3
Mountain White-crowned Sparrow	1B
Mourning Dove	3A, 3B
Mourning Warbler	0, 1C, 1
Murphy's Petrel	3, 3A, 3B
Muscovy Duck	7B, 7A
Mute Swan	9C
Myrtle Warbler	0, 1C, 0A, 1
Nashville Warbler	0A, 0
Nazca Booby	7B, 8
Nelson's Sparrow	1, 1B, 1C
Neotropic Cormorant	7A
Newell's Shearwater	4
Nightingale Reed Warbler	1A
Nihoa Finch	1B, 1A
Northern Beardless-Tyrannulet	0A, 0
Northern Cardinal	1A, 2, 1D
Northern Flicker	3, 3B
Northern Fulmar	6
Northern Gannet	8
Northern Giant Petrel	8

Northern Goshawk	M: 6, 7A F: 7A, 7B
Northern Harrier	M: 4, 4A F: 5, 5A, 6
Northern Hawk Owl	7A, 7B
Northern Jacana	3A
Northern Lapwing	5
Northern Mockingbird	2, 1A, 1D
Northern Parula	0A, 0
Northern Pintail	6
Northern Pygmy-Owl	3, 3A, 4
Northern Rough-winged Swallow	0, 1C, 1, 0A
Northern Saw-whet Owl	4, 3A, 4A
Northern Shoveler	5, 6
Northern Shrike	2
Northern Spotted Owl	7B
Northern Waterthrush	1C, 0, 1
Northern Wheatear	1B
Northwestern Crow	4, 4A
Nukupuu	1C, 1
Nuttall's White-crowned Sparrow	1B
Nuttall's Woodpecker	1A, 1B
Nutting's Flycatcher	1B
Oahu Alauahio	0, 1C, 1
Oahu Amakihi	1, 1B, 1A, 1C
Oahu Elepaio	1
Oak Titmouse	1, 1C
Olive Sparrow	1, 1B, 1C
Olive Warbler	0
Olive-backed Pipit	1, 1C
Olive-capped Warbler	0A
Olive-sided Flycatcher	1, 1B, 1C
Olomao	1A
Omao	1A
Orange-billed Nightingale-Thrush	1B
Orange-cheeked Waxbill	0, 1C, 1
Orange-crowned Warbler	0, 0A
Orange-fronted Parakeet	3, 2
Orangequit	1C, 1

Orange-winged Parrot	4A, 4
Orchard Oriole	1B
Oregon Junco	0, 1C, 1
Oriental Greenfinch	0, 1C, 1
Osprey	8
Other Hybrid Duck	7A, 5, 6
Other Hybrid Goose	8, 7A, 7B
Ou	2
Ovenbird	1C, 1, 0
Pacific Golden-Plover	2, 3
Pacific Loon	7B
Pacific Pigeon	4
Pacific Reef Heron	7A
Pacific Wren	0A, 0
Pacific-slope Flycatcher	0, 0A
Painted Bunting	1C, 1
Painted Redstart	0A, 0
Palila	2
Pallas's Bunting	1, 1C
Parakeet Auklet	4
Parasitic Jaeger	4A
Pearly-eyed Thrasher	3, 2
Pechora Pipit	1, 1C
Pectoral Sandpiper	1A, 1D, 2
Pelagic Cormorant	7B, 7A
Peregrine Falcon	M: 6 F: 7A, 7B
Phainopepla	1B
Philadelphia Vireo	0, 0A
Philippine Turtle-Dove	3
Phoenix Petrel	4, 3A
Pied-billed Grebe	5, 6
Pigeon Guillemot	4A
Pileated Woodpecker	4, 3A
Pine Grosbeak	1A
Pine Siskin	0, 0A
Pine Warbler	0, 0A
Pink-footed Goose	7B
Pink-footed Shearwater	4
Pin-tailed Snipe	3
Pin-tailed Whydah	1B, 1A

Pinyon Jay	3, 2
Piping Plover	1A, 1B
Plain Pigeon	5
Plain Titmouse	1
Plain-capped Starthroat	X
Plumbeous Vireo	1C, 1, 0
Polynesian Starling	2
Pomarine Jaeger	5
Poo-uli	1B
Prairie Falcon	M: 6, 5 F: 7A, 6
Prairie Warbler	0A, 0
Prothonotary Warbler	0
Puaiohi	1A
Puerto Rican Broad-winged Hawk	5
Puerto Rican Bullfinch	1A, 1B
Puerto Rican Emerald	X
Puerto Rican Flycatcher	1B, 1A, 1
Puerto Rican Lizard-Cuckoo	4, 3A
Puerto Rican Nightjar	2, 1A, 1D
Puerto Rican Oriole	1A, 1D, 2
Puerto Rican Parrot	4A, 4
Puerto Rican Plain Pigeon	5
Puerto Rican Screech-Owl	4, 5
Puerto Rican Sharp-shinned Hawk	M: 2, 3 F: 3, 3B
Puerto Rican Tanager	1B
Puerto Rican Tody	X, 0A, 0
Puerto Rican Vireo	1, 1C
Puerto Rican Woodpecker	2, 3
Puget Sound White-crowned Sparrow	1B
Purple Finch	1, 1C, 1B
Purple Gallinule	4, 5
Purple Martin	1A, 2, 1D
Purple Sandpiper	1A, 2
Purple Swamphen	4
Purple-capped Fruit Dove	4
Pygmy Nuthatch	0, 1C
Pyrrhuloxia	1A
Razorbill	5R

Red Avadavat	0, 1C, 1
Red Bishop	0A
Red Crossbill	1B, 1A
Red Knot	2, 2A
Red Phalarope	1A
Red Siskin	0
Red-bellied Woodpecker	2
Red-billed Leiothrix	1B
Red-billed Pigeon	5
Red-billed Tropicbird	4A
Red-breasted Merganser	6, 5
Red-breasted Nuthatch	0, 1C, 1
Red-breasted Sapsucker	1A, 1B
Red-cheeked Cordonbleu	1C, 1
Red-cockaded Woodpecker	1A
Red-crested Cardinal	2
Red-crowned Parrot	4A, 4
Reddish Egret	7A
Red-eyed Vireo	1C, 1, 0
Red-faced Cormorant	8
Red-faced Warbler	0A
Red-flanked Bluetail	0
Red-footed Booby	7B, 7A
Redhead	6
Red-headed Woodpecker	2
Red-legged Kittiwake	4A
Red-legged Thrush	2
Red-naped Sapsucker	1A, 1B
Red-necked Grebe	7A, 7B
Red-necked Phalarope	1B
Red-necked Stint	1, 1B, 1C
Red-shafted Flicker	3, 3B
Red-shouldered Hawk	6, 7A, 5
Red-tailed Hawk	7B, 7D, 7A
Red-tailed Tropicbird	5
Red-throated Loon	7B
Red-throated Pipit	1, 1C
Red-vented Bulbul	2, 1A, 1D
Red-whiskered Bulbul	1B, 1A
Redwing	2, 1A, 1D
Red-winged Blackbird	M: 2, 1D F: 1A, 1D

Reed Bunting	1, 1C
Rhinoceros Auklet	5, 6
Ridgway's Rail	5
Ring-billed Gull	5, 4A
Ringed Kingfisher	4
Ring-necked Duck	6
Roadside Hawk	5
Rock Sandpiper	2
Rock Wren	1, 1C, 0
Rockhopper Penguin	9
Roseate Spoonbill	7B
Roseate Tern	2, 2A
Rose-breasted Grosbeak	1A, 2, 1D
Rose-throated Becard	1B, 1, 1C
Ross's Goose	7B
Ross's Gull	3
Rota White-eye	0
Rough-legged Hawk	M: 7A, 7B F: 7B, 7A, 7D
Royal Albatross	8
Royal Penguin	9
Royal Tern	4, 4A
Ruby-crowned Kinglet	0A
Ruby-throated Hummingbird	X
Ruddy Duck	M: 7A F: 6
Ruddy Ground-Dove	2
Ruddy Quail-Dove	4
Ruddy Turnstone	2, 2A, 3
Rufa Red Knot	2, 2A
Ruff	3B, 3
Rufous Fantail	0
Rufous Hummingbird	X
Rufous-backed Robin	2
Rufous-capped Warbler	1, 1C
Rufous-collared Sparrow	0
Rufous-crowned Sparrow	1, 1C, 1B
Rufous-tailed Hummingbird	X
Rufous-throated Solitaire	1, 1C
Rufous-winged Sparrow	0, 1C, 1
Rustic Bunting	1, 1C

Rusty Blackbird	2
Sabine's Gull	3
Sad Flycatcher	1C, 1
Saffron Finch	1C, 1
Sage Thrasher	1B, 1A
Sagebrush Sparrow	1, 1C
Saltmarsh Sparrow	1, 1B, 1C
Samoan Starling	4, 3A
San Clemente Bell's Sparrow	1
San Clemente Loggerhead Shrike	1D, 1A, 2
Sanderling	1A
Sandhill Crane	8, 9
Sandwich Tern	3B
Savannah Sparrow	1C, 1, 0
Say's Phoebe	1C, 1
Scaly-breasted Munia	0A, 0
Scaly-naped Pigeon	5
Scarlet Ibis	6
Scarlet Tanager	1B
Scissor-tailed Flycatcher	1A
Scott's Oriole	1A
Scripps's Murrelet	2, 2A
Seaside Sparrow	1B
Sedge Wren	0A, 0
Semipalmated Plover	1A, 1B
Semipalmated Sandpiper	1B, 1
Sharp-shinned Hawk	M: 2, 3 F: 3A, 3B, 3
Sharp-tailed Sandpiper	1A
Shiny Cowbird	2
Short-billed Dowitcher	2, 2A
Short-eared Owl	6
Short-tailed Albatross	8
Short-tailed Hawk	6
Short-tailed Shearwater	4
Short-tailed Swift	1B, 1, 1C
Shy Albatross	8
Shy Ground Dove	3, 3A, 3B
Siberian Accentor	0A
Siberian Rubythroat	1B, 1, 1C
Sky Lark	1B

Slate-colored Junco	0, 1C, 1
Slate-throated Redstart	0A
Slaty-backed Gull	7A
Small Canada Goose	7B
Smith's Longspur	1, 1C
Smooth-billed Ani	3A
Snail Kite	6
Snow Bunting	1A, 1B
Snow Petrel	4
Snow X Blue Goose Intergrade	7B
Snow X Ross's Goose Hybrid	7B
Snowy Egret	6
Snowy Owl	8A, 8, 9
Snowy Plover	1P
Snowy Sheathbill	7A
Solitary Sandpiper	1A, 2, 1B
Solitary Vireo	1C, 1, 0
Song Sparrow	1B, 1, 1C
Sooty Albatross	8
Sooty Shearwater	4, 5
Sooty Tern	3
Sora	2, 2A
South Polar Skua	7A, 7B
Southern Black-backed Gull	7B
Southern Fulmar	5
Southern Giant Petrel	8
Southern House Wren	0
Southwestern Willow Flycatcher	0, 0A
Spectacled Eider	7A, 6
Spoon-billed Sandpiper	1A
Spot-breasted Oriole	2
Spotted Dove	4, 3A
Spotted Owl	7B
Spotted Sandpiper	1B, 1A
Spotted Towhee	1A, 2, 1D
Spotted X Barred Owl Hybrid	7B
Sprague's Pipit	1, 1C
St Lucia Warbler	0A, 0
Stejneger's Petrel	3
Steller's Eider	6, 7A

Steller's Jay	3, 2, 3B
Stilt Sandpiper	1A
Stolid Flycatcher	1B
Streak-backed Oriole	1A
Streaked Horned Lark	1B
Streaked Shearwater	3B
Streamertail	X
Sulphur-bellied Flycatcher	1B
Summer Tanager	1A, 1B
Surf Scoter	7A
Surfbird	2
Sutton's Warbler	0A
Swainson's Hawk	M: 7A, 6 F: 7A, 7B
Swainson's Thrush	1B
Swainson's Warbler	1C, 1
Swallow-tailed Kite	6
Swamp Sparrow	1, 1C, 0
Swinhoe's Snipe	3
Tahiti Petrel	4
Taiga Bean-Goose	7B, 8
Taiga Flycatcher	0
Tamaulipas Crow	4
Tawny-shouldered Blackbird	1B, 1A
Tennessee Warbler	0A, 0
Thayer's Gull	6
Thick-billed Kingbird	1A
Thick-billed Murre	6M, 5R, 6, 5
Thick-billed Parrot	4A, 4
Thick-billed Vireo	1C, 1
Thin-billed Prion	3
Tinian Monarch	1, 1C
Townsend's Shearwater	4
Townsend's Solitaire	1B
Townsend's Warbler	0A, 0
Townsend's X Hermit Warbler Hybrid	0A, 0
Traill's Flycatcher	0, 0A
Tree Swallow	1, 0, 1C
Tricolored Blackbird	2
Tricolored Heron	6

Tricolored Munia	0, 1C, 1
Tristram's Storm-Petrel	2
Tropical Kingbird	1A
Tropical Mockingbird	2, 1A, 1D
Tropical Parula	0A
Tropical Shearwater	3A, 3B
Trumpeter Swan	9, 9C
Tufted Duck	5
Tufted Puffin	6, 5
Tufted Titmouse	1B
Tule White-fronted Goose	8
Turkey Vulture	8V
Unidentified Common/Hoary Redpoll	0
Unidentified Empidonax	0A, 0
Unidentified Gray-cheeked/Bicknell's Thrush	1B
Unidentified Gull	5
Unidentified Hummingbird	X
Unidentified Rufous-sided Towhee	2, 1A, 1D
Unidentified Sharp-tailed Sparrow	1, 1B, 1C
Unidentified Teal	5, 4A
Unspecified Sage Sparrow	1, 1C
Upland Sandpiper	3
Varied Bunting	1C, 1
Varied Thrush	2
Varied Tit	1B, 1, 1C
Vaux's Swift	1C, 1
Veery	1B
Venezuelan Troupial	3
Verdin	0A
Vermilion Flycatcher	0, 0A, 1C, 1
Vesper Sparrow	1B, 1, 1C
Victoria Penguin	9
Violet-crowned Hummingbird	X
Violet-green Swallow	1, 0, 1C
Virginia Rail	2, 3
Virginia's Warbler	0A
Wandering Albatross	8
Wandering Tattler	3, 2
Warbling Vireo	0, 1C, 1

Wattled Honeyeater	2
Waved Albatross	8
Wedge-rumped Storm-Petrel	1B
Wedge-tailed Shearwater	5, 4A
West Indian Whistling-Duck	7B, 8
West Indian Woodpecker	2
Western Bluebird	1B
Western Flycatcher	0, 0A
Western Grebe	7B, 7, 7A
Western Gull	6, 7A
Western Kingbird	1A, 1B
Western Meadowlark	M: 3 F: 2, 3
Western Palm Warbler	0, 0A
Western Sandpiper	1B, 1
Western Screech-Owl	5, 4A, 4
Western Scrub-Jay	2, 3
Western Snowy Plover	1P
Western Spindalis	1B, 1A
Western Tanager	1B
Western Wood-Pewee	0, 0A, 1C, 1
Western Yellow-billed Cuckoo	2, 3
Western/Clark's Grebe	7A, 7B
Whimbrel	4
Whiskered Auklet	3
Whiskered Screech-Owl	3A, 4
Whiskered Tern	2
Whistling Swan	9
White Ibis	6, 7A
White Tern	2
White Wagtail	1, 1C
White-breasted Nuthatch	1B, 1, 1C
White-cheeked Pintail	5
White-chinned Petrel	5
White-chinned Thrush	2
White-collared Seedeater	0, 0A
White-crowned Pigeon	4A, 4
White-crowned Sparrow	1B
White-eared Hummingbird	X
White-eyed Thrush	2
White-eyed Vireo	0, 0A

White-faced Ibis	6
White-faced Storm-Petrel	3
White-headed Woodpecker	1A, 2, 1D
White-necked Crow	5, 6
White-rumped Sandpiper	1A, 1B
White-rumped Shama	2, 1A, 1D
White-rumped Swiftlet	0, 1, 1C
White-tailed Hawk	7A, 7B
White-tailed Kite	6, 5
White-tailed Tropicbird	4, 3A, 3B, 3
White-throated Ground-Dove	4, 3A
White-throated Sparrow	1B
White-throated Storm-Petrel	2, 3
White-throated Swift	2
White-tipped Dove	3A, 4, 3B
White-vented Myna	1A, 2, 1D
White-winged Crossbill	1B
White-winged Dove	4, 3A
White-winged Junco	1C, 1
White-winged Scoter	7A
White-winged Tern	2
Whooper Swan	9
Whooping Crane	9, 9V
Willet	4
Williamson's Sapsucker	1A
Willow Flycatcher	0, 0A
Wilson's Phalarope	1A, 2, 1D
Wilson's Plover	2, 1A, 1D
Wilson's Snipe	3, 3B, 3A, 2
Wilson's Storm-Petrel	1A, 1B
Wilson's Warbler	0A, 0
Winter Wren	0A, 0
Wood Duck	M: 5A, 6, 5 F: 5A, 5, 6
Wood Sandpiper	1A
Wood Stork	8
Wood Thrush	1A
Wood Warbler	0A
Worm-eating Warbler	1C, 0, 1
Worthen's Sparrow	0
Wrentit	1C, 1
Xantus's Murrelet	2, 2A

Yellow Bittern	4
Yellow Grosbeak	2, 1A, 1D
Yellow Palm Warbler	0, 0A
Yellow Rail	1A, 2, 1D
Yellow Warbler	0, 0A, 1C, 1
Yellow-bellied Elaenia	1B
Yellow-bellied Flycatcher	0, 0A
Yellow-bellied Sapsucker	1B, 1A
Yellow-bellied Seedeater	0, 0A, 1, 1C
Yellow-billed Cardinal	1A, 1B
Yellow-billed Cuckoo	2, 3
Yellow-billed Loon	9
Yellow-billed Magpie	3A
Yellow-breasted Chat	1B, 1A, 1D
Yellow-breasted Crake	3, 2
Yellow-crowned Bishop	0A
Yellow-crowned Night-Heron	7A
Yellow-eyed Junco	1C, 1
Yellow-faced Grassquit	0, 0A, 1C
Yellow-footed Gull	6
Yellow-fronted Canary	0, 1
Yellow-green Vireo	1, 1C
Yellow-headed Blackbird	M: 2, 3, 1D F: 1A, 1D, 2
Yellow-nosed Albatross	8
Yellow-rumped Warbler	0, 1C, 0A, 1
Yellow-shafted Flicker	3, 3B
Yellow-shouldered Blackbird	2
Yellow-shouldered Grassquit	1C, 1
Yellow-throated Vireo	1C, 1
Yellow-throated Warbler	0A, 0
Zebra Dove	3
Zenaida Dove	4
Zone-tailed Hawk	7A
Zonotrichia Sparrow Hybrid	1B

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