

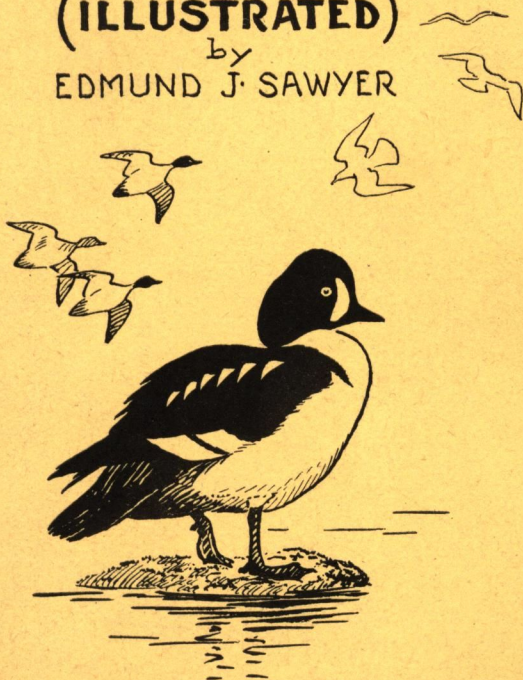
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GAME BIRDS and OTHERS of the NORTHWEST

(ILLUSTRATED)

by

EDMUND J. SAWYER



GAME BIRDS *and* OTHERS *of the* NORTHWEST

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EDMUND J. SAWYER

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A condensed field guide to identifying all game birds and those other birds most likely to attract attention of hunters, fishermen and campers.

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PREFACE

This booklet is designed to be conveniently carried in the pocket of the hunter, fisherman or other outdoorsman, as an instant guide to naming birds in the field. Time often is indeed truly "of the essence" in the identification of a bird briefly seen and of which, as is usual, a detailed description has not been preserved in writing. This subject is continued in the chapter, Identifying Birds, which the reader is urged to see.

In preparation of the present material on distribution and of the Check-List I have drawn as far as possible on my own experience and field notes. The American Ornithologists' Union check-list has been followed in the systematic order of names for this booklet's check-list. Also the same standard order has been adhered to throughout, so far as the booklet's purpose and practical make-up allowed. It is therefor suggested that readers, not already familiar with classification of birds, may find these pages an aid to consulting systematic books for further reference. Other books consulted were Birds of Western Canada (Taverner), Birds of the Pacific States (Hoffman), Handbook of Birds of the Western U. S. (Bailey), A Field Guide to Western Birds (Peterson); bulletin, Birds of the Bellingham Bay Region (Edson, J. M.). To Mr. Edson and the Bellingham Museum I am especially indebted for loan of study skins and access to their collections at all times.

EDMUND J. SAWYER,

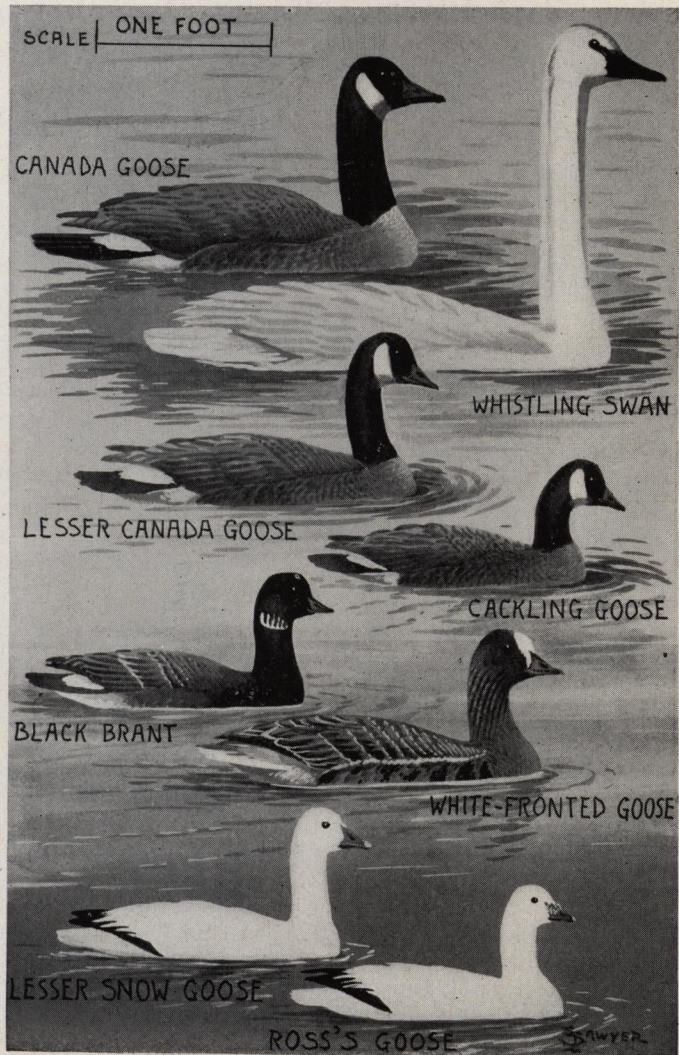


GAME DUCKS (Plate I)

	Check-List Number
1. Mallard	33
2. Gadwall	34
3. European Widgeon.....	35
4. Baldpate (Amr. Widgeon).....	36
5. Pintail (Sprig).....	37
6. Green-winged Teal.....	38
7. Blue-winged Teal.....	39
8. Cinnamon Teal.....	40
9. Shoveler (mis-called "spoonbill").....	41
10. Wood Duck.....	42
11. Redhead	43
12. Ring-necked Duck.....	44
13. Canvas-back	45
14. Greater Scaup Duck (Blue-bill, Broad-bill).....	46
15. Lesser Scaup Duck (Blue-bill, Broad-bill).....	47
16. Amr. Golden-eye ("Whistler").....	48
17. Barrow's Golden-eye.....	49
18. Buffle-head ("Butter-ball").....	50
19. Ruddy Duck.....	56

Autumn and winter colors in the case of many ducks, especially individual males, are often markedly different from those of the breeding season. Here the shape and dimensions of the bill are often points of special importance in identification (See plates VII, VIII). Sea Ducks differ uniformly from River Ducks in having a web on the small hind toe. The two subfamilies are also designated diving and dabbling ducks, respectively, in consideration of their feeding methods. They might be classed, too as "skittering" and jumping ducks in accordance with their respective methods of rising from the water. Game or non-game?—it is often a matter of taste. Any species, after feeding too long on a fishy-tasting diet, may be too "strong" for the table without special treatment, while a species that usually requires parboiling may become palatable enough after continued vegetable feeding.

Plate II



SWAN, GEESE, BRANT (Plate II)

	Check-List Number
Whistling Swan.....	24
Canada Goose (Honker).....	25
Lesser Canada Goose.....	27
Cackling Goose.....	28
Black Brant.....	29
White-fronted Goose.....	30
Lesser Snow Goose.....	31
Ross's Snow Goose.....	32

Geese, brant and swan are chiefly distinguishable in life by comparative size, by markings, and by the respective areas of black and white. Their otherwise sober colors, chiefly grays and browns, are quite secondary. There is no noteworthy seasonal change of color in the species with which we are concerned. As shown in Plate II, a swan may always be identified by its color—plumage entirely white. Our only white geese (the Snow Goose and Ross's Goose) both have the flight or primary wing feathers black. Still its size, greater than any goose, and relatively long neck are enough to positively identify the swan. The members of this group share, in common with some other water birds, the habit of flying in V or line formation. The habit is scarcely more marked in the case of the familiar 'wedge' or long single file of the Canada geese than in the white, wavering 'arrowhead' or streamers of Snow geese and swan.

The name Brant may convey the impression of a bird quite distinct from either geese or swans. However, brant are geese closely allied to other species, especially the various races of the Canada goose. As human food, geese seem to be more uniformly palatable than ducks, owing doubtless to a more consistent diet on the part of the geese. The swan is said to be poor food. See figures of bills in Plates VII, VIII; flight appearance in Plate VI.

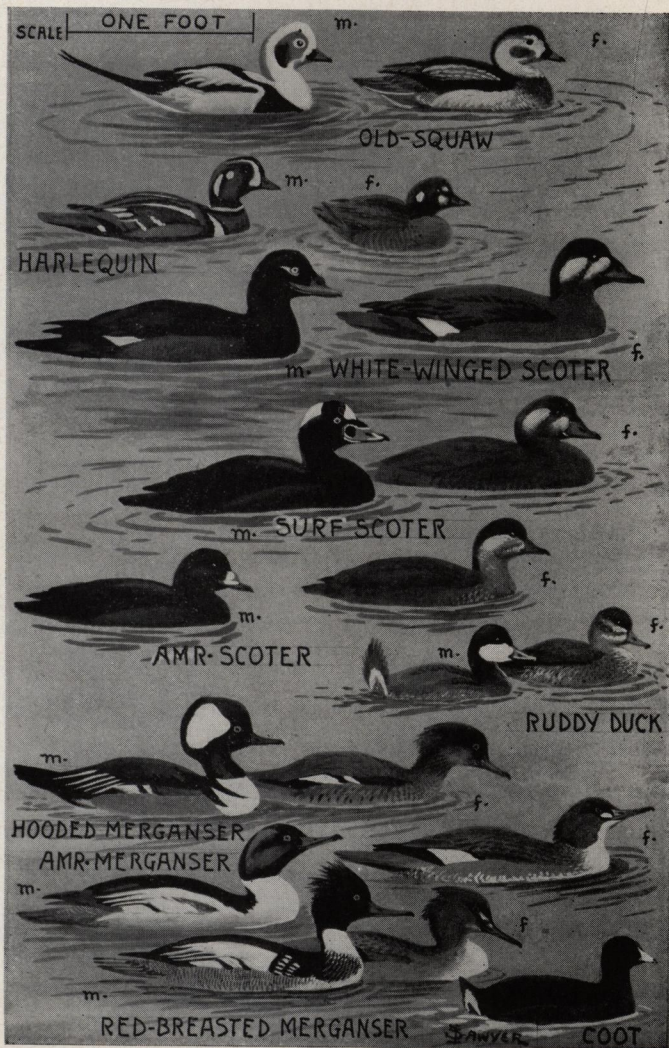
Plate III



UPLAND GAME BIRDS (Plate III)

	Check-List Number
Sooty Grouse (like) Dusky Grouse, Richardson's Grouse	78
Franklin's Grouse	79
Oregon Ruffed Grouse (mis-called "native pheasant") (like) Gray Ruffed Grouse	81
Rainier White-tailed Ptarmigan (winter, all white)	82
Sharp-tailed Grouse	83
Sage Hen	84
European Partridge	85
Bob-White	86
California Quail	87
Mountain Quail	88
Ring-necked Pheasant ("English Pheasant", "Mongolian" or "Chinese Pheasant")	89
Band-tailed Pigeon	149

Plate IV



NON-GAME DUCKS (Plate IV)

	Check-List Number
Old-Squaw.....	51
Harlequin Duck.....	52
White-winged Scoter (Sea Coot).....	53
Surf Scoter (Sea Coot).....	54
American Scoter (Sea Coot).....	55
Ruddy Duck.....	56
Hooded Merganser (Saw-bill, Fish Duck).....	57
American Merganser (Saw-bill, Fish Duck).....	58
Red-breasted Merganser (Saw-bill, Fish Duck).....	59
Coot (Mud Hen).....	92

Not all hunters will agree that the Old-Squaw and the Harlequin duck belong in the group of non-game species. Other hunters of equal experience would include both and some would perhaps even add the Bufflehead and the Golden-eyes. For, as elsewhere suggested, there is no sharp line between game and non-game species, especially among the ducks. The Ruddy Duck is included in both groups, since its game vs. non-game status depends on whether one is of the school that calls a daisy a flower; or the other school that calls it a weed. 'Strong' and leather-tough, the Scoters—locally mis-called sea-coots—are distinctly not for the table, hence not legitimate game. "Fish Ducks" and "Saw-bills"—their usual local names—are a sufficient and accurate designation for the mergansers and should be enough to save them from all guns.

This author firmly believes that the Wood Duck should also be re-classed a permanent non-game species. Vastly more beautiful than edible, 'easy to get', the only American member of its genus, its ranks already sadly depleted; it is, equally with the peacock whose gorgeous plumage it rivals, more valuable alive than dead.

The Coot, figured for convenience in the accompanying plate, is not allied to the duck family; rather it is related closely to the gallinules and rails, not distantly to the cranes. It is a true game bird and there seems little reason for its unpopularity among the rank and file of hunters. The common appellation, "mud hen", widely prevalent, may partly account for the neglect.

IDENTIFYING BIRDS

In actual practice present day ornithology is largely—far too largely, as this author is by no means alone in believing—a matter of dividing and subdividing birds by ever finer and finer distinctions. This splitting and re-splitting of hairs has resulted in adding hundreds of names to the former list of American birds. Even years ago this practice had gotten to the point where, in many instances, the more deeply-dyed gentry in this field of nomenclature would not hazard the name of a bird held in their hands unless such specimen were accompanied by a record of the exact locality in which it was taken; given the locality and date, however, the “geological race” in question would then be stated glibly enough, as such or such, by name. Thus there were and are, for example, twenty-odd subspecies of the common song sparrow or ‘ground bird’. In other words, a large part of laboratory bird study goes under many an assumed name! What is more significant, the professors themselves are by no means in full accord on the validity of the new names. Practically, all this means that scores of officially accepted names, such as are recorded without question in the check-list of the American Ornithologists’ Union and in current manuals and handbooks, may well be disregarded by any lay observer and even by most bird students.

However, while, in accordance with its purpose, this book emphasizes the more common and well-defined species and subspecies, I have attempted, on the score of completeness, to include in the check-list all species and subspecies which seem to be of reasonably possible identification by the untrained observer.

To learn the name of a strange bird it is of first importance to see clearly. Far better to definitely note one or two features of shape, color or marking, however small, than to carry away any number of characters poorly defined,

or a merely general impression. See Plate V, “Topography”, and use these terms in noting and describing the areas on which colors and markings occur. As to measurements, bear in mind that a bird’s total “length”, as recorded in manuals and handbooks, is measured from the tip of the bill to the tip of the tail of a dead specimen placed on its back, neck and bill being extended on a line with the tail. Hence the measurement of a bird as seen in a life attitude is usually much less between those extremities. It may be helpful to keep in mind the length of some familiar bird. A mallard duck measures about twenty-three inches, a ruffed grouse about seventeen inches, a robin about ten inches. At rest in their usual life attitudes the same birds measure, respectively, about fifteen, fourteen, nine inches. “Length of wing” (See Plate V) is an important measurement and may be taken, too, with more assurance of accuracy than the total length of the bird.

The colors of birds in the colored plates are of birds in full breeding plumage. It is important to remember that in seasons other than summer the colors and markings may vary, according to species, from slightly to almost completely different. Hence structural distinctions, especially of bills, feet and wings, are more uniformly dependable and, wherever possible, should be given at least as close attention as any other details. By all means, if one’s interest in the matter amounts to anything more than the briefest curiosity, written memoranda should be made on the spot where the bird is seen.

In order to clinch the name in any doubtful case it is well, sometimes necessary, to have in hand the best written description possible for you to make of the bird as and when seen in life. Later, as opportunity offers, your description should be checked with the specimens in a museum collection; failing that, authorities or libraries may be consulted.

Plate V

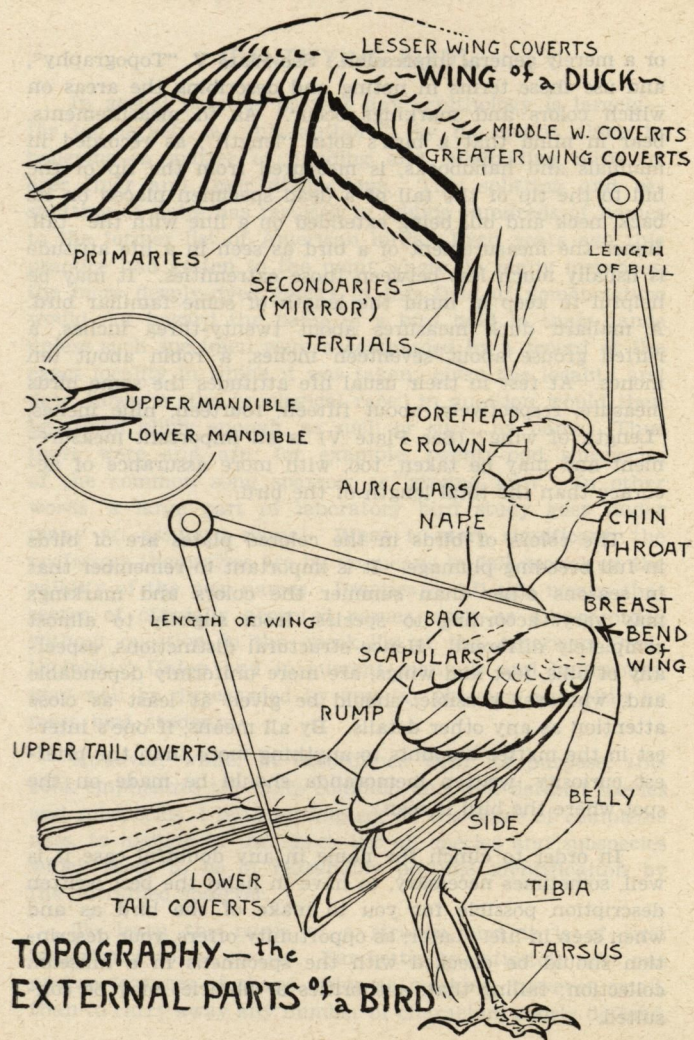


Plate VI—Appearance of Typical Water Birds In Flight

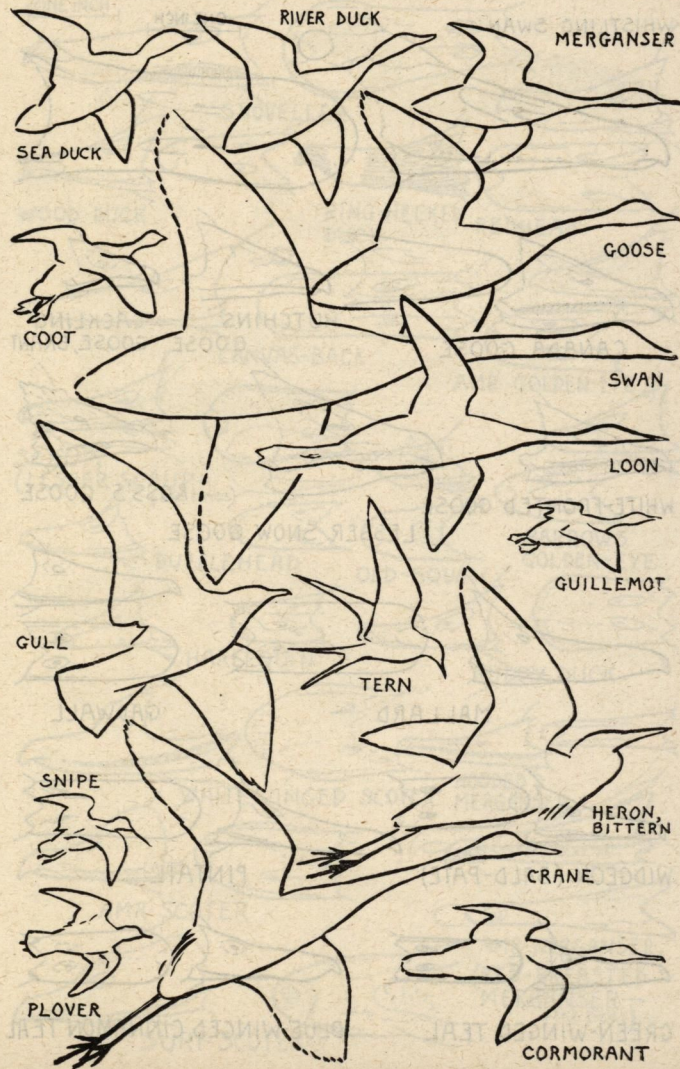


Plate VII

WHISTLING SWAN

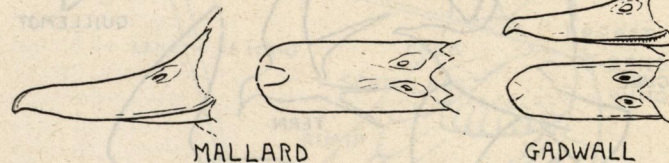
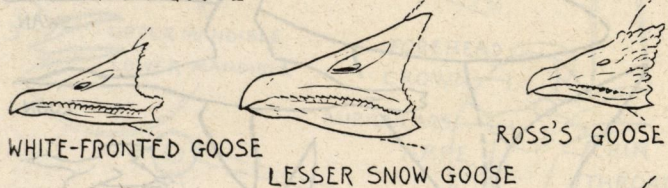
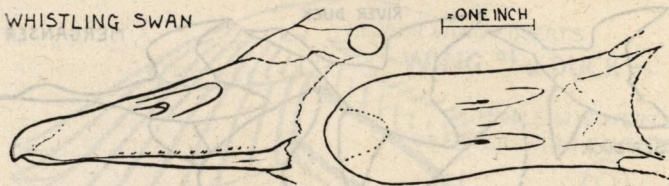


Plate VIII

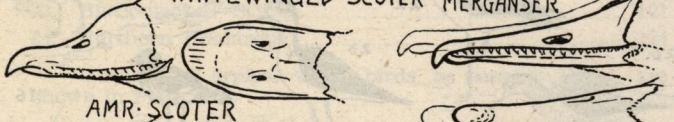
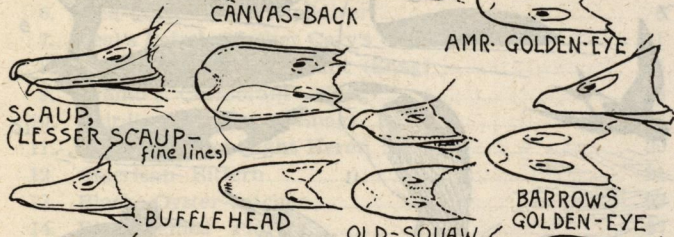
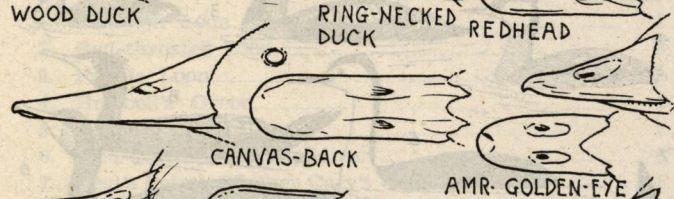
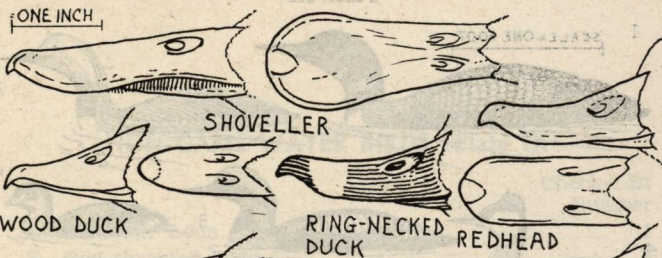


Plate IX



NON-GAME WATER BIRDS (Plate IX)

	Check-List Number
1. Common Loon.....	1
2. Red-throated Loon.....	3
3. Pacific Loon.....	2
4. Holboell's Grebe.....	4
5. Western Grebe.....	7
6. Pied-billed Grebe (Helldiver).....	8
7. Beal's Petrel (Mother Cary's Chicken).....	11
8. Double-crested Cormorant (Shag).....	14
9. Brandt's Cormorant (Shag).....	15
10. Baird's Cormorant (Shag).....	16
11. Black-crowned Night Heron.....	20
12. American Bittern.....	21
13. Black Oyster-catcher.....	93
14. Black-bellied Plover.....	97
15. Killdeer Plover.....	96
16. Black Turnstone.....	100
17. Wilson's Snipe (Jack Snipe).....	101
18. Long-billed Dowitcher.....	116
19. Spotted Sandpiper (Tip-up).....	104
20. Western Willet.....	107
21. Greater Yellow-legs.....	108
22. Avocet.....	120
23. Black-necked Stilt.....	121
24. Northern Phalarope.....	124

Outlines of typical water birds, as seen in flight, are shown in Plate VI.

NON-GAME WATER BIRDS (Plate X)

	Check-List Number
1. Parasitic Jaeger.....	125
2. Glaucous-winged Gull.....	126
3. Western Gull.....	127
4. Herring Gull.....	128
5. Bonaparte's Gull.....	132
6. Heermann's Gull.....	133
7. Pacific Kittiwake.....	134
8. Sabine's Gull.....	135
9. Common Tern (Sea Swallow), (like) Arctic Tern (Sea Swallow).....	137
10. Caspian Tern.....	139
11. Black Tern.....	140
12. California Murre.....	141
13. Pigeon Guillemot (Sea Pigeon).....	142
14. Marbled Murrelet.....	143
15. Cassin's Auklet.....	145
16. Rhinoceros Auklet.....	147
17. Tufted Puffin (Sea Parrot).....	148

Plate X



Plate XI



LARGER LAND BIRDS (Plate XI)

	Check-List Number
1. Goshawk (Blue Hawk) a. adult; b. immature.....	60
2. Sparrow Hawk.....	75
3. Belted Kingfisher.....	171
4. Yellow-shafted Flicker (High-holer; Yellow hammer).....	172
Red-shafted Flicker (same markings).....	172
5. Pileated Woodpecker, Western; (Log Cock).....	174
6. Lewis's Woodpecker (largely blackish).....	176
7. Red-breasted Sapsucker.....	178
8. Williamson's Sapsucker (a, male; b, female).....	179
9. Oregon Jay (Camp Robber) (like) Rocky Mt. Jay (Camp Robber, Whistley Jack, etc.).....	205
10. Steller's Jay (race of).....	206
11. Clark's Nutcracker (Clark's Crow).....	213
12. Varied Thrush (mis-called "swamp robin").....	234
13. Russet-backed Thrush.....	236

SMALLER LAND BIRDS (Plate XII)

	Check-List Number
1. Pygmy Owl.....	156
2. Rufus Hummingbird (a, male; b, female).....	169
3. Violet-green Swallow.....	197
4. Black-capped Chickadee.....	214
5. Bush-Tit.....	219
6. White-breasted Nuthatch.....	220
7. Red-breasted Nuthatch.....	221
8. Creeper.....	223
9. Water Ouzel (Dipper).....	225
10. House Wren, Western (indistinctly barred).....	226
11. Winter Wren.....	227
12. Bewick's Wren.....	228
13. Mountain Bluebird.....	239
14. Townsend's Solitaire.....	240
15. Golden-crowned Kinglet.....	241
16. Bohemian Waxwing.....	244
17. Cedar Waxwing (Cherry-bird, Cedar-bird).....	245
18. Yellow Warbler (Summer Yellowbird).....	254
19. Audubon's Warbler (a, male; b, female).....	256
20. Black-throated Gray Warbler.....	257
21. Macgillivray's Warbler.....	260
22. Western (or Louisiana) Tanager.....	273
23. Evening Grosbeak.....	276
24. Purple Finch.....	277
25. Hepburn's Rosy Finch (Leucosticte).....	280
26. Willow Goldfinch (a, male; b, female).....	284
27. Pine Siskin.....	283
28. Spotted Towhee (a, male; b, female).....	289
29. Oregon Junco (a, male; b, female).....	297
30. Chipping Sparrow (Chippy).....	300
31. White-crowned Sparrow.....	302
32. Song Sparrow ("Ground-bird").....	307



PREDATORS, CONSERVATION

Nature's balance requires and provides that all species of wildlife must pay a toll to their species; it is part of the law of fitness and survival. The spider preys on the fly, the quail and the wren prey on the spider, the hawk and the shrike prey on the quail and wren; and so on, and on—eagle, lynx, wolf, grizzly. It is typical of our own species that we call the hawk, for example, a "predator" because his legitimate food happens to be the duck or grouse (**among other things**) on which we ourselves wish to prey as our own exclusive privilege.

For any decrease in game it is the custom to hold hawks, owls, foxes, weasels and other natural carnivores and (or) adverse weather conditions responsible. We are prone to forget that bad weather is nothing new and that both game and such "predators" existed together in abundance until man, with his firearms, entered the scene. Man is the Arch Predator, Nature's only outlaw. Against his firearms and homeless cats Nature has not provided, nor can she provide a single check. Above all else, therefore, it is for us to curb our own greed—remembering the fate of the Passenger Pigeon, Labrador Duck, Carolina Parakeet, Heath Hen and others—to rigidly limit our prey in kind and amount, to enforce its conservation. In doing that we can, for the most part, well afford to let Nature deal in her superior wisdom with those so-called "predators" but for whose co-existence duck and goose and quail would not be the lusty, swift, exciting and admirable game they are.

A SPORTSMAN'S AIM

(Wildlife Apostle's Creed)

Fairly to treat my fellows of the rod and gun;
But, so to treat my brethren of feather, fur and fin
That they themselves—if speech were theirs—
Would call me a true sportsman.

CHECK-LIST

Birds of Washington, Oregon, Idaho. In black-face type, birds illustrated and (or) treated in the preceding pages. In light-face type, all other birds occurring in the above area excepting those which are extremely rare, "accidental" or (in some indicated cases) deemed practically identical with others here listed. Example: "Great Blue Heron" here represents four subspecies of the American Ornithologists' Union check-list. Summer residents (S.V.) usually implies breeding.

Abbreviations: Res. (resident) Irreg. (irregular)
S.V. (summer visitor) (W.) Western
W.V. (winter visitor) (N.) Northern
M. (migrant)

- | | Plate |
|---|-------|
| 1. Common Loon. S.V. Wash., Ore., Ida..... | IX |
| 2. Pacific Loon. M. and W.V. Wash., Ore..... | IX |
| 3. Red-throated Loon. M. and W.V. Wash., Ore..... | IX |
| 4. Holboell's Grebe. M. and W.V. Wash., Ore., S.V.
Wash., Ida..... | IX |
| 5. Horned Grebe. M. and W.V. Wash., M. Ore., Ida. | |
| 6. Eared Grebe. S.V. Wash., Ore., Ida. | |
| 7. Western Grebe. S.V. Wash., Ore., Ida..... | IX |
| 8. Pied-billed Grebe. S.V. Wash., Ore., Ida..... | IX |
| 9. Sooty Shearwater. M. Wash., Ida., offshore. | |
| 10. Fork-tailed Petrel. S.V. Ore., offshore; W. V.
Wash., offshore. | |
| 11. Beal's Petrel. S.V. Wash., Ore., offshore..... | X |
| 12. White Pelican. S.V. Wash., Ore. | |
| 13. Brown Pelican. Late summer-fall, Wash., Ore.
coast. | |
| 14. Double-crested Cormorant. Res. Ore., probably
S.V. Ida..... | IX |
| 15. Brandt's Cormorant. Res. Wash., Ore., coast..... | IX |
| 16. Baird's Cormorant. Res. Wash., Ore., coast..... | IX |
| 17. Great Blue Heron (or race of). Res. Wash., Ore.,
S.V. Ida. | |
| 18. Egret. Res. Ore. | |

Plate

19. Anthony's Green Heron. S.V. Ore. IX
20. Black-crowned Night Heron. S.V. Wash., Ore.,
probably Ida. IX
21. American Bittern. S.V. Wash., Ore., Ida. IX
22. Least Bittern (W). S.V. Ore.
23. White-faced Glossy Ibis. S.V. Ore.
24. Whistling Swan. W.V. Ore., M. and W.V. Wash. II
25. Canada Goose. M. and S.V. Wash., Ore., Ida. II
26. Hutchins Goose. M. Wash., Ore., Ida. II
27. Lesser Canada Goose. W.V. Wash., Ore., probably
Ida. II
28. Cackling Goose. M. and W.V. Wash., Ore. II
29. Black Brant. M. and W.V. Wash., Ore. coast. II
30. White-fronted Goose. M. Wash., Ore. II
31. Lesser Snow Goose. M. Wash., Ore. II
32. Ross's Snow Goose. M. locally. II
33. Mallard. Res. Wash., Ore., Ida. I
34. Gadwall. S.V. Wash., Ore., probably Ida. I
35. European Widgeon. W.V. Wash., Ore., Ida. I
36. Baldpate. M. and W.V. Wash., Ore., Ida. I
37. Pintail. S.V. Wash., Ore., probably Ida. I
38. Green-winged Teal. M. and W.V. Wash., Ore.,
Ida. I
39. Blue-winged Teal. M. Wash., Ore., Ida. I
40. Cinnamon Teal. S. V. Wash., Ore., Ida. I
41. Shoveller. Mainly M. and W.V. Wash., Ore., M.
Ida. I
42. Wood Duck. S.V. Wash., Ore., Ida. I
43. Redhead. Res. Ore., M. and S.V. Wash., M. Ida. I
44. Ring-necked Duck. M. and W. V. Wash., Ore., Ida. I
45. Canvas-back. W.V. Wash., Ore., probably Ida. I
46. Greater Scaup Duck. M. and W.V. Wash., Ore.,
Ida. I
47. Lesser Scaup Duck. M. and W.V. Wash., Ore., Ida. I
48. American Golden-eye. W. V. Wash., Ore., Ida. I
49. Barrow's Golden-eye. W.V. Wash., Ore., I
50. Buffle-head. W.V. Wash., Ore., Ida. I
51. Old-Squaw. W.V. Wash., Ore., probably Ida. IV
52. Harlequin. Res. Wash., Ore. IV

Plate

53. White-winged Scoter. W.V. Wash., Ore., coastal. IV
54. Surf Scoter. W.V. Wash., Ore., coastal; scarce
summer. IV
55. American Scoter. W.V. Wash., Ore., coastal. IV
56. Ruddy Duck. R.V. and W.V. Wash., Res. and W.V.
Ore. IV
57. Hooded Merganser. Res. Wash., Ore., probably
Ida., S.V. IV
58. American Merganser. Res. Wash., Ore., probably
Ida. IV
59. Red-breasted Merganser. Res. Wash., W.V. Ore.,
and probably Ida. IV
60. Goshawk. Res. Wash., Ore., Ida. XI
61. Sharp-shinned Hawk. Res. Wash., Ore., Ida.
62. Cooper's Hawk. Res. Wash., Ore., Ida.
63. Red-tailed Hawk (W). Res. Wash., Ore., Ida.
64. Swainson's Hawk. S.V. Wash., Ore., probably Ida.
65. Ferruginous Rough-legged Hawk. S.V. Wash.,
Ore., probably Ida.
66. Golden Eagle. Res. Wash., Ore., Ida.
67. Bald Eagle (N). Res. Wash., Ore., Ida.
68. Marsh Hawk. S.V. Wash., Ore., Ida.
69. Osprey. S.V. Wash., Ore., Ida.
70. Gyrfalcon. W.V. Wash., Ore.
71. Prairie Falcon. S.V. or M. Wash., Ore., Ida.
72. Duck Hawk. S.V. Wash., Ore., Ida.
73. Pigeon Hawk (W). S.V. Wash., Ore., Ida.
74. Black Pigeon Hawk. W.V. Wash., Ore.
75. Sparrow Hawk (race of). S.V. Wash., Ore., Ida. XI
76. Ducky Grouse. Res. Ida. III
77. Richardson's Grouse. Res. Wash., Ore., Ida. III
78. Sooty Grouse. Res. Wash., Ore. III
79. Franklin's Grouse. Res. Wash., Ore., Ida. III
80. Gray Ruffed Grouse. Res. Ida. III
81. Oregon Ruffed Grouse. Res. Wash., Ore. III
82. White-tailed Ptarmigan (Rainier). Res. Wash.,
Ore., high Mts. III
83. Sharp-tailed Grouse. Res. Wash., Ore., Ida. III
84. Sage Hen. Res. Wash. III

Plate

85. **European Partridge.** Res. (introduced) Wash., Ore., Ida. III
86. **Bob-White.** Res. (introduced) Wash., Ore., Ida. (?) III
87. **California Quail.** Res. (introduced) Wash., Ore. III
88. **Mountain Quail.** Res. Wash., Ore., Ida. III
89. **Ring-necked Pheasant.** Res. (introduced) Wash., Ore., Ida. III
90. **Sandhill Crane.** M. Wash., S.V. Ore., Ida. VI
91. **Little Brown Crane.** M. Wash., Ore., Ida. VI
92. **Coot.** Res. Wash., Ore., S.V. Ida. VI
93. **Black Oyster-catcher.** Res. Wash., Ida., shore, offshore IX
94. **Snowy Plover (W).** S.V. Wash., Ore. IX
95. **Semi-palmated Plover.** M. Wash., Ore. IX
96. **Killdeer Plover.** S.V. Wash., Ore., Ida. IX
97. **Black-bellied Plover.** Mainly M. Wash., Ore. IX
98. **Surf-bird.** M. and W.V. Wash., Ore., coast. IX
99. **Ruddy Turnstone.** M. Wash., Ore. IX
100. **Black Turnstone.** M. and W.V. Wash., and Ore. coast. IX
101. **Wilson's Snipe.** Mainly S.V. Wash., Ore., Ida. IX
102. **Long-billed Curlew.** S.V. Wash., Ore., Ida. IX
103. **Hudsonian Curlew.** S.V. Ore. IX
104. **Spotted Sandpiper.** S.V. Wash., Ore., Ida. IX
105. **Solitary Sandpiper (W).** S.V. Wash., Ore., Ida. IX
106. **Wandering Tattler.** M. Wash., Ore. IX
107. **Willet (W).** M. Wash., S.V. Ore. IX
108. **Greater Yellow-legs.** M. Wash., Ore., Ida. IX
109. **Lesser Yellow-legs.** M. Wash., Ore., Ida. IX
110. **Knot.** M. Wash., Ore., coast. IX
111. **Aleutian Sandpiper.** W.V. Wash., Ore. coast. IX
112. **Pectoral Sandpiper.** M. Wash., Ore. IX
113. **Baird's Sandpiper.** M. Wash., Ore. IX
114. **Least Sandpiper.** M. Wash., Ore. IX
115. **Red-backed Sandpiper.** M. and W.V. Wash., Ore., coast. IX
116. **Long-billed Dowitcher.** M. Wash., Ore., probably Ida. IX
117. **Western Sandpiper.** M. Wash., Ore., mainly coast. IX

Plate

118. **Marbled Godwit.** M. Wash., Ore. IX
119. **Sanderling.** M. and W.V. Wash., Ore., coast. IX
120. **Avocet.** S.V. Wash., Ore. IX
121. **Black-necked Stilt.** S.V. Ore. IX
122. **Red Phalarope.** M. Wash., Ore., coast. IX
123. **Wilson's Phalarope.** S.V. Wash., Ore. IX
124. **Northern Phalarope.** M. Wash., Ore. IX
125. **Parasitic Jaeger.** M. Wash., Ore., offshore. X
126. **Glaucous-winged Gull.** Res. Wash. coast; M. and W.V. Ore. coast. X
127. **Western Gull.** Res. Wash., Ore., coast. X
128. **Herring Gull.** W.V. Wash., Ore., coast. X
129. **California Gull.** M., W.V., S.V. Ore., M. Wash. X
130. **Ring-billed Gull.** Mainly M. Wash., M. and S.V. Ore. X
131. **Short-billed Gull.** M. and W.V. Wash., Ore., coastal. X
132. **Bonaparte's Gull.** W.V. Wash., Ore., coast. X
133. **Heermann's Gull.** S.V. Wash., Ore., coast. X
134. **Pacific Kittiwake.** M. and W.V. Wash., Ore., offshore. X
135. **Sabine's Gull.** M. Wash., Ore., offshore. X
136. **Forster's Tern.** S.V. Wash., Ore. X
137. **Common Tern.** M. Wash., Ore., coast. X
138. **Arctic Tern.** M. Wash., Ore., coast. X
139. **Caspian Tern.** M. Wash. coast; S.V. Ore. X
140. **Black Tern.** S.V. Wash., Ore. X
141. **California Murre.** Res. Wash., Ore., offshore. X
142. **Pigeon Guillemot.** Res. Wash., Ore., offshore. X
143. **Marbled Murrelet.** Mainly W.V. Wash., Ore., offshore. X
144. **Ancient Murrelet.** W.V. Wash., Ore., offshore. X
145. **Cassin's Auklet.** Res. Wash., Ore., offshore. X
146. **Parquet Auklet.** Mainly W.V. Wash., Ore., offshore. X
147. **Rhinoceros Auklet.** Mainly M. Wash., Ore., offshore. X
148. **Tufted Puffin.** Res. Wash., Ore., offshore. X
149. **Band-tailed Pigeon.** S.V. Wash., Ore. III

150. Mourning Dove (W). S.V. Wash., Ore., Ida.
151. Barn Owl. Res. Wash., Ore.
152. Screech Owl (race of). Res. Wash., Ore., Ida.
153. Horned Owl (race of). Res. Wash., Ore., Ida.
154. Snowy Owl. W.V. Wash., Ore., Ida.
155. Hawk Owl. W.V. Wash. and probably Ida.
156. **Pygmy Owl.** Res. Wash., Ore., Ida..... XII
157. Burrowing Owl (W). Res. Wash., Ore., Ida.
158. Spotted Owl. Res. Wash., Ore.
159. Great Gray Owl. Res. Wash., Ore., Ida.
160. Long-eared Owl. Mainly S.V. Wash., Ore., Ida.
161. Short-eared Owl. Res. Wash., Ore., Ida.
162. Saw-whet Owl. Res. Wash., Ore., Ida.
163. Poor-will. S.V. Wash., Ore.
164. Nighthawk (race of). S.V. Wash., Ore., Ida.
165. Black Swift. S.V. Wash., M. Ore.
166. Vaux's Swift. M. and S.V. Wash., Ore.
167. White-throated Swift. M. and S.V. Wash.
168. Black-chinned Hummingbird. S.V. Wash., Ore.
169. **Rufous Hummingbird.** S.V. Wash., Ore., Ida..... XII
170. Calliope Hummingbird. S. V. Wash., Ore.
171. **Belted Kingfisher (W).** Mainly S.V. Wash., Ore.,
Ida..... XI
172. **Yellow-shafted Flicker.** S.V. Wash., Ore., Ida..... XI
173. **Red-shafted Flicker.** S.V. and Res. Wash., Ore.,
Ida..... XI
174. **Pileated Woodpecker (W).** Res. Wash., Ore., Ida. XI
175. California Woodpecker. S.V. Ore.
176. **Lewis's Woodpecker.** S.V. and (or) Res. Wash., Ore. XI
177. Red-naped Sapsucker. S.V. Wash., Ore., Ida.
178. **Red-breasted Sapsucker.** Mainly S.V. Wash., Res.
Ore. XI
179. **Williamson's Sapsucker.** Mainly S.V. Wash., Ida.,
Res. Ore..... XI
180. Hairy Woodpecker (race of). Res. Wash., Ore.,
Ida.
181. Downy Woodpecker (race of). Res. Wash., Ore.,
Ida.
182. White-headed Woodpecker. Res. Wash., Ore.

183. Arctic Three-toed Woodpecker. Res. Wash., Ore.,
Ida.
184. Eastern Kingbird. S.V. Wash., Ore., probably Ida.
185. Arkansas Kingbird. S.V. Wash., Ore., Ida.
186. Ash-throated Flycatcher. S.V. Wash., Ore.
187. Black Phoebe. S.V. Ore.
188. Say's Phoebe. Mainly S.V. Wash., Ore.
189. Traill's Flycatcher. S.V. Wash., Ore.
190. Hammond's Flycatcher. S.V. Wash., Ore.
191. Wright's Flycatcher. S.V. Wash., Ore.
192. Gray Flycatcher. S.V. Ore.
193. Western Flycatcher. S.V. Wash., Ore.
194. Wood Pewee (W). S.V. Wash., Ore., probably Ida.
195. Olive-sided Flycatcher. S.V. Wash., Ore., Ida.
196. Horned Lark (race of). M. and S.V. Wash., Ore.,
Ida.
197. **Violet-green Swallow.** S.V. Wash., Ore., Ida..... XII
198. Tree Swallow. S.V. Wash., Ore., Ida.
199. Bank Swallow. S.V. Wash., Ore., Ida.
200. Rough-winged Swallow. S.V. Wash., Ore., Ida.
201. Barn Swallow. S.V. Wash., Ore., Ida.
202. Cliff Swallow. S.V. Wash., Ore., Ida.
203. Purple Martin. S.V. Wash., Ore., Ida.
204. Rocky Mt. Jay. Res. Wash., Ore., Ida.
205. **Oregon Jay.** Res. Wash., Ore..... XI
206. **Steller's Jay** (race of). Res. Wash., Ore., Ida..... XI
207. California Jay. Res. Wash., Ore.
208. American Magpie. Res. Wash., Ore., Ida.
209. Raven. Res. Wash., Ore., Ida.
210. Crow (W). Res. Wash., Ore., Ida.
211. Crow (Northwestern). Res. Wash., Ore.
212. Pinon Jay. Res. Ore., probably Ida.
213. **Clark's Nutcracker.** Res. Wash., Ore., Ida..... XI
214. **Black-capped Chickadee.** Res. Wash., Ore., Ida..... XII
215. Oregon Chickadee. Res. Wash., Ore., Ida.
216. Mountain Chickadee. Res. Wash., Ore., Ida.
217. Chestnut-backed Chickadee. Res. Wash., Ore., Ida.
218. Plain Titmouse. Res. Ore.
219. **Bush-Tit** (race of). Res. Wash., Ore..... XII

Plate

220. **White-breasted Nuthatch** (race of). Res. Wash., Ore., Ida. XII
221. **Red-breasted Nuthatch**. Res. Wash., Ore., Ida. XII
222. **Pygmy Nuthatch**. Res. Wash., Ore., Ida. XII
223. **Creeper**. Res. Wash., Ore., Ida. XII
224. **Wren-Tit**. Res. Ore. XII
225. **Water Ouzel**. Res. Wash., Ore., Ida. XII
226. **House Wren** (W). S.V. Wash., Ore., Ida. XII
227. **Winter Wren** (W). Res. Wash., Ore., Ida. XII
228. **Bewick's Wren**. Res. Wash., Ore., Ida. XII
229. **Marsh Wren** (race of). Mainly S.V. Wash., Ore., Ida. XII
230. **Canon Wren**. Res. Wash., Ore., Ida. XII
231. **Rock Wren**. S.V. Wash., Ore., Ida. XII
232. **Catbird**. S.V. Wash., Ore., Ida. XII
233. **Sage Thrasher**. S.V. Wash., Ore., Ida. XII
234. **Varied Thrush**. S.V. Wash., Ore., Ida. XI
235. **Hermit Thrush** (race of). S.V. Wash., Ore., Ida. XI
236. **Russet-backed Thrush**. S.V. Wash., Ore., Ida. XI
237. **Willow Thrush**. S.V. Wash., Ore., Ida. XI
238. **Western Bluebird**. S.V. Wash., Ore., Ida. XII
239. **Mountain Bluebird**. S.V. Wash., Ida., Res. Ore. XII
240. **Townsend's Solitaire**. Res. Wash., Ore., Ida. XII
241. **Golden-crowned Kinglet** (W). Res. Wash., Ore., Ida. XII
242. **Ruby-crowned Kinglet** (W). S.V. Wash., Ore., Ida. XII
243. **American Pipit**. S.V. Wash., Ore., Ida. XII
244. **Bohemian Waxwing**. W.V. Wash. regular; W.V. Ore., Ida. irreg. XII
245. **Cedar Waxwing**. Mainly S.V. Wash., Ore., Ida. XII
246. **Northwestern Shrike**. W.V. Wash., Ore., Ida. XII
247. **White-rumped Shrike** (race of). S.V. Wash., Ore., Ida. XII
248. **Hutton's Vireo**. Res. Wash., Ore. XII
249. **Red-eyed Vireo**. S.V. Wash., Ore., probably Ida. XII
250. **Warbling Vireo** (W). S.V. Wash., Ore., Ida. XII
251. **Cassin's Vireo**. M. and S.V. Wash., Ore. XII
252. **Orange-crowned Warbler** (race of). M. Wash., Ore. XII

Plate

253. **Calaveras Warbler**. S.V. Wash., Ore., Ida. XII
254. **Yellow Warbler**. S.V. Wash., Ore., Ida. XII
255. **Myrtle Warbler**. M. Wash., Ore., Ida. XII
256. **Audubon's Warbler**. S.V. Wash., Ore., Ida. XII
257. **Black-throated Gray Warbler**. S.V. Wash., Ore., Ida. XII
258. **Townsend's Warbler**. S.V. Wash., Ore. XII
259. **Hermit Warbler**. S.V. Wash., Ore. XII
260. **Macgillivray's Warbler**. S.V. Wash., Ore., Ida. XII
261. **Yellow-throat** (race of). S.V. Wash., Ore., Ida. XII
262. **Long-tailed Chat**. S.V. Wash., Ore., Ida. XII
263. **Pileolated Warbler**. S.V. Wash., Ore., Ida. XII
264. **Redstart**. S.V. Wash., Ore., Ida. XII
265. **English Sparrow**. Res. Wash., Ore., Ida. XII
266. **Western Meadowlark**. Mainly S.V. Wash., Ore., Ida. XII
267. **Yellow-headed Blackbird**. S.W. Wash., Ore., Ida. XII
268. **Red-wing**. S.V. Wash., Ore., Ida. XII
269. **Tricolored Red-wing**. S.V. Ore. XII
270. **Bullock's Oriole**. S.V. Wash., Ore., probably Ida. XII
271. **Brewer's Blackbird**. Res. Wash., Ore., Ida. XII
272. **Nevada Cowbird**. S.V. Wash., Ore., Ida. XII
273. **Western Tanager**. S.V. Wash., Ore., Ida. XII
274. **Black-headed Grosbeak**. S.V. Wash., Ore., Ida. XII
275. **Lazuli Bunting**. S.V. Wash., Ore., Ida. XII
276. **Evening Grosbeak** (race of). Mainly Irreg. W.V. Wash., Ore., Ida. XII
277. **Cassin's Purple Finch**. Mainly S.V. Wash., Ore., Ida. XII
278. **House Finch**. Res. Wash., Ore. XII
279. **Pine Grosbeak**. Res. Wash., Ore., Ida. XII
280. **Hepburn's Rosy Finch** (or race). Res. Wash., Ore., probably Ida. XII
281. **Black Rosy Finch**. Res. Ida. XII
282. **Redpoll**. W.V. Wash., Ore., probably Ida. XII
283. **Pine Siskin**. Res. Wash., Ore., Ida. XII
284. **Willow Goldfinch** (or race). Res. Wash., Ore., probably Ida. XII
285. **Green-backed Goldfinch**. Res. Ore. XII
286. **Red Crossbill**. Res. Wash., Ore., Ida. XII

287. White-winged Crossbill. S.V., Irreg. Wash., Ore.,
Ida.
288. Green-tailed Towhee. S.V. Ore., Ida.
289. **Spotted Towhee** (race of). Res. Wash., Ore., S.V.
Ida..... XII
290. Oregon Brown Towhee. Res. Ore.
291. Savannah Sparrow (race of). S.V. Wash., Ore.,
Ida.
292. Grasshopper Sparrow (W). S.V. Wash.
293. Vesper Sparrow (race of). S.V. Wash., Ore., Ida.
294. Lark Sparrow (W). S.V. Wash., Ore., Ida.
295. Sage Sparrow (N). S.V. Wash., Ore., Ida.
296. Slate-colored Junco (race of). Occurs Wash., Ore.,
Ida.
297. **Oregon Junco** (or race). Res. Wash., Ore., S.V. Ida. XII
298. Pink-sided Junco (or race of). Res. Wash., Ore.,
S.V. Ida.
299. Tree Sparrow (W). W.V. Wash., Ore., Ida.
300. **Chipping Sparrow** (W). S.V. Wash., Ore., Ida..... XII
301. Brewer's Sparrow. S.V. Wash., Ore., Ida.
302. **White-crowned Sparrow**. S.V. Wash., Ore., Ida..... XII
303. Gamble's Sparrow. M. Wash., Ore., Ida.
304. Golden-crowned Sparrow. Mainly M. Wash., Ore.
305. Fox Sparrow (races). M. Wash., Ore., Ida.
306. Lincoln's Sparrow. S.V. Wash., Ore., Ida.
307. **Song Sparrow** (races). S.V. and (or) Res. Wash.,
Ore., Ida..... XII
308. Alaska Longspur. W.V. Ore., Ida.
309. Snow Bunting. W.V. Wash., Ore., Ida.