

STATE COLLEGE OF IOWA
CEDAR FALLS

DEPARTMENT OF SCIENCE

17 October 1962

Dr. Philip A. DuMont,
4114 Fessenden St. NW.,
Washington 16, D.C.

Dear Phil:-

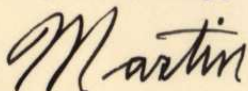
Enclosed is a copy of a newly-prepared "Checklist of Iowa Birds".

It is hoped that this might prove useful enough to have it printed, perhaps in or as a supplement to Iowa Bird Life.

Before this is done, however, I would like to have it checked over by a number of Iowa Ornithologists for corrections and additions. Any suggestions so received could be then incorporated into the manuscript before it is published.

If you have some comments, thus, I would appreciate having them sent to me. Or, if it might prove simpler for you, annotate the margins of this copy, and I would be glad to send you another one for your files.

Very sincerely,



Martin L. Grant
Professor of Biology

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CHECKLIST OF IOWA BIRDS

Compiled by Martin L. Grant and Pauline Sauer, 1962
State College of Iowa
Cedar Falls, Iowa

All species of birds that have been reported from Iowa by informed and reliable observers during the past fifty years have been included here, as well as all earlier ones for which specimens are available, plus a few others which seem unmistakable. An asterisk (*) preceding the status-code points out those species (39) for which we have not found a record of a preserved extant specimen secured in Iowa. Undoubtedly some records of specimens have been overlooked, and we would appreciate having these called to our attention, (as well as any other additions to this list, or corrections and suggestions). In some state lists such species are not accepted, but we feel no harm is done by including them if their status is made clear. All subspecies distinctions have been ignored.

Most of the material has been compiled from four sources: the American Ornithologists' Union "Check-List of North American Birds", 5th edition, 1957, the official authority for both the common and the scientific names; R. M. Anderson, 1907, "The Birds of Iowa"; P. A. DuMont, 1933, "A Revised List of the Birds of Iowa"; and the 126 issues to date of "Iowa Bird Life", edited by F. J. Pierce for most of its existence. A full bibliography would include over a thousand items. Three species were added to the state fauna in 1961 (Cattle Egret, Black-throated Gray Warbler, and Boat-tailed Grackle), and I am sure this current list is out of date already.

The "official" common name is in a few cases supplemented by another well-known name in parentheses, including all those used by R. T. Peterson in his "Field Guide to the (Eastern) Birds", 1947 edition. The scientific names are given only for reference and may be ignored. The second term (species name) is followed by the name of the man who is given credit for proposing it. His name is put in parentheses if this name has been shifted to another genus (the first term). For most of these "authorities" an abbreviation has been used as follows: A.-Audubon, B.-Bonaparte, B. & B.-Baird and Baird, Be.-Bechstein, Bod.-Boddaert, F.-Forster, G.-Gmelin, L.-Linnaeus, Lat.-Latham, Law.-Lawrence, M.-Muller, N.-Nuttall, P.-Pontoppidan, S.-Swainson, T.-Townsend, V.-Vieillot, and W.-Wilson. (These 17 men were responsible for 311 of the 361 names in the list).

The species (361) are numbered consecutively on the left, which numbers may be useful in handling data concerning birds within the state. Another set of numbers is given after the names of the orders and families, which are consecutive numbers we have given to these units in Wetmore's classification of the birds of the world, and are useful in filing systematic material on any basis up to a global one. A third set of numbers is placed before the scientific names of the species, which expresses the order in which the species are arranged in the AOU Check-List. These are significant at the continental level, the missing numbers representing species not yet recorded from Iowa. The last two sets of numbers can be combined into a code number for various purposes; thus 15.2.1 is the White Pelican, and 33.69.82 the Song Sparrow. Such a number tells the order, the family, and the species, and the relative position of each in the total scheme of classification. This system, being somewhat "loose-leaf", is not disturbed significantly when species are added to or removed from a given list.

Explanation of Abbreviations

One-letter symbols (letters) have been chosen to designate abundance and status. Three of these are arbitrary (G,X,Z), but the other 20 are the initial letters of the words they stand for, and thus should be easy to learn. Six of them, including the additional three, D, N, and O, have, to our knowledge, not been used before, but, we think, should prove useful.

Terms of abundance: A - Abundant, C - Common, U - Uncommon, R - Rare, E - Extirpated in Iowa, or even Extinct. Unfortunately, these terms are arbitrary and relative, but, for the better known species, it doesn't matter. In general, "R" is applied to any species with less than ca ("circa", about) 40 reports. For the very rarest species, a number is given, following "R", which is an estimate of the number of published records

of the species in Iowa: e.g., R5. Sometimes, for clarity, this number is enclosed in parentheses. The absence of a number means there are probably more than 25 records. The larger the number, the more likely it is to be incomplete. Where there are three or less records of a given species, the dates of the records are given, when known, preceded by a colon, and followed by a comma. Thus R2:1928, 1935, means that Lewis' Woodpecker has been reported only twice, and in those two years. A date in parentheses following "E" represents the last year of observation.

A few samples might illustrate the use of these terms of abundance, picking a few species from each of several families. Abundant - Blue Goose, Mallard, Red-tailed Hawk, Ring-necked Pheasant, Pectoral Sandpiper, Downy Woodpecker, Robin, Tennessee Warbler, and White-throated Sparrow. Common - Canada Goose, Wood Duck, Bobwhite, Sora, Least Sandpiper, Red-bellied Woodpecker, Swainson's Thrush, Nashville Warbler, and Vesper Sparrow. Uncommon - White-fronted Goose, Black Duck, Gray Partridge, Common Gallinule, White-rumped Sandpiper, Pileated Woodpecker, Veery, Mourning Warbler, and Lark Sparrow. Rare - Snowy Egret, Oldsquaw, Goshawk, Yellow Rail, Stilt Sandpiper, Red-shafted Flicker, Townsend's Solitaire, Pine Warbler, and Sharp-tailed Sparrow. Obviously, these will vary considerably from one part of the state to another, and from one habitat to another, but the attempt has been made to strike an "average", subjectively.

The numbers of species in each of the categories will also give an indication of the way in which the symbols are used. In the following table "R(no.)" refers to the "Very Rare" species (as they are sometimes labelled) in this checklist where an actual estimate of the number of records is presented. (R1 is the symbol for 26 species).

	A	C	U	R	R(no.)	E	Total
Non-perching Birds	16	43	48	26	50	9	192
Perching Birds	33	48	34	25	26	3	169
Totals	49	91	82	51	76	12	361
Sparrow Family	6	14	8	9	5	2	44

Terms of time: P - Permanent Resident i.e., some individuals (not necessarily the same ones) might be found at almost any time of the year; S - Summer Resident, such species usually being found in much greater numbers during the migrations than in the summer proper; W - Winter Resident, similarly usually more common during migration; M-- Migrant, usually both spring and fall; F - Fall; G - Spring (for "green"); N - Nesting, which is not necessarily true of "Summer Residents" (examples of single nestings are sometimes given with the year in which they were observed); D - Dispersing, usually northward, after the nesting season, i.e., late summer and early fall; V - Visitor, i.e., likely to travel around more than a regular resident, and thus usually not staying through the whole season; Z - Irregular, unpredictable, not every year, i.e., variation from one year to another, while V refers to variation within a single year; O - once occurring, in the past, formerly but not necessarily at present. (Note: R means Rare, never Resident. Resident is implied in the symbols P, S, and W, except where these are modified by V. Thus WV means Winter Visitant).

Terms of geography: n and s - the north and south halves, very roughly, of the State of Iowa; e and w - the east and west halves (Note that "s,e" means the south half and the east half, i.e., 3/4 of the state, while "se" means the southeast quarter only); c - central, a very vague term; I - introduced from Eurasia (5 species); X - out of normal range, a straggler, accidental, (for "eXtension" of usual range). Note that the five geographical terms (n,e,s,w,c) are the only ones in lower case letters.

Summary of Abbreviations, in Alphabetical Order.

A - Abundant	I - Introduced	s - south
C - Common	M - Migrant	U - Uncommon
c - central	N - Nesting	V - Visitor
D - Dispersal, after nesting	n - north	W - Winter Resident
E - Extirpated	O - Once, formerly	w - west
e - east	P - Permanent Resident	X - eXtension of normal range
F - Fall	R - Rare	Z - Irregular
G - Spring, "Green"-time	S - Summer Resident	* - no substantiating specimen

CHECKLIST OF IOWA BIRDS

Compiled by Martin L. Grant and Pauline Sauer

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
Order GAVIIFORMES. Loons. 12.		
Family <u>Gaviidae. Loons. 12.1</u>		
1. Loon, Common	1. <i>Gavia immer</i> (Brünnich)	UM,ONn
2. " Arctic (Pacific)	3. " <i>arctica</i> (L.)	R6XW
3. " Red-throated	4. " <i>stellata</i> (P.)	R8XM
Order PODICIPEDIFORMES. Grebes. 13		
Family <u>Podicipedidae. Grebes. 13.1</u>		
4. Grebe, Red-necked (Hoelboell)	1. <i>Podiceps grisegena</i> (Bod.)	R(11)ZMW
5. " Horned	2. " <i>auritus</i> (L.)	UM,ON
6. " Eared	3. " <i>caspicus</i> (Hablizl)	UMwRe,ON
7. " Western	5. <i>Aechmophorus occidentalis</i> (Law.)	*R14XM
8. " Pied-billed	6. <i>Podilymbus podiceps</i> (L.)	CM,US
Order PELECANIFORMES. Full-webbed Swimmers. 15.		
Family <u>Pelecanidae. Pelicans. 15.2</u>		
9. Pelican, White	1. <i>Pelecanus erythrorhynchos</i> G.	UMwRe
10. " Brown	2. " <i>occidentalis</i> L.	R3X
Family <u>Phalacrocoracidae. Cormorants. 15.6</u>		
11. Cormorant, Double-crested	2. <i>Phalacrocorax auritus</i> (Lesson)	UM,RNse
Family <u>Anhingidae. Darters. 15.7</u>		
12. Anhinga (Water Turkey)	1. <i>Anhinga anhinga</i> (L.)	*R2:1904,1953,Xs
Family <u>Fregatidae. Frigate-birds. 15.8</u>		
13. Frigate-bird, Magnificent	1. <i>Fregata magnificens</i> Mathews	R5X
Order CICONIIFORMES. Herons and allies. 16.		
Family <u>Ardeidae. Herons. 16.1</u>		
14. Heron, Great Blue	2. <i>Ardea herodias</i> L.	CMS,RN
15. " Green	4. <i>Butorides virescens</i> (L.)	CS
16. " Little Blue	5. <i>Florida caerulea</i> (L.)	RZSV,UDse
17. Egret, Cattle	6. <i>Bubulcus ibis</i> L.	R1:1961,GX
18. " Common (American)	8. <i>Casmerodius albus</i> (L.)	UMD,RN
19. " Snowy	9. <i>Leucophoyx thula</i> (Molina)	RZMD
20. Heron, Black-crowned Night	12. <i>Nycticorax nycticorax</i> (L.)	US
21. " Yellow-crowned Night	13. <i>Nyctanassa violacea</i> (L.)	RS,ZSV
22. Bittern, Least	14. <i>Ixobrychus exilis</i> (G.)	UM,RS
23. " American	15. <i>Botaurus lentiginosus</i> (Rackett)	CM,US
Family <u>Ciconiidae. Storks. 16.5</u>		
24. Ibis, Wood	5. <i>Mycteria americana</i> L.	*R1:1931,D
Family <u>Threskiornithidae. Ibises. 16.6</u>		
25. Ibis, Glossy (Eastern)	1. <i>Plegadis falcinellus</i> (L.)	R2:1957,?,X
26. " White-faced	2. " <i>chihi</i> (V.)	R8X
27. Spoonbill, Roseate	6. <i>Ajaia ajaja</i> (L.)	*R1:1960,D
Order ANSERIFORMES. Ducks and allies. 17.		
Family <u>Anatidae. Ducks, Geese, Swans. 17.2</u>		
28. Swan, Whistling	3. <i>Olor columbianus</i> (Ord)	UM
29. " Trumpeter	4. " <i>buccinator</i> Richardson	E(ca 1900),ON

30. Goose, Canada	5. Branta canadensis (L.)	CM,ON
31. " White-fronted	10. Anser albifrons (Scopoli)	UM
32. " Snow	12. Chen hyperborea (Pallas)	AMwUe
33. " Blue	13. " caerulescens (L.)	AMwUe
34. Tree Duck, Fulvous Pond (Surface-feeding) Ducks	16. Dendrocygna bicolor (V.)	*R1:1931,X
35. Mallard	20. Anas platyrhynchos L.	AM,USW
36. Duck, Black	22. " rubripes Brewster	UMe,ON
37. Gadwall	24. " strepera L.	UM,RS
38. Pintail	25. " acuta L.	AM,RS
39. Teal, Green-winged	29. " carolinensis G.	CM,ON
40. " Blue-winged	31. " discors L.	AM,CS
41. " Cinnamon	32. " cyanoptera V.	R(20)XM
42. Widgeon, European	33. Mareca penelope (L.)	R2:1933,1961,XM
43. " American (Baldpate)	34. " americana (G.)	CM,RS
44. Shoveler	35. Spatula clypeata (L.)	AM,RS
45. Duck, Wood Sea (Diving) Ducks	36. Aix sponsa (L.)	CMS
46. Redhead	37. Aythya americana (Eyton)	CM,RSnw
47. Duck, Ring-necked	40. " collaris (Donovan)	CM,RSw
48. Canvasback	41. " valisineria (W.)	UM,RSnw
49. Scaup, Greater	42. " marila (L.)	R6XM
50. " Lesser	43. " affinis (Eyton)	AM,ON
51. Goldeneye, Common (Amer.)	45. Bucephala clangula (L.)	UMW
52. Bufflehead	47. " albeola (L.)	UM,ON
53. Oldsquaw	48. Clangula hyemalis (L.)	R26ZWV
54. Duck, Harlequin	49. Histrionicus histrionicus (L.)	R6XF
55. Eider, Common	52. Somateria mollissima (L.)	R1:1901,WV
56. " King	53. " spectabilis (L.)	R4WV
57. Scoter, White-winged	56. Melanittadeglandi (B.)	R23FMWV
58. " Surf	57. " perspicillata (L.)	R14X
59. " Common (Amer.)	58. Oidemia nigra (L.)	R(10)X
60. Duck, Ruddy	59. Oxyura jamaicensis (G.)	UM,RSnw
61. Merganser, Hooded	61. Lophodytes cucullatus (L.)	UM,RS
62. " Common (Amer.)	62. Mergus merganser L.	CM,UW,ON
63. " Red-breasted	63. " serrator L.	UM

Order FALCONIFORMES. Hawks and allies. 18.

Family Cathartidae. Vultures. 18.1

64. Vulture, Turkey	1. Cathartes aurea (L.)	US
65. " Black	2. Coragyps atratus (Be.)	R3XF

Family Accipitridae. Hawks. 18.4

66. Kite, Swallow-tailed	2. Elanoides forficatus (L.)	R25X,OCS
67. " Mississippi	3. Ictinia mississippiensis (W.)	E(1890),OR5X
68. Goshawk	5. Accipiter gentilis (L.)	RZWV
69. Hawk, Sharp-shinned	6. " striatus V.	CM,US,RW
70. " Cooper's	7. " cooperii (B.)	CM,UP
71. " Red-tailed	8. Buteo jamaicensis (G.)	AP
72. " Harlan's	9. " harlani (A.)	UM
73. " Red-shouldered	10. " lineatus (G.)	CP
74. " Broad-winged	11. " platypterus (V.)	CM,RP
75. " Swainson's	12. " swainsoni B.	UMS
76. " Rough-legged	16. " lagopus (P.)	CW
77. " Ferruginous	17. " regalis (Gray)	R25ZM
78. " Harris'	19. Parabuteo unicinctus (Temminck)	*R1:1904,X

- 79. Eagle, Golden 21. *Aquila chrysaetos* (L.) UXMW
- 80. " Bald 23. *Haliaeetus leucocephalus* (L.) UMW,ON(-1892)
- 81. Hawk, Marsh 25. *Circus cyaneus* (L.) CM,UP

Family Pandionidae. Ospreys. 18.5

- 82. Osprey (Fish Hawk) 1. *Pandion haliaetus* (L.) UM

Family Falconidae. Falcons. 18.6

- 83. Gyrfalcon 3. *Falco rusticolus* L. *R1:1949,WV
- 84. Falcon, Prairie 4. " *mexicanus* Schlegel RXMWV
- 85. " Peregrine (Duck Hawk) 5. " *peregrinus* Tunstall RZM,Sne
- 86. Hawk, Pigeon 7. " *columbarius* L. UM
- 87. " Sparrow 9. " *sparverius* L. CM,UP

Order GALLIFORMES. Upland Game Birds. 19

Family Tetraonidae. Grouse. 19.4

- 88. Grouse, Ruffed 3. *Bonasa umbellus* (L.) UPne
- 89. Prairie Chicken, Greater 7. *Tympanuchus cupido* (L.) RZWWnw,OP
- 90. Grouse, Sharp-tailed 9. *Pedioecetes phasianellus* (L.) E(1934),ORW

Family Phasianidae. Quails, Pheasants. 19.5

- 91. Bobwhite 1. *Colinus virginianus* (L.) CP, Rn
- 92. Pheasant, Ring-necked 7. *Phasianus colchicus* L. IAP
- 93. Partridge, Gray (Hungarian) 9. *Perdix perdix* (L.) IUPn

Family Meleagrididae. Turkeys. 19.7

- 94. Turkey 1. *Meleagris gallopavo* L. OE(1910),IPne

Order GRUIFORMES. Cranes, Rails. 20.

Family Gruidae. Cranes. 20.4

- 95. Crane, Whooping 1. *Grus americana* (L.) E(1911),OUS
- 96. " Sandhill 2. " *canadensis* (L.) RZM, OUS

Family Rallidae. Rails. 20.7

- 97. Rail, King 1. *Rallus elegans* A. UMS
- 98. " Virginia 4. " *limicola* V. UM,RS
- 99. Sora 7. *Porzana carolina* (L.) CM,US
- 100. Rail, Yellow 8. *Coturnicops noveboracensis* (G.) RMS
- 101. " Black 9. *Laterallus jamaicensis* (G.) *R1ZM
- 102. Gallinule, Common (Florida) 12. *Gallinula chloropus* (L.) UM,RS
- 103. Coot, American 14. *Fulica americana* G. AM,US

Order CHARADRIIFORMES. Shore-birds. 22.

Family Charadriidae. Plovers. 22.3

- 104. Plover, Semipalmated 3. *Charadrius semipalmatus* B. UM
- 105. " Piping 4. " *melodus* Ord. RMSw
- 106. Killdeer 8. " *vociferus* L. CSR
- 107. Plover, American Golden 12. *Pluvialis dominica* (M.) UM
- 108. " Black-bellied 13. *Squatarola squatarola* (L.) UM
- 109. Turnstone, Ruddy 15. *Arenaria interpres* (L.) RM

Family Scolopacidae. Sandpipers. 22.4

- 110. Woodcock, American 1. *Philohela minor* (G.) UMS
- 111. Snipe, Common (Wilson's) 3. *Capella gallinago* (L.) CM,RP
- 112. Curlew, Long-billed 5. *Numenius americanus* Be. E(1932),OCSn
- 113. Whimbrel (Hudsonian Curlew) 7. " *phaeopus* (L.) R4ZM
- 114. Curlew, Eskimo 9. " *borealis* (F.) E(1893),OR8M
- 115. Upland Plover 10. *Bartramia longicauda* (Be.) US
- 116. Sandpiper, Spotted 11. *Actitis macularia* (L.) CS
- 117. " Solitary 12. *Tringa solitaria* W. CM

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| 118. Willet | 16. Cataptrophorus semipalmatus (G.) | RM,ON |
| 119. Yellowlegs, Greater | 17. Totanus melanoleucus (G.) | CM |
| 120. " Lesser | 18. " flavipes (G.) | CM |
| 121. Knot | 20. Calidris canutis L. | RI:1937, XF |
| 122. Sandpiper, Purple | 22. Erolia maritima (Brünnich) | *R2:1946, ?, XM |
| 123. " Pectoral | 25. " melanotos (V.) | AM |
| 124. " White-rumped | 26. " fuscicollis (V.) | UM |
| 125. " Baird's | 27. " bairdii (Coues) | UM |
| 126. " Least | 28. " minutilla (V.) | CM |
| 127. Dunlin (Red-backed Sandp.) | 32. " alpina (L.) | RM |
| 128. Dowitcher, Short-billed | 33. Limnodromus griseus (G.) | RM |
| 129. " Long-billed | 34. " scolopaceus (Say) | UM |
| 130. Sandpiper, Stilt | 35. Micropalama himantopus (B.) | RM |
| 131. " Semipalmated | 36. Ereunetes pusillus (L.) | CM |
| 132. " Western | 37. " mauri Cabanis | RM |
| 133. " Buff-breasted | 38. Tryngites subruficollis (V.) | RI,OM |
| 134. Godwit, Marbled | 39. Limosa fedoa (L.) | RZM,ON |
| 135. " Hudsonian | 41. " haemastica (L.) | UM |
| 136. Ruff | 43. Philomachus pugnax (L.) | RI:1940, XG |
| 137. Sanderling | 44. Crothecia alba (Pallas) | RZM |
| Family <u>Recurvirostridae</u> . Avocets, Stilts. 22.5 | | |
| 138. Avocet, American | 1. Recurvirostra americana G. | RZM,ON |
| 139. Stilt, Black-necked | 2. Himantopus mexicanus (M.) | *R(10)XM |
| Family <u>Phalaropodidae</u> . Phalaropes. 22.7 | | |
| 140. Phalarope, Red | 1. Phalaropus fulicarius (L.) | *RI:1940, MG |
| 141. " Wilson's | 2. Steganopus tricolor V. | UM, OSn |
| 142. " Northern | 3. Lobipes lobatus (L.) | R(10)M |
| Family <u>Stercorariidae</u> . Jaegers. 22.13 | | |
| 143. Jaeger, Parasitic | 2. Stercorarius parasiticus (L.) | R2:1896, 1905, X |
| 144. " Long-tailed | 3. " longicaudus V. | RI:1907, X |
| Family <u>Laridae</u> . Gulls, Terns. 22.14 | | |
| 145. Gull, Glaucous | 1. Larus hyperboreus Gunnerus | R3X |
| 146. " Herring | 8. " argentatus P. | CM, RWV |
| 147. " Ring-billed | 10. " delawarensis Ord | CM |
| 148. " Laughing | 14. " atricilla L. | *RI:1941, XG |
| 149. " Franklin's | 15. " pipixcan Wagler | MCwUe, RNNw |
| 150. " Bonaparte's | 16. " philadelphia (Ord) | UM |
| 151. Kittiwake, Black-legged (Atl.) | 20. Rissa tridactyla (L.) | RI:1931, XF |
| 152. Gull, Sabine's | 23. Xema sabini (Sabine) | R3:1891, 94, ?, XF |
| 153. Tern, Forster's | 26. Sterna forsteri N. | CM, RNNw |
| 154. " Common | 27. " hirundo L. | UM |
| 155. " Least | 33. " albifrons Pallas | USs |
| 156. " Caspian | 37. Hydropogne caspia (Pallas) | RZM |
| 157. " Black | 38. Chlidonias niger (L.) | CM, CSn |
| Family <u>Alcidae</u> . Auks, Murres. 22.16 | | |
| 158. Murre, Thick-billed (Brun.) | 9. Uria lomvia (L.) | R2:1896, 1897, X |
| Order COLUMBIFORMES. Doves. 23. | | |
| Family <u>Columbidae</u> . Pigeons, Doves. 23.3 | | |
| 159. Dove, Rock (Domestic Pigeon) | 5. Columbia livia G. | AP, but R wild |
| 160. " Mourning | 8. Zenaidura macroura (L.) | ASR, UW |
| 161. Pigeon, Passenger | 9. Ectopistes migratorius (L.) | E(1903), OAM, CS |

Order PSITTACIFORMES. Parrots. 24.

Family Psittacidae. Parrots. 24.2

162. Parakeet, Carolina (Louisia.) 1. *Comuropsis carolinensis* (L.) E(1872)

Order CUCULIFORMES. 25.

Family Cuculidae. Cuckoos. 25.2

163. Cuckoo, Yellow-billed 3. *Coccyzus americanus* (L.) CS
 164. " Black-billed 4. " *erythrophthalmus* (W.) CS
 165. Ani, Groove-billed 7. *Crotophaga sulcirostris* S. RL:cal940,X

Order STRIGIFORMES. Owls. 26.

Family Tytonidae. Barn Owls. 26.1

166. Owl, Barn 1. *Tyto alba* (Scopoli) RP

Family Strigidae. Owls. 26.2

167. Owl, Screech 1. *Otus asio* (L.) CP
 168. "" Great Horned 4. *Bubo virginianus* (G.) CP
 169. " Snowy 5. *Nyctea scandiaca* (L.) RZW
 170. " Burrowing 10. *Speotyto cunicularia* (Molina) RZSnw
 171. " Barred 11. *Strix varia* Barton CP
 172. " Great Gray 13. " *nebulosa* F. *R7W
 173. " Long-eared 14. *Asio otus* (L.) UW,RP
 174. " Short-eared 15. " *flammeus* (P.) UW,RS
 175. " Saw-whet 17. *Aegolius acadicus* (G.) RZW

Order CAPRIMULGIFORMES. Goatsuckers. 27.

Family Caprimulgidae. Goatsuckers. 27.5

176. Chuck-will's-widow 1. *Caprimulgus carolinensis* G. *R1:1933,Xse
 177. Whip-poor-will 2. " *vociferus* W. USs,ne
 178. Poor-will (Nuttall's) 3. *Phalaenoptilus nuttallii* (A.) *R3Sw
 179. Nighthawk, Common 5. *Chordeiles minor* (F.) CS

Order APODIFORMES. Small-footed Birds. 28.

Family Apodidae. Swifts. 28.1

180. Swift, Chimney 1. *Chaetura pelagica* (L.) AS

Family Trochilidae. Hummingbirds. 28.3

181. Hummingbird, Ruby-throated 3. *Archilochus colubris* (L.) US

Order CORACIIFORMES. Kingfishers. 31.

Family Alcedinidae. Kingfishers. 31.1

182. Kingfisher, Belted 1. *Megaceryle alcyon* (L.) CS,JW

Order PICIFORMES. Woodpeckers. 31.

Family Picidae. Woodpeckers. 32.6

183. Flicker, Yellow-shafted 2. *Colaptes auratus* (L.) AS,JW
 184. " Red-shafted 3. " *cafer* (G.) RZMW
 185. Woodpecker, Pileated 5. *Dryocopus pileatus* (L.) UPe
 186. " Red-bellied 6. *Centurus carolinus* (L.) CP
 187. " Red-headed 9. *Melanerpes erythrocephalus* (L.) AS,PR
 188. " Lewis' 11. *Asyndesmus lewis* (Gray) *R2:1928,1935,Xnw
 189. Sapsucker, Yellow-bellied 12. *Sphyrapicus varius* (L.) CM,RN,RWs
 190. Woodpecker, Hairy 14. *Dendrocopos villosus* (L.) CP
 191. " Downy 15. " *pubescens* (L.) AP
 192. " Black-backed three-toed 21. *Picoides arcticus* (S.) *R2:1885,1924,W

Order PASSERIFORMES. Perching-birds. 33.

Family Tyrannidae. Flycatchers. 33.9

193. Kingbird, Eastern	1. Tyrannus tyrannus (L.)	AS
194. " Western	4. " verticalis Say	USw,RSVe
195. Flycatcher, Scissor-tailed	7. Muscivora forficata (G.)	*R3:1946-58,SV
196. " Great Crested	10. Myiarchus crinitus (L.)	CS
197. Phoebe, Eastern	15. Sayornis phoebe (Lat.)	CS
198. " Say's	17. " saya (B.)	*E(cal910),OR3Sw
199. Flycatcher, Yellow-bellied	18. Empidonax flaviventris (B. & B.)	UM
200. " Acadian	19. " virescens (V.)	USs,e
201. " Traill's(Alder)	20. " trailii (A.)	AM,US
202. " Least	21. " minimus (B. & B.)	AM,US
203. Wood Pewee, Eastern	28. Contopus virens (L.)	CS
204. Flycatcher, Olive-sided	30. Nuttallornis borealis (S.)	UM

Family Alaudidae. Larks. 33.17

205. Lark, Horned	2. Eremophila alpestris (L.)	AM,CS,UWV
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Family Hirundinidae. Swallows. 33.19

206. Swallow, Tree	3. Iridoprocne bicolor (V.)	CM,US
207. " Bank	4. Riparia riparia (L.)	CS
208. " Rough-winged	5. Stelgidopteryx ruficollis (V.)	CS
209. " Barn	7. Hirundo rustica L.	CS
210. " Cliff	8. Petrochelidon pyrrhonota (V.)	UM,ZS
211. Martin, Purple	11. Progne subis (L.)	CS

Family Corvidae. Jays, Crows, and allies. 33.23

212. Jay, Blue	2. Cyanocitta cristata (L.)	AS,CW
213. Magpie, Black-billed (Amer.)	8. Pica pica (L.)	UZMWWw;R2:1938-9,Sne
214. Raven, Common (American)	10. Corvus corax L.	R9XMn
215. Crow, Common	12. " brachyrhynchus Brehm	AP
216. Nutcracker, Clark's	19. Nucifraga columbiana (W.)	R3:1894,1910,?,XF

Family Paridae. Titmice. 33.26

217. Chickadee, Black-capped	1. Parus atricapillus L.	AP
218. " Carolina	2. " carolinensis A.	R2MWW
219. Titmouse, Tufted	8. " bicolor L.	CP

Family Sittidae. Nuthatches. 33.27

220. Nuthatch, White-breasted	1. Sitta carolinensis Lat.	AP
221. " Red-breasted	2. " canadensis L.	UMW;R1:1958,Sc
222. " Brown-headed	3. " pusilla Lat.	R1:1893,Xse

Family Certhiidae. Creepers. 33.29

223. Creeper, Brown	1. Certhia familiaris L.	CM,UW,RN
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Family Cinclidae. Dippers. 33.33

224. Dipper	1. Cinclus mexicanus S.	R1:1895,Xw
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Family Troglodytidae. Wrens. 33.34

225. Wren, House	1. Troglodytes aedon V.	AS
226. " Winter	3. " troglodytes (L.)	UmWVeRw
227. " Bewick's	4. Thryomanes bewickii (A.)	US
228. " Carolina	5. Thryothorus ludovicianus (Lat.)	UPsRn
229. " Long-billed Marsh	7. Telmatodytes palustris (W.)	CM,US
230. " Short-billed Marsh	8. Cistothorus platensis (Lat.)	US
231. " Rock	10. Salpinctes obsoletus (Say)	*R12Sw

Family Mimidae. Mimics. 33.25

232. Mockingbird	1. <i>Mimus polyglottos</i> (L.)	*USsRXn
233. Catbird	2. <i>Dumetella carolinensis</i> (L.)	CSR
234. Thrasher, Brown	3. <i>Toxostoma rufum</i> (L.)	ASRW
235. " Sage	11. <i>Oreoscoptes montanus</i> (T.)	*R1:1952,XWc

Family Turdidae. Thrushes. 33.36

236. Robin	3. <i>Turdus migratorius</i> L.	AS,RW
237. Thrush, Varied	6. <i>Ixoreus naevius</i> (G.)	*R1XW
238. " Wood	7. <i>Hylocichla mustelina</i> (G.)	CS,Rnw
239. " Hermit	8. " <i>guttata</i> (Pallas)	MCEUw
240. " Swainson's (Olive-b.)	9. " <i>ustulata</i> (N.)	CM
241. " Gray-cheeked	10. " <i>minima</i> (Lafresnaye)	CM
242. Veery (Willow Thrush)	11. " <i>fuscescens</i> (Stephens)	UM,RS
243. Bluebird, Eastern	12. <i>Sialia sialis</i> (L.)	CS,RWs
244. " Mountain	14. " <i>currucoides</i> (Be.)	R1:cal940,X
245. Solitaire, Townsend's	18. <i>Myadestes townsendi</i> (A.)	*R6XW

Family Sylviidae. Kinglets, Gnatcatchers. 33.39

246. Gnatcatcher, Blue-gray	4. <i>Polioptila caerulea</i> (L.)	USs,e,w
247. Kinglet, Golden-crowned	6. <i>Regulus satrapa</i> Lichtenstein	CM,UW
248. " Ruby-crowned	7. " <i>calendula</i> (L.)	AM,RW

Family Motacillidae. Pipits. 33.42

249. Pipit, Water (American)	3. <i>Anthus spinoletta</i> (L.)	UM
250. " Sprague's	7. " <i>spragueii</i> (A.)	*R(10)Mw

Family Bombacillidae. Waxwings. 33.44

251. Waxwing, Bohemian	1. <i>Bombycilla garrula</i> (L.)	RZWVn
252. " Cedar	2. " <i>cedrorum</i> V.	CZP,UZN

Family Laniidae. Shrikes. 33.49

253. Shrike, Northern	1. <i>Lanius excubitor</i> L.	RZWV
254. " Loggerhead	2. " <i>ludovicianus</i> L.	CS,RWs

Family Sturnidae. Starlings. 33.54

255. Starling	1. <i>Sturnus vulgaris</i> L.	IAP
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Family Vireonidae. Vireos. 33.60

256. Vireo, White-eyed	2. <i>Vireo griseus</i> (Bod.)	USs
257. " Bell's	4. " <i>bellii</i> A.	CS,Rnc
258. " Yellow-throated	6. " <i>flavifrons</i> V.	UMS
259. " Solitary (Blue-headed)	7. " <i>solitarius</i> (W.)	CM
260. " Red-eyed	10. " <i>olivaceus</i> (L.)	AS
261. " Philadelphia	11. " <i>philadelphicus</i> (Cassin)	RM
262. " Warbling	12. " <i>gilvus</i> (V.)	AS

Family Parulidae. Warblers. 33.63

263. Warbler, Black-and-white	1. <i>Mniotilta varia</i> (L.)	CM,ON
264. " Prothonotary	2. <i>Protonotaria citrea</i> (Bod.)	USseRw
265. " Swainson's	3. <i>Limnithlypis swainsonii</i> (A.)	*R1:XGe
266. " Worm-eating	4. <i>Helmitheros vermivorus</i> (G.)	R3OSs
267. " Golden-winged	5. <i>Vermivora chrysoptera</i> (L.)	RMe,ON
268. " Blue-winged	6. " <i>pinus</i> (L.)	RSe,s
269. " Tennessee	8. " <i>peregrina</i> (W.)	AM
270. " Orange-crowned	9. " <i>celata</i> (Say)	UM
271. " Nashville	10. " <i>ruficapilla</i> (W.)	CM
272. " Parula	14. <i>Parula americana</i> (L.)	RM,Se

273. Warbler, Yellow	18. Dendroica petechia (L.)	AS
274. " Magnolia	19. " magnolia (W.)	CMeUw
275. " Cape May	20. " tigrina (G.)	RM
276. " Black-thrtd. Blue	21. " caerulescens (G.)	RMe
277. " Myrtle	22. " coronata (L.)	AM
278. " Audubon's	23. " auduboni (T.)	*R1:1934,XG
279. " Black-thrtd. Gray	24. " nigrescens (T.)	*R1:1961,Xw
280. " Townsend's	25. " townsendi (T.)	*R1:1950,XG
281. " Black-thrtd. Green	26. " virens (G.)	UMeRw
282. " Cerulean	29. " cerulea (W.)	RS
283. " Blackburnian	30. " fusca (M.)	UMeRw
284. " Yellow-thr.(Sycam.)	31. " dominica (L.)	*R15Sse
285. " Chestnut-sided	33. " pensylvanica (L.)	CMeUw,ON
286. " Bay-breasted	34. " castanea (W.)	RM
287. " Blackpoll	35. " striata (F.)	CM
288. " Pine	36. " pinus (W.)	RM
289. " Prairie	38. " discolor (V.)	R8X(ON)s*Eggs
290. " Palm	39. " palmarum (G.)	CMe,c
291. Ovenbird	40. Seiurus aurocapillus (L.)	CS,Rnw
292. Waterthrush, Northern (Grin.)	41. " noveboracensis (G.)	AM
293. " Louisiana	42. " motacilla (V.)	UM,Se
294. Warbler, Kentucky	43. Oporornis formosus (W.)	RSS,e
295. " Connecticut	44. " agilis (W.)	RMe,s
296. " Mourning	45. " philadelphia (W.)	UM
297. Yellowthroat	47. Geothlypis trichas (L.)	AS
298. Chat, Yellow-breasted	50. Icteria virens (L.)	RS
299. Warbler, Hooded	53. Wilsonia citrina (Bod.)	RM(OS)se*Nest
300. " Wilson's	54. " pusilla (W.)	CMeUw
301. " Canada	55. " canadensis (L.)	UMeRw
302. Redstart, American	56. Setophaga ruticilla (L.)	AM,CS

Family Ploceidae. Weaver Finches. 33.64

303. Sparrow, House (English)	1. Passer domesticus (L.)	IAP
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Family Icteridae. Blackbirds and allies. 33.65

304. Bobolink	1. Dolichonyx oryzivorus (L.)	CS,Us
305. Meadowlark, Eastern	2. Sturnella magna (L.)	ASeUswRnw,RwnUs
306. " Western	3. " neglecta A.	AS,RwnUs
307. Blackbird, Yellow-headed	4. Xanthocephalus xanthocephalus(B.)	CS,Re
308. " Redwinged	5. Agelaius phoeniceus (L.)	AS,RWs
309. Oriole, Orchard	8. Icterus spurius (L.)	US
310. " Baltimore	14. " galbula (L.)	AS
311. Blackbird, Rusty	16. Euphagus carolinus (M.)	CM,RW
312. " Brewer's	17. " cyanocephalus (Wagler)	UMwRe
313. Grackle, Boat-tailed	18. Cassidix mexicanus (G.)	*R1:1961,XFse
314. " Common(Purp.,Bronz.)	19. Quiscalus quiscula (L.)	AS,RW
315. Cowbird, Brown-headed	20. Molothrus ater (Bod.)	CS

Family Thraupidae. Tanagers. 33.67

316. Tanager, Scarlet	2. Piranga olivacea (G.)	US
317. " Summer	4. " rubra (L.)	RSs

Family Fringillidae. Sparrows, Finches. 33.69

318. Cardinal	1. <i>Richmondia cardinalis</i> (L.)	AP
319. Grosbeak, Rose-breasted	3. <i>Pheucticus ludovicianus</i> (L.)	CS
320. " Blue	5. <i>Guiraca caerulea</i> (L.)	USw,RXe
321. Bunting, Indigo	6. <i>Passerina cyanea</i> (L.)	CS
322. " Lazuli	7. " <i>amoena</i> (Say)	*R8Xw
323. " Painted	9. " <i>ciris</i> (L.)	*R1:1956,XGnw
324. Dickcissel	12. <i>Spiza americana</i> (G.)	AS
325. Grosbeak, Evening	15. <i>Hesperiphona vespertina</i> (Cooper)	RZWW
326. Finch, Purple	17. <i>Carpodacus purpureus</i> (G.)	CM,UMV,ON1:1907
327. Grosbeak, Pine	23. <i>Pinicola enucleator</i> (L.)	RZWWn
328. Rosy Finch, Gray-crowned	24. <i>Leucosticte tephrocotis</i> (S.)	*R1:1883,X
329. Redpoll, Common	29. <i>Acanthis flammea</i> (L.)	UZWW
330. Siskin, Pine	30. <i>Spinus pinus</i> (W.)	UZWW,RNnw
331. Goldfinch, American	31. " <i>tristis</i> (L.)	CS,UW
332. Crossbill, Red	34. <i>Loxia curvirostra</i> L.	RZWW
333. " White-winged	35. " <i>leucoptera</i> G.	RZWW
334. Towhee, Rufous-sided (Red-e.)	38. <i>Pipilio erythrophthalmus</i> (L.)	CS,RW
335. Bunting, Lark	41. <i>Calamospiza melanocorys</i> Stejn.	*R18ZMnw
336. Sparrow, Savannah	43. <i>Passerculus sandwichensis</i> (G.)	CM,USn
337. " Grasshopper	44. <i>Ammodramus savannarum</i> (G.)	CSwUe
338. " Baird's	45. " <i>bairdii</i> (A.)	*RM
339. " Le Conte's	46. <i>Passerherbulus caudacutus</i> (Lat.)	UM
340. " Henslow's	47. " <i>henslowii</i> (A.)	RMS
341. " Sharp-tailed (Nels.)	48. <i>Ammospiza caudata</i> (G.)	RM
342. " Vesper	52. <i>Poocetes gramineus</i> (G.)	CS
343. " Lark	53. <i>Chondestes grammacus</i> (Say)	US
344. Junco, Slate-colored	62. <i>Junco hyemalis</i> (L.)	AW
345. " Oregon (Montana)	63. " <i>oreganus</i> (T.)	RWV
346. Sparrow, Tree	68. <i>Spizella arborea</i> (W.)	AW
347. " Chipping	69. " <i>passerina</i> (Be.)	CS
348. " Clay-colored	70. " <i>pallida</i> (S.)	UMw,Re,RN
349. " Field	72. " <i>pusilla</i> (W.)	CS
350. " Harris'	75. <i>Zonotrichia querula</i> (N.)	CMwUeRW
351. " White-crowned	76. " <i>leucophrys</i> (F.)	UM,RW
352. " White-throated	78. " <i>albicollis</i> (G.)	AM,RW
353. " Fox	79. <i>Passerella iliaca</i> (Merrem)	CM,RW
354. " Lincoln's	80. <i>Melospiza lincolni</i> (A.)	CM,RWV
355. " Swamp	81. " <i>georgiana</i> (Lat.)	CM,RS,RW
356. " Song	82. " <i>melodia</i> W.	AS,UW
357. Longspur, McCown's	83. <i>Rhynchophanes mccownii</i> (Law.)	E(1890), OR3M
358. " Lapland	84. <i>Calcarius lapponicus</i> (L.)	UWV
359. " Smith's	85. " <i>pictus</i> (S.)	R6XM
360. " Chestnut-collared	86. " <i>ornatus</i> (T.)	*E(1932)OR(10)MWV
361. Bunting, Snow	87. <i>Plectrophenax nivalis</i> (L.)	RZWW