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COLORADO BIRD DISTRIBUTION LATILONG STUDY



PHOTO BY LEONARD LEE RUE III

MAP OF COLORADO



108°

107°

106°

105°

104°

103°

38°

39°

40°

COLORADO BIRD DISTRIBUTION
LATILONG STUDY

BY
THE COLORADO DIVISION OF WILDLIFE
(In Cooperation With The Colorado Field Ornithologists)

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INTRODUCTION

This report synthesizes the contributions of over 300 field ornithologists, and summarizes the present knowledge of distribution, abundance, and habitat preferences of the birds of Colorado. It presents the information on a regional basis, using a plotting system based on latitudes and longitudes--"latilong" blocks. Using this guide, the reader may determine the status of a particular species in a given latilong block, as well as its relative abundance and the habitats in which it can be expected to occur.

The latilong plotting system follows the method used by Skaar¹ to report Montana bird distribution. Latitudes and longitudes divide Colorado into 28 blocks roughly 50 X 70 miles. (See the master map on the inside of the front cover; for more accuracy, consult an official Colorado highway map issued by the State Highway Department). Thus, on the attached species sheets, the dashes correspond to the latilong blocks and represent a map of Colorado.

For three basic reasons, this system differs from traditional ways of presenting distributional information. First, the system allows for the presentation of much detailed information in a small amount of space. Second, it allows for conformity on a national and international basis. For instance, the U.S. breeding bird roadside census, the international breeding bird plot census and all banding data are based on a latitude-longitude coordinate system. Third, the coordinate system lends itself to computerization; it permits efficient storage, retrieval, and amendment of the information.

The arbitrary nature of the latilong boundaries, like state boundaries, does create some unexpected effects. For example, latilong 4 includes Boulder, Longmont, and Fort Collins, a myriad of reservoirs and farm ponds, much irrigated farmland, short-grass prairie, the Rawhide power plant reservoir, and mountain habitats from pinon pine near Fort Collins to alpine tundra along the Continental Divide. This block ranges from 4,860 feet on the Poudre River to 14,256 feet at the summit of Longs Peak. Thus to plot the actual distribution of species within a single latilong block, the user must combine habitat data cited here with actual habitats within the block.

For this reason, the Breeding Bird Atlas, now underway, promises to refine our knowledge of the breeding birds of Colorado. Like the Latilong system, the Atlas will present information in conformity with a nationally-used scheme--the scale and data codes used by atlases in other states. Furthermore, the data will fit into the existing latilong scheme. At this time Atlas data is preliminary, so that this edition includes only a handful of records from Atlas field work.

¹Skaar, P.D. 1975. Montana Bird Distribution. Published by the author, Bozeman, MT.

RESULTS

We list herein 427 species that have been recorded in Colorado within the past 22 years (since the 1965 publication of Bailey and Niedrach's seminal work, "Birds of Colorado"). This edition includes records through December 31, 1987, plus three 1988 new breeding species in Colorado (Little Blue Heron, Least and Great Crested Flycatcher) and one new species for the state (Ruffed Grouse) documented by a 1988 specimen. The following 15 species, (which complete recorded state list of 442 species), were recorded before 1965 and are not included in the species maps which follow..

Brown Pelican	Eskimo Curlew	Alder Flycatcher
Anhinga	Long-tailed Jaeger	Dusky-capped Flycatcher
Reddish Egret	Ivory Gull	Long-billed Thrasher
Roseate Spoonbill	Ancient Murrelet	Lucy's Warbler
Wood Stork	Barred Owl	Cerulean Warbler

Observers who find these species, or any others not listed in the main section, should document them with copious detail on the form provided in Appendix III.

We stress that the information in the species listings includes only data actually submitted--we made no assumptions. (For species marked with an asterisk, only records approved by the Colorado Field Ornithologists Official Records Committee (CFO) are included. This also applies to certain species for which CFO has only recently dropped its documentation requirement, and to some other species out of their normal range or difficulty to identify. At the time of this edition, CFO had reviewed records submitted to it through December 31, 1986.) Using only actual data has resulted in some inconsistent distributional patterns. For instance, we may have documentation that a particular species is a year-round resident in several latilong blocks, but in adjacent blocks have documentation of breeding only. Some such differences may simply represent gaps in our knowledge, although others may be real and based on habitat difference. Therefore use data for a given species cautiously, and employ all data including, especially, habitat limitations.

Each edition of this publication serves as a springboard for gathering more complete and refined information in the future. This continuing project relies directly on the additions and corrections we continue to receive. Consequently we encourage all persons doing field work on Colorado birds to submit new information. Appendix I provides a form for reporting new information on latilong status, abundance, and habitat preference for one species. Use the Appendix II form if you have several changes which do not require extra documentation. For rare species (those with an asterisk, those not listed, those out of season, or those out of range) use Appendix III.

The third edition of the "Latilong Study" has incorporated 1,760 changes in status and habitat. We stress that we need much more documentation of habitat preferences, as well as better distributional information. Data on common or uncommon species can be as valuable, or even more valuable, as that on rare species. Please send data which you gather, using the appropriate form(s), to: Colorado Bird Atlas, c/o Zoological Collections, Denver Museum of Natural History, City Park, Denver, CO 80205.

ACKNOWLEDGMENTS

We express special thanks to all those who contributed time, thought, and effort in submitting records and helping to put together this document. Contributors have used special diligence and care in reporting data. The first edition listed all the contributors, but the second did not, partly because of the large number and partly because we might accidentally omit someone. Essentially, almost every active bird watcher in Colorado has contributed to this study. Contributors now number at least 300, and the Editors of all three editions acknowledge each contributor with appreciation.

We add our special thanks to Patty Frede, for her extra attention and patience with the editor and for her high caliber word processing expertise.

The Colorado Division of Wildlife has supported this edition with a grant, manuscript preparation, and printing. Copies of the worksheets which form the data background for this edition are on file with the Division, the Denver Museum of Natural History (Library), and the Colorado Bird Atlas Partnership.

REQUEST FOR DATA

In keeping with the cooperative nature of this publication, the Division and CFO issue this Request for Data.

Please report observations of the following:

- If you obtain photographs or a specimen.

* - Any observation -- use the Appendix III form.

Acc - If you observe in any designated "Accidental" latilong. If the species has no # or *, use the Appendix I or II form.

Blank - If a latilong is blank, and the species has no * or #, use the Appendix I or II form.

Please send to Colorado Bird Atlas, c/o Zoology Department, Denver Museum of Natural History, 2001 Colorado Blvd., Denver, CO 80205.

THE FORMAT

The format uses several codes in order to report the information. There follows an explanation of the Status codes, the Habitat listings, and the Abundance factors. Additionally, for your convenience the status and abundance symbols are given on each species page.

STATUS

In each latilong block the symbols listed below are used to indicate a species' status. The categories override each other in the order given. For example, if a species both breeds in and migrates through a given latilong block, it would be listed as B for that block.

- R - Resident (Breeds and present year-round).
- N - Non-breeder present year-round, or a year-round resident whose breeding has not been documented.
- B - Breeding (Definite evidence of nesting, i.e. nests or flightless young observed).
- b - Very likely breeding (Based on the observer's opinion. For example, birds observed regularly in suitable nesting habitat during the nesting season).
- n - Non-breeder, but present during the nesting season.
- W - Winter visitor (Present during most or all of the period from December 16-February 28).
- M - Migrant (Definition from O.W. Pettingill¹ - any movement between two areas).
(In any latilong which has less than four records - listed marginally as "Acc" - i.e. Accidental)

An example may help clarify the system. If we have reports of Mountain Bluebirds nesting in South Park (Block 11); migrating in Greeley, Denver, the Black Forest, and Pueblo (Blocks, 5, 12, 19); and wintering around Cortez, Durango, and Trinidad (Blocks 22, 23, 26), and two records from Bonny dam, the map would look like this:

Acc. in 14	<u>---</u> <u>B</u> <u>M</u> <u>M</u> <u>---</u> <u>B</u> <u>M</u> <u>M</u> <u>W</u> <u>W</u> <u>---</u> <u>W</u> <u>---</u>	(We left a space down the middle of the state to help orient you to the map.)
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¹Pettingill, Olin Sewall, Jr. 1970. Ornithology in Laboratory and Field, Fourth edition. Burgess Publishing Co., Minneapolis, MN. p. 267.

KEY TO SYMBOLS

- # - Species recorded in the state only on the basis of sight records. C.F.O. Records Committee solicits photographs and substantiating data.
- * - Species for which Colorado has no more than ten records. Please document using the form in Appendix III.
- Acc - "Accidental" in the specified Latilong(s). These are species with fewer than four records in a Latilong.

ABUNDANCE

This aspect of biology, a somewhat subjective problem, we originally intended to disregard. To a degree, the extent of distribution will indicate the relative abundance of a species. However, whereas the Horned Lark and Mountain Plover show similar distributions on the eastern plains, their relative abundance differs markedly. We used the following terms in attempting to record abundance values.

- Ab - Abundant: Breeding - at least 1 per acre, e.g. Horned Lark, Lark Bunting, Brewer's Sparrows, and in many areas Red-winged Blackbirds. Migration and Winter - counts of 25 per day usual.
- C - Common: Breeding - at least 1 per 5 acres, e.g. Meadowlark, Western Grebes in marshes. Migration and Winter - counts of 10 per day usual.
- FC - Fairly Common: Breeding - less than 1 per 5 acres, but can usually find in appropriate habitat in any one day. Migration and Wintering - one or more per field trip.
- U - Unusual: See no more than 5 during the season in a given latilong.
- R - Rare: Fewer than 10 records in a latilong.
- Und - Undetermined: Not enough information to classify.
- Irr - Irregular: Abundant at times; extremely scarce at other times.
- Acc - Accidental or straggler (1-3 records in a latilong block). If a species has this designation, it may just indicate that we have too few data to classify it under one of the other status categories.

HABITAT

Clarifying Description

Code	Name	Dominant Vegetation Type	Some Associated Plants
<u>A</u> - Alpine			
T	Tundra		
AT	Alpine Transition	KRUMMHOLZ EVERGREEN	
<u>CF</u> - Coniferous Forest			
Lm	Limber Pine	LIMBER PINE	whitebark pine, whiproot clover, common juniper
SF	Spruce-Fir	ENGELMANN SPRUCE SUBALPINE FIR	heartleaf arnica, twinflor, grouse whortleberry, buffaloberry
LP	Lodgepole Pine	LOGGEPOLE PINE	kinnikinnick, common juniper, buffaloberry, Rocky Mtn. & grouse whortleberry
Bc	Bristlecone Pine	BRISTLECONE PINE	whiproot clover, blue-joint reedgrass
PP	Ponderosa Pine	PONDEROSA PINE	Rocky Mtn. & common juniper, antelope bitterbrush, mtn. mahogany, Arizona, Idaho & spike fescue, common snowberry, side-oats grama
DF	Douglas-fir	DOUGLAS-FIR	mtn. mahogany, mtn. & common snowberry, cliff jamesia, Idaho fescue
PJ	Pinyon-Juniper	PINYON PINE UTAH JUNIPER	blue grama, big sagebrush, gambel oak, mtn. mahogany, antelope bitterbrush, western & bluebunch wheatgrass

Clarifying Description

Code	Name	Dominant Vegetation Type	Some Associated Plants
<u>GL</u> - Grasslands			
SgP	Shortgrass-Prairie	BLUE GRAMA-BUFFALOGRASS	western wheatgrass, sun sedge (as on Pawnee Nat'l Grassland)
CG	Cholla Cactus Grassland	CHOLLA CACTUS BLUE GRAMA	galleta, red threeawn, ring muhly, needle and thread grass, yucca (as in northcentral and southcentral Pueblo County)
SgSD	Shortgrass-Semi-Desert	GRAMA-GALLETA	sand bluestem, little bluestem, big sagebrush, loco, fourwing saltbush, side-oats grama, hairy grama
MXP	Mixed grasses of habitat alteration areas on Plains (plantings & intro)	CRESTED WHEATGRASS THISTLE	side-oats grama, little bluestem
TgP	Tallgrass Plains	LITTLE BLUESTEM-SANDSAGE	switchgrass (as on Yuma Sandhills)
SgM	Shortgrass-Mountains	ARIZONA FESCUE MOUNTAIN MUHLY	rubber rabbitbrush, horsebrush (as in San Luis Valley and South Park)
SS	Sand Sage Prairie	SAND SAGEBRUSH-YUCCA	blue grama, buffalo grass, side-oats grama, red threeawn (as on Comanche Nat'l Grassland in Baca County)
MmP	Mountain Meadow-Parkland (wet & dry)	TUFTED HAIRGRASS	alpine timothy, Parry oatgrass, sedge sp.

Clarifying Description

Code	Name	Dominant Vegetation Type	Some Associated Plants
<u>S</u> - Shrublands			
SaRb	Sagebrush-Rabbitbrush (of shrub steppe)	BIG SAGEBRUSH RABBITBRUSH	
DS	Greasewood-Sagebrush or Greasewood-Four- wing Saltbush	GREASEWOOD-BIG SAGEBRUSH GREASEWOOD-FOURWING SALTBRUSH	(as in San Luis Valley)
Sa	Sagebrush (of Mtn. shrubs)	BIG SAGEBRUSH	antelope bitterbrush, needle and thread grass, Idaho & Thurber fescue, Indian ricegrass
Sc	Scrub Oak (of Mtn. shrubs)	GAMBEL OAK	mtn. mahogany, snowberry, Utah and Saskatoon serviceberry
MM	Mountain Mahogany (of Mtn. shrubs)	MOUNTAIN MAHOGANY	bluebunch wheatgrass, needle and thread grass, skunkbush, Idaho fescue
<u>R</u> - Deciduous Forest			
As	Aspen	ASPEN	mtn. snowberry, silvery lupine, Kentucky bluegrass, Thurber fescue
RpL	Riparian Lowland (including edges of lakes)	PLAINS COTTONWOOD WILLOW-TAMARISK	snowberry, buffaloberry, wild-rye, sedges (below 6,000 ft.)
RpT	Riparian Transition	NARROWLEAF COTTONWOOD WILLOW-ALDER	Douglas-fir, timothy, sedge sp., blue spruce, (6,000 to 9,000 ft.)
RpH	Riparian Highland	WILLOW-ALDER	marsh marigold, tufted hairgrass, cinquefoil (above 9,000 ft.)

Clarifying Description

Code	Name	Dominant Vegetation Type	Some Associated Plants
<u>AQ</u> - Aquatic			
Ms	Marshes, bogs, wet hummocks	CATTAIL-BULRUSH	may be found in conjunction with lake or reservoir (specify)
W/OG	Wet open ground	ALKALI FLATS, MUD FLATS, GRAVEL BEDS	(specify)
Ri	Open Water-Streams and Rivers		
L	Open Water-Lakes or Reservoirs		
Miscellaneous			
Ag	Agricultural Areas	ORCHARDS, SHELTER BELTS, DWELLINGS, TREE FARMS	(specify)
Cr	Croplands	ANNUAL CROPS	wheat, corn, milo, etc.
U	Urban	CITIES, TOWNS (including parks within cities)	
O	Other	BRIDGES, CAVES, ATTICS, CLIFFS, BANKS, SAND DUNES, TALUS SLOPES	(specify)

A LATILONG GAZETEER

We have noted that records from some locations which lie close to a latilong boundary may have been reported from an incorrect Latilong. Part of this stems from gathering information for the 1978 edition, in which the latitudes and longitudes were not shown precisely. In any event, the list below identifies latilongs for a few of these sometimes misplaced locations.

Antero Res.	18	Harts Basin Res.	15
Baseline Res. (mostly)	4	Kinney Lake	20
Boulder (split by Baseline Rd)	4/11	Russell Lakes S.W.A.	24
Brush Hollow Res.	18	Rye	26
Denver (split by I-25)	11/12	Sweitzer Lake	16
Flagler State Wildlife Area	14		

Red-throated Loon*

Gavia stellata

Acc. in 7

All records Oct. - Dec.

--- M
 --- M

Habitat: Breeding Migr. Winter
 L

Abundance: R

Pacific Loon

Gavia pacifica

Most records Sept.-Dec.

Acc. in 7, 14, 15, 16, 17, 19, 22, 24

--- M M M M
 --- M M M
 M M M M
 M M M M

Habitat: Breeding Migr. Winter
 L

Abundance: R

Common Loon

Gavia immer

Acc. in 20, 21, 26

M M n M M M
 M M M M M M M
 M M M M M M M
 M M M M M M

Habitat: Breeding Migr. Winter
 L

Abundance: U

Yellow-billed Loon*#

Gavia adamsii

Acc. in 11, 19

--- M
 --- M

Habitat: Breeding Migr. Winter
 L

Abundance: R

Pied-billed Grebe

Podilymbus podiceps

Acc. in 13

B B B B B b B
 R R R R R M b
 B B B N R b b
 B N B b B b M

Habitat: Breeding Migr. Winter
 Ms,L Ms,L Ms,L

Abundance: FC FC U

Horned Grebe

Podiceps auritus

M M W M M M
 M M M M W M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 Ms,L

Abundance: FC-C

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Red-necked Grebe*

Podiceps grisegena

Acc. in 18, 19, 21, 25

-- -- M M --
 -- -- M M --
 -- -- M M M
 -- -- M -- --

Habitat: Breeding Migr. Winter
 L

Abundance: R

Eared Grebe

Podiceps nigricollis

B M B b B M M
 M b B B b b M
 B n B B B b b
 B M B B B M

Habitat: Breeding Migr. Winter
 Ms,L Ms,L

Abundance: FC C-Ab

Western Grebe

Aechmophorus occidentalis

n M B R B n M
 n M M n B n M
 M B M B B B n
 n n b B B M M

Habitat: Breeding Migr. Winter
 Ms,L L,Ri,Ms L

Abundance: FC FC-Ab R

Clark's Grebe

Aechmophorus clarkii

Acc. in 7, 9, 10, 12, 18,
 19, 21

 b B M
 M M M M M
 M B M B B M
 -- B b -- --

Habitat: Breeding Migr. Winter
 L, Ms L

Abundance: U U

American White Pelican

Pelecanus erythrorhynchos

Acc. in 2, 8, 9, 22, 26

M M M n B M M
 M M n M n M
 M M n M M n M
 M M n M M M M

Habitat: Breeding Migr. Winter
 L Ms,L

Ab, (one place)
 Abundance: R-Ab

Double-crested Cormorant

Phalacrocorax auritus

Acc. in 2, 9, 10, 16, 22, 23

M M M B B B B
 M M M B B b
 M M M B b B n
 M M M M n M M

Habitat: Breeding Migr. Winter
 L,Ri,RpL L

Abundance: FC FC-Ab

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Olivaceous Cormorant*#
Phalacrocorax olivaceus

Acc. in 7, 12, 15

----- M
 M -----

Habitat: Breeding Migr. Winter
 L,RpL

Abundance: R

Magnificent Frigatebird*
Fregata magnificens

Acc: Same bird in both
 latilongs

--- M M ---

Habitat: Breeding Migr. Winter

Abundance: _____

American Bittern
Botaurus lentiginosus

Acc. in 7, 15

b B b B B b M
 M b b b b b b
 M B b b b B b
 b b B B M M M

Habitat: Breeding Migr. Winter
 Ms Ms

Abundance: U U

Least Bittern
Ixobrychus exilis

Acc. in 3, 6, 8, 11, 14,
 19, 24, 25

--- M B b M
 M --- M M
 --- M ---
 --- M M ---

Habitat: Breeding Migr. Winter
 Ms Ms

Abundance: R R

Great Blue Heron
Ardea herodias

B B B R R R B
 R B B R R M R
 R R B b R R b
 R R R R b W B

Habitat: Breeding Migr. Winter
 Aq,RpL Aq,RpL Aq,RpL

Abundance: FC FC U

Great Egret
Casmerodius albus

Acc. in 3, 6, 9, 14, 15
 16, 17, 18, 26

--- M B B M M
 M M n n M
 M M M M M M M
 --- M M M ---

Habitat: Breeding Migr. Winter
 RpL Aq,RpL

Abundance: R R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Snowy Egret
Egretta thula
 Acc. in 9

M	n	B	b	B	b	M
B	M	M	b	B	b	M
b	b	b	M	M	B	M
M	M	B	B	B	M	M

Habitat: Breeding Migr. Winter
 Ms,RpL Aq
 Abundance: U-FC FC

Little Blue Heron
Egretta caerulea
 Acc. in 1, 6, 8, 10, 11, 15,
 18, 21, 25, 28

M		M	M	M		
M		M	M	M		
M		M	M	M	M	M
		B	M			M

Habitat: Breeding Migr. Winter
 Aq, RpL
 Abundance: R R

Tricolored Heron
Egretta tricolor
 Acc. in 4, 5, 12, 19, 20

			M	M		
				M		
				M	M	

Habitat: Breeding Migr. Winter
 Aq,RpL
 Abundance: R

Cattle Egret
Bubulcus ibis
 Acc. in 1, 2, 6, 9, 10, 21,
 22, 23, 27, 28

M	M	M	n	B	M	M
M	M	M	M	B		M
M	M	M	M	M	M	M
M	M	B			M	M

Habitat: Breeding Migr. Winter
 Ms,RpL Ms,Ri,L,
 Cr
 Abundance: U U

Green-backed Heron
Butorides striatus
 Acc. in 1, 2, 3, 8, 15, 16,
 22, 23, 26
 23: one wintered, 1976

M	M	M	n	M	M	B
M			M	M		b
M	M	M	M	b	B	b
M	W	M	M	M	M	M

Habitat: Breeding Migr. Winter
 RpL,Ms Ms,RpL, RpL,Ri
 RpT,L,Ri
 Abundance: R,U-plains R R

Black-crowned Night-Heron
Nycticorax nycticorax

B	B	B	B	B	b	B
B	B	B	R	B		M
B	B	B	B	B	B	b
B	b	B	B	B	B	M

Habitat: Breeding Migr. Winter
 Aq,RpL Aq,RpL
 Abundance: FC FC

STATUS
 R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Yellow-crowned Night-Heron

Nycticorax violaceus

Acc. in 4, 11, 19, 20,
21, 28

--- M --- M
--- M B --- M
--- M M M
--- M

Habitat: Breeding Migr. Winter
Aq,RpL Aq,RpL

Abundance: R R

White Ibis*

Eudocimus albus

Acc. in 21

--- ---
--- --- M
--- ---

Habitat: Breeding Migr. Winter

Abundance: R

Glossy Ibis*#

Acc. In 16

--- ---
--- M ---
--- ---

Habitat: Breeding Migr. Winter

Abundance: R

White-faced Ibis

Plegadis chihi

Acc. in 13

M M M b B M M
M M M M M M M
M M b M M M M
M M B B M M M

Habitat: Breeding Migr. Winter
Ms Aq,Ag

Abundance: U U-C

Black-bellied Whistling-Duck*#

Dendrocygna autumnalis

Acc. in 11
Record is possible escape

--- M ---
--- ---
--- ---

Habitat: Breeding Migr. Winter
L, 1 record only

Abundance: Und

Tundra Swan

Cygnus columbianus

Acc. in 9, 15, 17, 18, 21,
22, 28

M M M M M M M
M M M M M M M
M M M M M M M

Habitat: Breeding Migr. Winter
L, Ms

Abundance: U

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Trumpeter Swan*</u>			Breeding	Migr.	Winter
<u>Cygnus buccinator</u>				L	
Acc. in 11, 12, 18, 20	M - - M M - - - - - M - M - - - - - - - - - -				
			Abundance:	R	
<u>Greater White-fronted Goose</u>			Breeding	Migr.	Winter
<u>Anser albifrons</u>				L,Ms,Cr	L,Cr
Acc. in 9, 15, 16, 21, 25	M - - W M M M W M - W M - M W M - - M M M - - M M - M M				
			Abundance:	R-U	R
<u>Snow Goose</u>			Breeding	Migr.	Winter
<u>Chen caerulescens</u>				L,Ms,Cr	L,Cr
Acc. in 16, 17	M M M W M M M W M M W W - M - M M M M W W M M M M M W W				
			Abundance:	Ab-SE Colo U-Rest of State	U-SE Colo R-Rest of State
<u>Ross' Goose</u>			Breeding	Migr.	Winter
<u>Chen rossii</u>				L,RI,RpL, Cr	L
Acc. in 6, 14, 15, 16, 17, 20, 23, 25, 28	- - - M M M W - - M M M M M M - M M M - M M - - M				
			Abundance:	R	R
<u>Brant*</u>			Breeding	Migr.	Winter
<u>Branta bernicla</u>				L	
Acc. in 4, 12	- - - M - - - - M - - - - - - - - - - - - - - - -				
			Abundance:	R	
<u>Canada Goose</u>			Breeding	Migr.	Winter
<u>Branta canadensis</u>				Aq,RpL, MXP	Aq,Cr, RpL,MXP U
	R R B R R R R R R R R R W R R R B B W W W R M R R W N W				
			Abundance:	C-Ab	C-Ab Ab

STATUS

R-Resident (breeds)
N-Nonbreeder (resident)
B-Definite breeder
b-Likely breeder
n-Non-breeder (summer)
W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Wood Duck
Aix sponsa
 Acc. in 1, 3, 9, 15, 16, 17,
 18, 21, 25, 28

M b M R B B b
 R M B R R B
 M M M M B M M
 M M M M M M

Habitat: Breeding Migr. Winter
 Ri,L,RpL Aq,RpL L
 Abundance: U-R U-R R

Green-winged Teal
Anas crecca

R R B R R R R
 R R B N R R
 B R R B R M W
 b R R R b M W

Habitat: Breeding Migr. Winter
 Aq Aq Aq
 Abundance: FC Ab FC

American Black Duck
Anas rubripes

-- M M M --
 -- M M M --
 -- -- M --
 -- -- -- --

Habitat: Breeding Migr. Winter
 L
 Abundance: --- R

Mallard
Anas platyrhynchos

R R R R R R R
 R R R R R B R
 R R R R R R R
 R R R R R R R

Habitat: Breeding Migr. Winter
 Aq,Cr,R Aq,Cr Aq,Cr
 Abundance: C Ab C-Ab

Northern Pintail
Anas acuta

R b B R R R R
 W B M R R B B
 W M R b R R b
 W B R R b M W

Habitat: Breeding Migr. Winter
 Aq Aq Aq
 Abundance: FC Ab C

Blue-winged Teal
Anas discors

B B B B B B B
 M B B B B M B
 n b b b B B b
 M M B B B b B

Habitat: Breeding Migr. Winter
 Aq Aq
 Abundance: FC Ab

STATUS

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- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Cinnamon Teal
Anas cyanoptera
 Acc. in 13, 21

B B B B b B b
 B B B B B M b
 B B b b B b M
 b B B B b B M

Habitat: Breeding Migr. Winter
 Aq, W/OG Aq, W/OG
 Abundance: FC R-C

Northern Shoveler
Anas clypeata

R M B R b b b
 N M M R R M W
 M n b b b R M
 M M B B B M b

Habitat: Breeding Migr. Winter
 Aq Aq L
 Abundance: U Ab U

Gadwall
Anas strepera

R b B R B R R
 M b M R R b b
 M B R b R R b
 M B R R b M M

Habitat: Breeding Migr. Winter
 Aq Aq Aq
 Abundance: FC Ab FC

Eurasian Wigeon#
Anas penelope

--- M M ---
 --- M M ---
 M --- M ---
 --- M M ---

Acc. in 4, 11, 12, 15, 19,
 24, 26

Habitat: Breeding Migr. Winter
 L
 Abundance: R

American Wigeon
Anas americana

R B B R R b W
 W b R R R M M
 M n b M R R M
 M B R B b M b

Habitat: Breeding Migr. Winter
 Aq Aq L
 Abundance: C Ab FC

Canvasback
Aythya valisineria

B M B b b M M
 W M M W N M M
 W M M M M M n
 M M B B B M M

Acc. in 10

Habitat: Breeding Migr. Winter
 Ms, L L L
 Abundance: R C R

STATUS

- R-Resident (breeds)
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- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Redhead
Aythya americana
 R b B R B b b
 W M M R R M M
 M M B M B R b
 B B B B B M M

Habitat: Breeding Migr. Winter
 L, Ms L, Ms L

Abundance: FC-C Ab U-FC

Ring-necked Duck
Aythya collaris
 R b B R M M M
 N R B R W M
 R b B M M M M
 M R M M M M M

Habitat: Breeding Migr. Winter
 L, Ms, RpT L, Ms L

Abundance: R FC-C U

Greater Scaup
Aythya marila
 M M M M M M
 M M M M M M
 M M M M M M

Acc. in 5, 6, 8, 23, 24,
 25, 26

Habitat: Breeding Migr. Winter
 L

Abundance: R

Lesser Scaup
Aythya affinis
 b M B R M M M
 W R M W W M M
 W M M M M W M
 M M B b b M M

Habitat: Breeding Migr. Winter
 L L L

Abundance: R Ab U

Harlequin Duck*
Histrionicus histrionicus
 M M M M M M
 M M M M M M
 M M M M M M

Acc. in 12

Habitat: Breeding Migr. Winter
 L

Abundance: R

Oldsquaw
Clangula hyemalis
 M M M M M M
 M M M M M M
 M M M M M M
 M M M M M M

Acc. in 1, 3, 6, 7, 8, 9,
 14, 15, 18, 20, 21, 23, 26

Habitat: Breeding Migr. Winter
 L, Ri

Abundance: R

STATUS

- R-Resident (breeds)
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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
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- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Black Scoter
Melanitta nigra
 Acc. in 6, 8, 16
 Fall records only

M	-	-	M	M	-
-	M	-	-	-	-
-	-	-	-	-	-

Habitat: Breeding Migr. Winter
 L

Abundance: _____ R _____

Surf Scoter
Melanitta perspicillata
 Acc. in 6, 8, 16, 19,
 20, 23

M	-	-	M	M	-
-	M	-	-	M	-
-	M	-	-	-	-

Habitat: Breeding Migr. Winter
 L

Abundance: _____ R _____

White-winged Scoter
Melanitta fusca
 Acc. in 1, 7, 8, 9, 15,
 16, 22, 23, 25, 26

M	-	-	M	M	M
M	M	-	M	M	-
M	M	-	-	M	-
M	M	M	M	M	-

Habitat: Breeding Migr. Winter
 L

Abundance: _____ R _____

Common Goldeneye
Bucephala clangula

W	W	W	W	W	W	M
W	W	W	W	W	-	W
W	W	M	W	W	W	W
M	W	M	W	W	W	W

Habitat: Breeding Migr. Winter
 Aq L,Ri

Abundance: _____ C _____ C _____

Barrow's Goldeneye
Bucephala islandica
 Acc. in 1, 2, 6, 12, 16, 17,
 28

M	M	B	W	M	-
W	W	W	W	W	-
M	M	M	M	W	-
-	-	-	-	W	M

Habitat: Breeding Migr. Winter
 L,CF L,Ri L,Ri

Abundance: R _____ U _____ R _____

Bufflehead
Bucephala albeola
 Acc. in 13

W	M	M	W	W	W	M
W	M	M	W	W	M	W
W	M	M	M	W	M	W
M	W	M	M	M	M	W

Habitat: Breeding Migr. Winter
 L,Ri L,Ri

Abundance: _____ C _____ U _____

STATUS

- R-Resident (breeds)
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- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Hooded Merganser
Lophodytes cucullatus

W B W W W b
W M W W M
W M M M W W W
W M M W W

Habitat: Breeding Migr. Winter
Ms,RpL L,Ri L,Ri

Abundance: R U R-U

Common Merganser
Mergus merganser

B R R R W W W
R R R R W W
R R R W W W W
b R R M b W W

Habitat: Breeding Migr. Winter
Aq,RpL Aq Aq

Abundance: FC C C

Red-breasted Merganser
Mergus serrator

W M M M
M M W W M
M M W M
M M M M

Habitat: Breeding Migr. Winter
Aq Aq Aq

Acc. in 9, 20

Abundance: C R

Ruddy Duck
Oxyura jamaicensis

B M B B B b b
M b M B B M B
M n B M B B b
B B B B b M M

Habitat: Breeding Migr. Winter
Ms,L Aq

Acc. in 13

Abundance: FC C-Ab

Turkey Vulture
Cathartes aura

B B B B b M M
B B B B B M B
B b b b B B b
B B b B B B B

Habitat: Breeding Migr. Winter
RpL,RpT, All
cliffs

Abundance: FC FC

Osprey
Pandion haliaetus

B B B B M M M
M M b M M B
b M b M M M M
M B M b M M

Habitat: Breeding Migr. Winter
R,L,Ri L,Ri,RpL,
RpT

Acc. in 9

Abundance: U U

STATUS

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- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

American Swallow-tailed Kite*#
Elanoides forficatus

Acc. in 11, 14

--- M --- M
 --- M --- M

Habitat: Breeding Migr. Winter

Abundance: _____

Mississippi Kite
Ictinia mississippiensis

Acc. in 4, 5, 6, 7, 11,
 13, 14

--- M M M M
 --- M M M
 --- B B B
 --- B B

Habitat: Breeding Migr. Winter
 RpL,Ag,U RpL,U

Abundance: locally
 FC R

Bald Eagle
Haliaeetus leucocephalus

R R R R R W W
 W R W W R W W
 W W W W W W W
 R R W W W W W

Habitat: Breeding Migr. Winter
 RpT R,Ri,L R,L,Ri,
 Sa,U,Ag,
 cliffs

Abundance: R U FC

Northern Harrier
Circus cyaneus

R R B R R R R
 R R M R R B R
 R R R R R R R
 R R R R R R R

Habitat: Breeding Migr. Winter
 GL,Ms,DS, All S,GL,R,
 Cr except CF Aq,Ag,Cr

Abundance: FC FC FC

Sharp-shinned Hawk
Accipiter striatus

Acc. in 13

R b R R B W M
 R R R R R M M
 R R R R R M W
 R R B R B B b

Habitat: Breeding Migr. Winter
 CF,R,Sa,U R,CF,Ag, U,Ag,RpL,
 U PP,Sc

Abundance: U U-FC U

Cooper's Hawk
Accipiter cooperii

Acc. in 13

B B B R B W M
 R R B R B M M
 R R R R R M
 R R R R B B b

Habitat: Breeding Migr. Winter
 CF,MmP,U, U,Ag,CF,R Ag,U,Sc,
 RpL,RpT, RpL,RpT
 As,Sc

Abundance: U U U

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Northern Goshawk <u>Accipiter gentilis</u>	R R R R W W W R R B R R B W R R B B R M R R B R R M	Habitat: Breeding Migr. Winter CF CF,R CF,R,As, U,SaRb
Acc. in 7, 21, 28		Abundance: U U U
Common Black-Hawk#* <u>Buteogallus anthracinus</u>	--- M --- --- --- --- --- --- ---	Habitat: Breeding Migr. Winter Rpl
Acc. in 11		Abundance: R
Red-shouldered Hawk <u>Buteo lineatus</u>	--- M M M M --- M M M --- M --- ---	Habitat: Breeding Migr. Winter Rpl,U
Acc. in 4, 5, 7, 11, 12, 14, 19		Abundance: R
Broad-winged Hawk <u>Buteo platypterus</u>	--- B M M M --- M M M M --- M M M M --- M M M	Habitat: Breeding Migr. Winter U, Rpl,Ag,U 1 record
Acc. in 5, 13, 17, 20, 21, 27		Abundance: R R
Swainson's Hawk <u>Buteo swainsoni</u>	B M B B B B B	Habitat: Breeding Migr. Winter GL,Ag,Rpl, R,S,A,GL, RpT,DS Ag
		Abundance: FC FC
Red-tailed Hawk <u>Buteo jamaicensis</u>	R R	Habitat: Breeding Migr. Winter CF,Ag,R,As All Ag,R,U
		Abundance: FC FC FC

STATUS

R-Resident (breeds)
N-Nonbreeder (resident)
B-Definite breeder
b-Likely breeder
n-Non-breeder (summer)
W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Ferruginous Hawk
Buteo regalis
 Acc. in 16, 22

B B B N R R B
 R B M B R R R
 N M M B R R R
 M W R B B R R

Habitat: Breeding Migr. Winter
 SgP, Ag, MmP GL, DS, Ag GL, Ag, RpL,
 RpT

Abundance: FC U U

Rough-legged Hawk
Buteo lagopus

W W W W W W W
 W W W W W W W
 W W W W W W W
 W W W W W W W

Habitat: Breeding Migr. Winter
 GL, Ag, S

Abundance: C

Golden Eagle
Aquila chrysaetos

R R R R R R R
 R R R R R R R
 R R R R R R R
 R R R R R R R

Habitat: Breeding Migr. Winter
 GL, PJ, PP, All All
 R, Ag, S,
 cliffs

Abundance: FC FC FC

American Kestrel
Falco sparverius

R R B R R R R
 R R B R R B R
 R B R R R R R
 R R R R B R R

Habitat: Breeding Migr. Winter
 Ag, RpL, S, Ag, R, S, GL, Ag, RpL,
 SgP, U, PP, GL, U S, U
 PJ, CG

Abundance: FC FC-Ab FC

Merlin
Falco columbarius

M M W W W W
 W M M W W W
 M W W W W W M
 W W W W W W

Habitat: Breeding Migr. Winter
 GL, RpL GL, Ms, S,
 R, Ag, U

Abundance: U U

Peregrine Falcon
Falco peregrinus

B b b B M M M
 R B b B B M
 B B B B B M
 B B R b B M M

Habitat: Breeding Migr. Winter
 cliffs, CF, GL, R, S, Aq R, Ms, GL, Sa
 RpT, RpH

Abundance: R R R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Gyr Falcon*
Falco rusticolus
 --- M M ---
 --- M ---
 --- M ---
 --- --- ---
 All records Dec. to Mar.

Habitat: Breeding Migr. Winter
 SgP, Ag
 Abundance: R

Prairie Falcon
Falco mexicanus
 R R R R R R R
 R R R R R R R
 R R R R R R R
 R R R R R R R

Habitat: Breeding Migr. Winter
 cliffs, R, GL, S, Ag, SgP, MmP,
 CF, GL, S, Cr, A DS, Cr
 A
 Abundance: U FC FC

Chukar
Alectoris chukar
 R M ---
 R R b M M ---
 R R R R ---
 R --- R ---
 (Introduced)
 Acc. in 4, 11, 12

Habitat: Breeding Migr. Winter
 MmP, DS, Cr, MmP, DS, Cr,
 PJ, SgSD, Ag,
 SaRb, barren
 barren ground ground
 Abundance: U FC U

Ring-necked Pheasant
Phasianus colchicus
 R R b R R R R
 R R R R R R R
 R R R R R R R
 R R R R R R R
 (Introduced)

Habitat: Breeding Migr. Winter
 Ag, Cr, RPL Ag, Cr, RPL
 Ms
 Abundance: FC FC

Blue Grouse
Dendragapus obscurus
 R R R R M ---
 R R R R R ---
 R R R R R b ---
 Acc. in 12

Habitat: Breeding Migr. Winter
 CF (except SF, DF, PP,
 PJ), AT, Sc, LP
 MM, MmP, RpT,
 As
 Abundance: FC FC

White-tailed Ptarmigan
Lagopus leucurus
 R R R ---
 R R R ---
 R R R ---
 R R R ---

Habitat: Breeding Migr. Winter
 A AT
 Abundance: FC FC

STATUS
 R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

<u>Ruffed Grouse*</u> <u>Bonasa umbellus</u>	M	---	---	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
Acc. in 1		---	---			Df, Rpt	
		---	---	Abundance:	Und		
<u>Sage Grouse</u> <u>Centrocercus urophasianus</u>	R	R	R	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	R	R	R		Sa		Sa
	R	R	R	Abundance:	FC		
	R			Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
					TgP		TgP, Cr
<u>Greater Prairie-Chicken</u> <u>Tympanuchus cupido</u>				Abundance:	FC		
			R	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
			R		TgP		TgP, Cr
				Abundance:	FC		
<u>Lesser Prairie-Chicken</u> <u>Tympanuchus pallidicinctus</u>				Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
					TgP, SS		TgP, SS
			R	Abundance:	FC		
			R	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
					TgP, SS		TgP, SS
				Abundance:	FC		
<u>Sharp-tailed Grouse</u> <u>Tympanuchus phasianellus</u>		R	R	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	R				Sa, Sc, MmP,	SgP	Sa, Sc, MmP
Acc. in 7	R	R	R		PP, LP, Ag		
	R			Abundance:	U		
						R, 1 record	U
<u>Wild Turkey</u> <u>Meleagris gallopavo</u>			R	Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	R	R	M		PP, PJ, Ag,		Ag, PP, PJ,
Acc. in 7, 10	R	R	R		MM, Sc		MM, Sc
	R	R	R	Abundance:	U-FC		
	R	R	R				U-FC

STATUS

R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Northern Bobwhite
Colinus virginianus

	R	R	R	R	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Ag,RpL Ag,RpL
	---	R	R	R	
	---	R	R	R	
	---	R	R	R	
	---	R	R	R	

Abundance: FC FC

Scaled Quail
Callipepla squamata

		M			Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> SgSD,CG, Ag,RpL, SS,DS RpT,DS,SS, CG,SgSD
	---	B	---	---	
Acc. in 5, 23	B	R	R	R	
	b	R	R	R	
	b	R	R	R	

Abundance: FC FC

Gambel's Quail
Callipepla gambelii

	R	R			Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> MM,Sa,DS, MM,Sa,DS, SgP,Cr, Cr,SgP, barren barren areas areas
	R	R	---	---	
	R	R	---	---	
	R	---	---	---	

Abundance: FC FC

Yellow Rail*
Coturnicops noveboracensis

					Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u>
	---	---	---	---	
Acc. in 21	---	---	---	M	
	---	---	---	---	

Abundance: _____

Black Rail*
Laterallus jamaicensis

		M			Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Ms,
	---	---	---	---	
Acc. in 4, 20	---	---	---	M	
	---	---	---	---	

Abundance: _____ Und

King Rail*
Rallus elegans

		M			Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Ms,
	---	---	---	---	
Acc. in 5, 19	---	---	---	M	
	---	---	---	---	

Abundance: _____ Und

STATUS

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- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Virginia Rail</u>											
<u>Rallus limicola</u>	B	B	B	R	R	R	B	Habitat:	Breeding	Migr.	Winter
	R	B	B	R	R	B	R		Ms	Ms	Ms
	B	R	B	b	R	B	B				
	B	B	B	B	b	B	b				
								Abundance:	FC	C	R
<u>Sora</u>											
<u>Porzana carolina</u>	B	B	B	B	B	N	B	Habitat:	Breeding	Migr.	Winter
	B	B	B	B	B	B	B		Ms	Ms	
6: One wintering record	b	B	b	b	B	b	b				
	B	B	B	B	b	B	b				
								Abundance:	FC	C	
<u>Purple Gallinule*</u>											
<u>Porphyryla martinica</u>	-	-	-	-	-	-	-	Habitat:	Breeding	Migr.	Winter
	-	-	-	-	-	-	-			Ms,	
Acc. in 23	-	-	-	-	-	-	-			1 record	
	-	M	-	-	-	-	-			only	
	-	-	-	-	-	-	-				
								Abundance:		Und	
<u>Common Moorhen*#</u>											
<u>Gallinula chloropus</u>		M		M		M		Habitat:	Breeding	Migr.	Winter
	M									Ms,L	
Acc. in 2, 4, 6, 8											
								Abundance:		Und	
<u>American Coot</u>											
<u>Fulica americana</u>	B	B	B	R	R	B	B	Habitat:	Breeding	Migr.	Winter
	B	B	B	R	R	R	R		Ms	Ms,L	Ms,L
	B	B	B	b	R	R	B				
	B	R	B	B	B	b	M				
								Abundance:	Ab	Ab	FC
<u>Sandhill Crane</u>											
<u>Grus canadensis</u>	M	B	B	M	M	M	M	Habitat:	Breeding	Migr.	Winter
	M	M	M	M	M	M	M		MmP,Ms	Ri,Cr,Sa,	
	M	M	M	M	M	M	M			W/OG	
	-	M	M	M	M	M	M				
								Abundance:	R-U	U-Ab	

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Whooping Crane
Grus americana
 Acc. in 2, 3, 4, 5, 12,
 15, 18, 19
 Most records are birds from
 Grays Lake, Idaho population

	M	M	M	M		
	M			M		
	M	M		M		
			M	M		

Habitat: Breeding Migr. Winter
 Ms, Cr, Sa
 Abundance: R-U

Black-bellied Plover
Pluvialis squatarola
 Acc. in 1

M		M	M	M	M	M
M			M	M	M	M
M	M		M	M	M	M
		M	M	M	M	M

Habitat: Breeding Migr. Winter
 W/OG, L,
 Cr
 Abundance: R-U

Lesser Golden Plover
Pluvialis dominica
 Acc. in 6, 7, 8, 11, 13,
 14, 16, 19, 21, 24, 25
 Most records in the fall

			M	M	M	M
M			M	M	M	M
M	M			M	M	M
		M	M			

Habitat: Breeding Migr. Winter
 W/OG, L,
 Cr
 Abundance: R

Snowy Plover
Charadrius alexandrinus
 Acc. in 5, 7, 12, 17, 24
 25: No longer B-habitat gone

		M	M	M	M
M				M	M
M		M	B	M	B
		M	B	M	M

Habitat: Breeding Migr. Winter
 alkali W/OG, L
 flats
 R,
 Abundance: (C in 20) R

Semipalmated Plover
Charadrius semipalmatus
 Acc. in 10

M		M	M	M	M	M
M		M	M	M	M	M
M	M	M	M	M	M	M
M	M	M	M	M	M	M

Habitat: Breeding Migr. Winter
 W/OG, L
 Abundance: U-FC

Piping Plover
Charadrius melodus
 Acc. in 4, 11, 12, 14, 19,
 21

			M	M	M
			M	M	M
				M	M

Habitat: Breeding Migr. Winter
 W/OG, L
 Abundance: R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Killdeer
Charadrius vociferus R R B R R R R Habitat: Breeding Migr. Winter
 R B B R R B R GL,Cr,Aq,U GL,Cr,Aq, Aq,U
 R R R B R R B U
 B R B R B B B

Abundance: C C U-FC

Mountain Plover
Charadrius montanus b M B B B M Habitat: Breeding Migr. Winter
 M B B B B M SgP,MmP SgP,MmP,
 M B B B B Cr,W/OG,
 B M B B B L
 B B B

Abundance: R-FC R-Ab

Black-necked Stilt
Himantopus mexicanus M M B M B M Habitat: Breeding Migr. Winter
 M M M M M M alkali W/OG,Ms,
 M M M B B M flats, L
 M M B B M M M L,Ms

Abundance: U U

American Avocet
Recurvirostra americana B b B B B B b Habitat: Breeding Migr. Winter
 B M M B B B M L,Ms, W/OG,Ms,
 B M M B B B B alkali L
 M M B B B M M flats

Abundance: FC FC-Ab

Greater Yellowlegs
Tringa melanoleuca M M M M M M M Habitat: Breeding Migr. Winter
 M M M M M M M Ms,L,W/OG,
 M M M M M M M Ri
 M M M M M M M

Abundance: FC

Lesser Yellowlegs
Tringa flavipes M M n n M M M Habitat: Breeding Migr. Winter
 M M M M M M M L,Ri,Ms,
 M M M M M M M W/OG
 M M M M M M M

Abundance: FC-C

STATUS
 R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Solitary Sandpiper

Tringa solitaria

Acc. in 9

M M M M M M M
 M M M M M M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 Aq

Abundance: FC

Willet

Catoptrophorus semipalmatus

Acc. in 9

b b B b M M M
 M M M M M M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 Ms Ms,L,W/OG

Abundance: Und FC

Spotted Sandpiper

Actitis macularia

B B B B B B b
 B B B B B B B
 b B B B B B B
 B B B B B b B

Habitat: Breeding Migr. Winter
 Aq Aq

Abundance: FC FC

Upland Sandpiper

Bartramia longicauda

Acc. in 3, 4, 8, 11

M M B B B
 M M B
 M M M
 M M

Habitat: Breeding Migr. Winter
 TgP,SgP Cr,TgP,SgP

Abundance: R R

Whimbrel

Numenius phaeopus

Acc. in 7, 13, 20, 23

M M M M
 M M M
 M M M
 M

Habitat: Breeding Migr. Winter
 L,Ms,W/OG

Abundance: R

Long-billed Curlew

Numenius americanus

Acc. in 16

b M b b B B b
 B M M M M M M
 M M M M B B B
 M M M b B B B

Habitat: Breeding Migr. Winter
 SgP,Cr-wheat GL,Ms,L,W/OG

Abundance: R-U U

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Hudsonian Godwit</u> <u>Limosa haemastica</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
			M	M M M			L,W/OG	
Acc. in 4, 5, 6, 8, 12, 19, 20, 21	M			M				
			M	M M M				
					Abundance:		R	
<u>Marbled Godwit</u> <u>Limosa fedoa</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	M	M M		B M M			L,W/OG,	
Acc. in 9, 10, 14, 28	M M M M			M M			Ms	
5: One breeding record, 1984	M M M M			M M M				
					Abundance:		FC	
<u>Ruddy Turnstone</u> <u>Arenaria interpres</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	M		M	M M M			W/OG,L	
Acc. in 1, 5, 6, 7, 8, 9, 11, 13, 14, 19, 20, 26	M M			M M M				
				M M				
				M				
					Abundance:		R	
<u>Red Knot</u> <u>Calidris canutus</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
			M	M M M			L,W/OG	
Acc. in 5, 6, 7, 8, 14, 19, 21	M			M M				
				M M M				
					Abundance:		R	
<u>Sanderling</u> <u>Calidris alba</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
	M		M	M M M			W/OG,L,Ms	
Acc. in 8, 13	M M			M M M				
	M M			M M M				
		M M M		M M				
					Abundance:		U	
<u>Semipalmated Sandpiper</u> <u>Calidris pusilla</u>					Habitat:	<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
		M	M	M M M			L,Ms,W/OG	
Acc. in 2, 10, 13	M	M M		M M M				
	M M M M			M M M				
	M M M M			M M M				
					Abundance:		FC	

STATUS

R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Western Sandpiper
Calidris mauri M M M M M M M Habitat: Breeding Migr. Winter
 M M M M M M M L, Ms, Cr,
 Acc. in 10 M M M M M M M W/OG
 M M M M M M M

Abundance: _____ FC _____

Least Sandpiper
Calidris minutilla M M M M M M M Habitat: Breeding Migr. Winter
 M M M M M M M L, Ms, W/OG
 Acc. in 9 M M M M M M M
 M M M M M M M

Abundance: _____ C _____

White-rumped Sandpiper
Calidris fuscicollis M M M M M M Habitat: Breeding Migr. Winter
 M M M M M M L, W/OG
 Acc. in 8, 13, 16, 21 M M M M M M
 M M M M M M

Abundance: _____ R _____

Baird's Sandpiper
Calidris bairdii M M M M M M M Habitat: Breeding Migr. Winter
 M M M M M M M L, W/OG
 Acc. in 2 M M M M M M M
 M M M M M M M

Abundance: _____ FC-Ab _____

Pectoral Sandpiper
Calidris melanotos M M M M M Habitat: Breeding Migr. Winter
 M M M M M L, W/OG
 M M M M M M M
 M M M M M

Abundance: _____ U _____

Sharp-tailed Sandpiper*
Calidris acuminata M Habitat: Breeding Migr. Winter
 M L, W/OG
 Acc. in 4 M
 M
 M

Abundance: _____ R _____

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Dunlin
Calidris alpina
 Acc. in 4, 8, 11, 21,
 24, 25

M - - M M M M
 M - - M M - -
 M M - M M M M
 - - M M - - - -

Habitat: Breeding Migr. Winter
 L, Ms, W/OG
 Abundance: R

Stilt Sandpiper
Calidris himantopus
 Acc. in 15

M M - M M M M
 M - - M M M M
 M M - M M M M
 - M M - M M M

Habitat: Breeding Migr. Winter
 L, Ms, W/OG
 Abundance: U-FC

Buff-breasted Sandpiper
Tryngites subruficollis
 Acc. in 5, 6, 7, 12,
 14, 20, 21

- - - - - M M M
 - - - - - M - M
 - - - - - M M M
 - - - - - - - -

Habitat: Breeding Migr. Winter
 L, Cr, SgP,
 TgP, W/OG
 Abundance: R

Ruff*#
Philomachus pugnax
 Acc. in 5

- - - - - M - - -
 - - - - - - - -
 - - - - - - - -
 - - - - - - - -

Habitat: Breeding Migr. Winter
 W/OG, L,
 1 record
 Abundance: Und

Short-billed Dowitcher*
Limnodromus griseus
 Acc. in 6, 7, 11, 15, 16,
 18, 19, 20

- - - M M M M
 - - - M M - -
 M M - M M - -
 - - - - - - - -

Habitat: Breeding Migr. Winter
 L, Ms, W/OG,
 Cr
 Abundance: R

Long-billed Dowitcher
Limnodromus scolopaceus
 Acc. in 2, 10

M M M M M M M
 M M M M M M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 L, Ms, W/OG,
 Cr
 Abundance: FC

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Common Snipe
Gallinago gallinago

B B B R	R R N	Habitat:	Breeding	Migr.	Winter
<u>R B R R</u>	<u>R R R</u>		GL,R,Ms,	R,Aq	RpL,Aq
<u>R R R b</u>	<u>b R R</u>		W/OG		
<u>B R R R</u>	<u>b B M</u>				

Abundance: FC FC FC

American Woodcock*
Scolopax minor

	M	Habitat:	Breeding	Migr.	Winter
				Ms	

Acc. in 4, 19

Abundance: R

Wilson's Phalarope
Phalaropus tricolor

b B B B	B b B	Habitat:	Breeding	Migr.	Winter
<u>b M M B</u>	<u>B M M</u>		MmP,W/OG,	W/OG,Ms,	
<u>b B B B</u>	<u>b B b</u>		Ms,Cr	Cr,MmP	
<u>b M B B</u>	<u>b b M</u>				

Abundance: FC C-Ab

Red-necked Phalarope
Phalaropus lobatus

M	M M	M M M	Habitat:	Breeding	Migr.	Winter
<u>M M M M</u>	<u>M M M</u>	<u>M M M</u>			W/OG,Ms,L	

Acc. in 9, 10, 21, 28

Abundance: U-FC

Red Phalarope
Phalaropus fulicaria

M	M	M M M	Habitat:	Breeding	Migr.	Winter
<u>M M M M</u>	<u>M M M</u>	<u>M M M</u>			L	

Acc. in 1, 4, 5, 6, 7, 8,
 11, 12, 19, 24

Abundance: R

Pomarine Jaeger
Stercorarius pomarinus

		M M	Habitat:	Breeding	Migr.	Winter
		<u>M</u>			L	

Acc. in 5, 6, 12, 18

Abundance: R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Parasitic Jaeger
Stercorarius parasiticus
 Acc. in 5, 7, 11, 16, 19, 20

--- M M M M
 --- M M ---
 --- M --- M M ---
 --- --- --- ---

Habitat: Breeding Migr. Winter
 L
 Abundance: R

Laughing Gull#
Larus atricilla
 Acc. in 4, 5, 7, 11, 12, 19, 21

--- M M M
 --- M M ---
 --- --- M M M
 --- --- --- ---

Habitat: Breeding Migr. Winter
 L
 Abundance: R

Franklin's Gull
Larus pipixcan
 Acc. in 2, 13

M M M M M M M
 M M M M M M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 Cr, Aq, GL
 Abundance: FC spring
 Ab fall

Little Gull*
Larus minutus
 Acc. in 4, 7, 12

--- M --- M
 --- --- M ---
 --- --- --- ---
 --- --- --- ---

Habitat: Breeding Migr. Winter
 L
 Abundance: R

Bonaparte's Gull
Larus philadelphia
 Acc. in 2, 9, 10, 13, 17, 21

M M M M M M M
 M M M M M M M
 M M M M M M M
 M M M M M ---

Habitat: Breeding Migr. Winter
 L, Ms
 Abundance: U-FC

Mew Gull*
Larus canus
 Acc. in 4, 11, 12

--- M ---
 --- M M ---
 --- --- ---
 --- --- ---

Habitat: Breeding Migr. Winter
 L
 Abundance: Und

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Ring-billed Gull
Larus delawarensis

M	M	n	N	N	N	N	Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
M	M	n	N	N	M	N	L	L,Cr,	L,Ri,
M	n	n	N	N	N	N		U-dumps	U-dumps
M	M	M	M	N	N	M			

Abundance: R FC-Ab FC-Ab

California Gull
Larus californicus

M	M	n	N	R	N	M	Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
M	M	n	N	N	N	M	L	L,Cr,	L,Ri,
M	n	n	B	N	N	N		U-dumps	U-dumps
M	M	M	M	N	N	M			

Abundance: FC FC FC

Herring Gull
Larus argentatus

		M	W	W	W	W	Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
W			N	W	W	W	L	L,	L,Ri,
M	M	M	N	W	N	N		U-dumps	U-dumps
M	M		M	W					

Abundance: R FC FC

Thayer's Gull
Larus thayeri

			W	M		M	Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
			W	W		M		L,	L,Ri,
M					M			U-dumps	U-dumps

Abundance: R R

Lesser Black-backed Gull*
Larus fuscus

				M			Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
								L	

Abundance: Und

Glaucous-winged Gull*
Larus glaucescens

				M			Habitat: <u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
								L,	
				M				1 record,	
								Antero Res.	

Abundance: Und

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Glaucous Gull
Larus hyperboreus

---	W	W	W	M
---	W	W	W	W
---		W		

Habitat: Breeding Migr. Winter
L L

Abundance: R U

Great Black-backed Gull*
Larus marinus

---	M	---

Habitat: Breeding Migr. Winter
L

Abundance: R

Black-legged Kittiwake
Rissa tridactyla

M	---	M	M	---
M	---	M	M	---
M	---	M	M	---
M	---			---

Habitat: Breeding Migr. Winter
L

Abundance: R

Ross' Gull*
Rhodostethia rosea

---	---	M
---	---	
---	---	

Habitat: Breeding Migr. Winter
L

Abundance: R

Sabine's Gull
Xema sabini

M	---	M	M	M	M	M
M	---	M	M	M	M	M
---	M	M	M	M		
---	M					

Habitat: Breeding Migr. Winter
L

Abundance: R

Caspian Tern
Sterna caspia

M	---	M	M	---	M
M	M	M	M	M	
---	---	---	---	---	---

Habitat: Breeding Migr. Winter
L,Ri

Abundance: R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Common Tern
Sterna hirundo

M M M M
M - - M M M
M M M M M M M
- - M - M -

Acc. in 8, 14, 15, 16, 17,
18, 21

Habitat: Breeding Migr. Winter
L, Ms

Abundance: R-U

Arctic Tern*
Sterna paradisaea

- - - M - -
- - - - -
- - - - -
- - - - -

Acc. in 4

Habitat: Breeding Migr. Winter
L

Abundance: Und

Forster's Tern
Sterna forsteri

M B b B M b
M M M B B M
M b M n B B b
M M b M b M

Acc. in 9, 15

Habitat: Breeding Migr. Winter
Ms, L L, Ms

Abundance: U U-FC

Least Tern
Sterna antillarum

- - - M M M M
- - - M M M
M M - - M B B
- - - - M - -

Acc. in 4, 5, 7, 11, 14, 15,
16, 19, 26

Habitat: Breeding Migr. Winter
L, W/OG L, Ri

Abundance: R R

Black Tern
Chlidonias niger

M M B B B b b
M M M M B M b
b n M M B B b
M M M B b M M

Habitat: Breeding Migr. Winter
Ms L, Ms

Abundance: U U-FC

Marbled Murrelet*
Brachyramphus marmoratus

- - M - - -
- - - - -
- - - - -

Acc. in 10

Habitat: Breeding Migr. Winter
Und, 1 record only

Abundance: Und

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Rock Dove</u> <u>Columba livia</u> (Introduced)	R R	Habitat: Breeding U,Ag, Migr. cliffs, bridges, dwellings Winter U,Ag, bridges, cliffs
	Abundance: C	C

<u>Band-tailed Pigeon</u> <u>Columba fasciata</u> Acc. in 28	B B B B B B B B B B B B B B B B B B	Habitat: Breeding PP,Sc,SF, Migr. PP,SC,Cr, Cr,Ag Ag Winter
	Abundance: FC	FC

<u>White-winged Dove</u> <u>Zenaida asiatica</u> Acc. in 1, 3, 5, 11, 12, 20, 27	M M M M M M M M M M M M	Habitat: Breeding Migr. GL,S Winter
	Abundance: R	

<u>Mourning Dove</u> <u>Zenaida macroura</u>	R R B R R R B R R R B R B R B B B R R B R B B B R R R R	Habitat: Breeding GL,S,Ag, Migr. Ag,GL,S, Cr,RpL, U,RpL,Rpt Winter Ag,GL,S,U, RpL
	Abundance: Ab	Ab U

<u>Black-billed Cuckoo</u> <u>Coccyzus erythrophthalmus</u> Acc. in 3, 5, 15, 17, 26	M B M b B B B M M M M B B B M M M B M	Habitat: Breeding Rpl Migr. Rpl Winter
	Abundance: R	R

<u>Yellow-billed Cuckoo</u> <u>Coccyzus americanus</u> Acc. in 2, 3, 17, 22, 24, 25	M M B B B B B M b b B B B B M b B B B M b M M B B	Habitat: Breeding Rpl Migr. Rpt,RpL Winter
	Abundance: U	U

STATUS

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b-Likely breeder
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W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Greater Roadrunner
Geococcyx californianus
 Acc. in 11, 21, 22, 23, 24

--- M ---
 --- R R b M
 M M M R R R R

Habitat: Breeding Migr. Winter
 DS,PJ, DS,PJ,
 SaRb,SgSD, SaRb,SgSD,
 CG CG

Abundance: FC FC

Groove-billed Ani*
Crotophaga sulcirostris
 Acc. in 4, 14, 19

--- M ---
 --- --- M
 --- --- ---
 --- --- ---

Habitat: Breeding Migr. Winter
 RpL,Ag

Abundance: R

Common Barn-Owl
Tyto alba
 Acc. in 3, 15, 16, 22

--- M R R B b
 R --- b R B B
 M M b b R R R
 M M b b b R R

Habitat: Breeding Migr. Winter
 cliffs, RpL,Ag
 dwellings,
 Ag,RpL

Abundance: U R

Flammulated Owl
Otus flammeolus

--- b ---
 b B B M ---
 B B B B b ---
 B B b B b ---

Habitat: Breeding Migr. Winter
 PP,As PP,As

Abundance: FC R

Eastern Screech-Owl
Otus asio
 Acc. in 26

--- R b R N
 --- R R R
 --- --- ---
 --- --- M ---

Habitat: Breeding Migr. Winter
 RpL,Ag,U RpL,Ag,U

Abundance: U U-FC

Western Screech-Owl
Otus kennicottii

R R b ---
 R --- ---
 R b --- R b ---
 --- B --- --- B b

Habitat: Breeding Migr. Winter
 RpL,RpT, RpL,RpT,
 Ag,U,PJ Ag,U,PJ

Abundance: FC U-FC

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<u>Great Horned Owl</u> <u>Bubo virginianus</u>	R R	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> R,CF,Ag R,CF,Ag
		Abundance: <u>FC-C</u> <u>FC-C</u>
<u>Snowy Owl</u> <u>Nyctea scandiaca</u>	M W M W M M M W W W M M M M M M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Ag,GL,L
Acc. in 2, 4, 6, 7, 8, 17, 18, 19, 21, 28 11, 12: One wintering record each, 1977 and 1971 respectively		Abundance: <u>Irr,R</u>
<u>Northern Pygmy-Owl</u> <u>Glaucidium gnoma</u>	M R R N N R W R R W R W R R b b b	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> CF,As CF,RpT,RpL
Acc. in 1		Abundance: <u>U</u> <u>U</u>
<u>Burrowing Owl</u> <u>Athene cunicularia</u>	B B b B B B B B B B B B B B B b B b b B B	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> GL, rodent burrows GL
		Abundance: <u>U-FC</u> <u>U</u>
<u>Spotted Owl</u> <u>Strix occidentalis</u>	M M M B	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> CF
Acc. in 10, 11, 12,		Abundance: <u>R</u>
<u>Long-eared Owl</u> <u>Asio otus</u>	R R b R b B B R B M R R R R W B M R B B b B R B B B	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> RpT,Sa,PJ, RpL,RpT, RpL,Ag,PJ RpL,As, PJ,Sa SaRb,DF, Sc
Acc. in 3, 10, 18		Abundance: <u>U</u> <u>U</u> <u>Irr-U</u>

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n-Non-breeder (summer)
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FC - Fairly Common Irr - Irregular
U - Unusual

Short-eared Owl

Asio flammeus

Acc. in 9, 18

M M R b R N
M B W R W R
M M W M M M M
B R R M M N

Habitat: Breeding Migr. Winter
GL,Ms,Ag GL,Ms,Ag GL,Ms,Ag

Abundance: U U U

Boreal Owl

Aegolius funereus

Acc. in 3, 8, 9, 17

b R
M M W
M
N b

Habitat: Breeding Migr. Winter
SF SF SF

Abundance: R R R

Northern Saw-whet Owl

Aegolius acadicus

Acc. in 1, 15, 16

M R b B W
R N B R R W
b B B B B W
R R N b b W

Habitat: Breeding Migr. Winter
RpT,PP RpT,RpL, Ag,PP

Abundance: U U

Lesser Nighthawk*

Chordeiles acutipennis

Acc. in 16

M
M

Habitat: Breeding Migr. Winter
RpL

Abundance: R

Common Nighthawk

Chordeiles minor

B B B B B B B
B B B B B b b
B B B B B B B
B B b B B B B

Habitat: Breeding Migr. Winter
GL,R,U,PP, PJ,S GL,R,U,S

Abundance: FC Ab

Common Poorwill

Phalaenoptilus nuttallii

Acc. in 7, 10

b b b M M M
b b B B B M
b b B B B b
B B B B B B b

Habitat: Breeding Migr. Winter
PJ,PP,S RpT,RpL, PJ,S

Abundance: FC R

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<u>Whip-poor-will*</u> <u>Caprimulgus vociferus</u>	----- M -----	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Sc
Acc. in 4, 19, 27	----- M ----- ----- M -----	
<u>Black Swift</u> <u>Cypseloides niger</u>	M B M M b b b M b b b b M b b b b -----	Abundance: <u>Und</u> Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> cliffs L,Ri
Acc. in 3, 6, 12, 19		
<u>Chimney Swift</u> <u>Chaetura pelagica</u>	B b b b ----- B B B B M ----- B B B B ----- b B B b	Abundance: <u>R</u> <u>R</u> Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> U U,cliffs
Acc. in 15, 17		
<u>White-throated Swift</u> <u>Aeronautes saxatalis</u>	b B b B b B B B B B B B B B B B B B B B B B	Abundance: <u>FC</u> <u>U</u> Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> cliffs cliffs
Acc. in 15, 17		
<u>Blue-throated Hummingbird*</u> <u>Lampornis clemenciae</u>	n M ----- M ----- M ----- M	Abundance: <u>C</u> <u>U</u> Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> PP PP,U
Acc. in 4, 8, 11, 16, 19, 23		
<u>Magnificent Hummingbird</u> <u>Eugenes fulgens</u>	M M ----- M M B ----- M M B M M b M -----	Abundance: <u>R</u> <u>R</u> Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> RpT RpT,PP,U
Acc. in 3, 4, 9, 10, 18, 23, 25		Abundance: <u>Und,2</u> records R

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FC - Fairly Common Irr - Irregular
U - Unusual

Black-chinned Hummingbird

Archilochus alexandri

Acc. in 4, 11

B b b M
 B B B M
 B b B B
 B B M B b b b

Habitat: Breeding Migr. Winter
 PJ,RpT, PJ,RpT,
 RpL,U,Sc RpL,U

Abundance: FC FC

Anna's Hummingbird*#

Calypte anna

Acc. in 8, 16, 19, 23

M - - - -
 M - - - -
 M - - - -
 M - - - -

Habitat: Breeding Migr. Winter
 RpT,U

Abundance: R

Calliope Hummingbird

Stellula calliope

Acc. in 6, 15

M M M M
 M M M M M
 M M M M M
 M M M M M

Habitat: Breeding Migr. Winter
 R,PP,T,U,
 late July-
 Sept.

Abundance: U-FC

Broad-tailed Hummingbird

Selasphorus platycercus

Acc. in 13, 14

B B B B M M
 B B B B B M M
 B B B B B M
 B B B B B B M

Habitat: Breeding Migr. Winter
 S,CF,MmP, S,R,CF,
 U,As,R MmP,T

Abundance: FC-C FC

Rufous Hummingbird

Selasphorus rufus

Acc. in 2, 6, 27

M M M M M M
 M M M M M
 M M M M M
 M M M M M M

Habitat: Breeding Migr. Winter
 CF,R,MmP,
 T,late
 July-Sept.

Abundance: FC

Belted Kingfisher

Ceryle alcyon

24: One wintering record

R R R R R R R
 R R R R R M R
 b R R R R R R
 B R R b B B R

Habitat: Breeding Migr. Winter
 L,RpT,RpL, Ri

Abundance: FC FC

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- Irr - Irregular

Lewis' Woodpecker
Melanerpes lewis M B b R N M M Habitat: Breeding Migr. Winter
 R R M R R - M Sc,U,RpL, RpL,RpT, RpL,RpT,
 B R M R R R B RpT,PJ,Ag PJ U,PJ,Ag
 R R B R R R R PP

Acc. in 7
 U-FC west
 Abundance: R-FC east R U

Red-headed Woodpecker
Melanerpes erythrocephalus n M M B B B B Habitat: Breeding Migr. Winter
 M - M B B B B Ag,RpL,U Ag,RpL,PJ
 M M - B B B B
 - M - - b B B

Acc. in 2, 3, 8, 10, 15, 16, 23
 R west
 Abundance: FC-C east U

Red-bellied Woodpecker
Melanerpes carolinus - - - M M M Habitat: Breeding Migr. Winter
 - - - - M - R RpL RpL,U,Ag RpL
 - - - - M - -
 - - - - - M M

Acc. in 12
 Abundance: R R R

Yellow-bellied Sapsucker
Sphyrapicus varius M - - M - M Habitat: Breeding Migr. Winter
 M - - - - - M RpL,U
 M - - - - - -
 - - - - - - -

Acc. in 6, 8, 11, 14, 15
 Abundance: R

Red-naped Sapsucker
Sphyrapicus nuchalis M B B B M - - Habitat: Breeding Migr. Winter
 b B B B n - - As CF,R,As RpL
 B B B B B - -
 B B B B B b -

Acc. in 5
 Abundance: FC U R

Williamson's Sapsucker
Sphyrapicus thyroideus B B B B M - M Habitat: Breeding Migr. Winter
 B b B B M - M CF,As CF,As,Sc
 B B B B B - -
 B B B B B - -

Acc. in 14
 Abundance: U-FC U

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ABUNDANCE
 Ab - Abundant R - Rare
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 FC - Fairly Common Irr - Irregular
 U - Unusual

Ladder-backed Woodpecker

Picoides scalaris

----- M -----
 ----- R R M M -----
 ----- M R R R -----

Acc. in 4, 21

Habitat: Breeding Migr. Winter
 RpL,S,CG RpL RpL,PJ,CG

Abundance: U R U

Downy Woodpecker

Picoides pubescens

b R R R R R R R
 R R R R R b R
 R R R R R R B
 R R R R B B R

Habitat: Breeding Migr. Winter
 CF,R,S,U, CF,R,S,U, CF,S,U,
 PJ As RpT,RpL

Abundance: FC FC FC

Hairy Woodpecker

Picoides villosus

M R R R R R R R
 R R R R R R R
 R R R B R b b
 R R N R R B B

Habitat: Breeding Migr. Winter
 CF,As,R CF,R,S, CF,R,S,U
 As,U

Abundance: FC FC FC

Three-toed Woodpecker

Picoides tridactylus

M R R
 R b R R M ---
 R b b R B ---
 R B R b ---

Acc. in 1, 12

Habitat: Breeding Migr. Winter
 SF SF,PP,DF

Abundance: U U

Northern Flicker

Colaptes auratus

R R B R R R R
 R R R R R R R
 R R R R R R R
 R R R R R R R

Habitat: Breeding Migr. Winter
 CF,U,As,R R,PP,U,Sc

Abundance: C C

Olive-sided Flycatcher

Contopus borealis

M b B B M M M
 B B B B M M
 b B B B b M M
 B B B B b b M

Acc. in 7

Habitat: Breeding Migr. Winter
 SF,As,RpT, R,Ag
 PP

Abundance: FC FC

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ABUNDANCE

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- R - Rare
- Und - Undetermined
- Irr - Irregular

Western Wood-Pewee <u>Contopus sordidulus</u>	b B B B b B b <u>b B B B B b b</u> <u>B B B B B B b</u> <u>B B B B B M M</u>	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> CF,RpL, CF,RpL, RpT,As RpT,U
Abundance:	<u>FC-C</u> <u>C</u>	
Eastern Wood-Pewee# <u>Contopus virens</u>	----- M -- M M ----- M M -- ----- -- --	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> RpL,Ag, RpT
Acc. 4, 6, 7, 19, 20		Abundance: <u>R</u>
Willow Flycatcher <u>Empidonax traillii</u>	b b B B M M M <u>b b b B M -- M</u> <u>b B B B b -- --</u> <u>M b M b b b M</u>	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> RpL,RpT, RpL,RpT, As As
Acc. in 5, 6, 7, 22, 28		Abundance: <u>FC</u> <u>FC</u>
Least Flycatcher <u>Empidonax minimus</u>	----- B M M M ----- M M -- M ----- M M M M M ----- M -- M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> RpL
Acc. in 17, 21		Abundance: <u>U</u>
Hammond's Flycatcher <u>Empidonax hammondii</u>	b B B B M -- -- <u>B B B B M -- --</u> <u>b b B B B -- --</u> <u>B B B B B -- --</u>	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> CF CF,R
		Abundance: <u>FC</u> <u>FC</u>
Dusky Flycatcher <u>Empidonax oberholseri</u>	B B B B M -- -- <u>B b B B b -- --</u> <u>B B B B B -- --</u> <u>B B B B B -- --</u>	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> PP,Sc,As, R,As,Sc RpT,RpTT
		Abundance: <u>FC</u> <u>FC</u>

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b-Likely breeder
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M-Migrant

ABUNDANCE

Ab - Abundant	R - Rare
C - Common	Und - Undetermined
FC - Fairly Common	Irr - Irregular
U - Unusual	

Gray Flycatcher
Empidonax wrightii B B B - - -
 B B B M - - -
 b b b B B - -
 B b M B b - -

Habitat: Breeding Migr. Winter
 PJ PJ

Abundance: R R

Western Flycatcher
Empidonax difficilis b B B B M M M
 B B B B B - M
 b B B B B M M
 B B B B B B M

Habitat: Breeding Migr. Winter
 Sa, SaRb, R, As
 As, PP, RpT,

CF, (often in dwellings)

Abundance: FC R

Black Phoebe*
Sayornis nigricans - - - - - - - - - -
 - - - - - - - - - -
 - M - - - B - - - -
 - M - - - - - - - -

Habitat: Breeding Migr. Winter
 Ri, bridges RpT

Abundance: R R

Eastern Phoebe
Sayornis phoebe - - - M M M B
 - - - M M - M
 - - M M b b M
 - - - - - - B b

Habitat: Breeding Migr. Winter
 RpL, Aq RpL, RpT, U
 O-dirt bank

Abundance: R R

Say's Phoebe
Sayornis saya B B b B B B M
 R b B B B B B
 B B B B B B b
 B B B B B B B

Habitat: Breeding Migr. Winter
 Ag, S, GL, RpL, RpT, Ag,
 U, bridges GL

Abundance: FC FC

Vermilion Flycatcher
Pyrocephalus rubinus M - - M M B -
 - - M - M M M
 - M M M M - -

Habitat: Breeding Migr. Winter
 Ag, RpL, RpL, RpT GL, Ag
 1 record

Abundance: Und R

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Ash-throated Flycatcher
Myiarchus cinerascens
 Acc. in 3, 10, 14
 11: Nested, 1986

B	B	M	M	M	M
<u>B</u>	<u>B</u>	<u>M</u>	<u>B</u>	<u>M</u>	<u>M</u>
<u>B</u>	<u>B</u>	<u>M</u>	<u>B</u>	<u>B</u>	<u>M</u>
<u>B</u>	<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat:	Breeding	Migr.	Winter
	PJ,RpL,	PJ,RpL,	
	RpT	RpT,Ag,	
		SaRb	

Abundance: FC R

Great Crested Flycatcher
Myiarchus crinitus
 Accidental in 4, 5, 19, 21,
 23, 27, 28

			M	M	B	M
			<u>M</u>	<u>M</u>	<u>B</u>	<u>M</u>
				<u>M</u>	<u>M</u>	<u>M</u>
					<u>M</u>	<u>M</u>

Habitat:	Breeding	Migr.	Winter
	RpL	RpL,Ag	

Abundance: R R

Cassin's Kingbird
Tyrannus vociferans
 Acc. in 1

M	b	B	B	M	M
<u>b</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>b</u>	<u>B</u>
<u>b</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat:	Breeding	Migr.	Winter
	Ag,RpL,PJ,	Ag,RpL,	
	CG,DS	SS,CG,DS	

Abundance: U-FC U-FC

Western Kingbird
Tyrannus verticalis

B	B	B	B	B	B	B
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat:	Breeding	Migr.	Winter
	Ag,RpL,	Ag,RpL,U	
	RpT,U,PJ		

FC west
 Abundance: C-Ab east C

Eastern Kingbird
Tyrannus tyrannus

n	B	b	B	B	B	B
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>b</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>b</u>	<u>B</u>	<u>M</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat:	Breeding	Migr.	Winter
	Ag,RpL,	Ag,RpL,U	
	RpT,SaRb,		
	U,PJ		

U west
 Abundance: FC east FC

Scissor-tailed Flycatcher
Tyrannus forficatus
 Acc. in 5, 6, 7, 8, 10, 11, 13,
 17, 18, 19, 21, 22, 23

			M	M	M	M
<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>
<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>
<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>B</u>

Habitat:	Breeding	Migr.	Winter
	RpL	RpL	

FC-28
 R-
 Abundance: elsewhere R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Horned Lark <u>Eremophila alpestris</u>	R R R R R R R R R b b R R R R R R B R R R R R R R R R R R	Habitat: Breeding: GL,T,U, Sa,DS Migr.: GL,Sa Winter: GL,Sa, SaRb,
--	--	--

Abundance: C-Ab Ab Ab

Purple Martin <u>Progne subis</u>	M M M M M M M B M M M M B M - - - - B M - M - M -	Habitat: Breeding: PP,RpT,As Migr.: PP,RpT,RpL Winter:
--------------------------------------	--	--

Abundance: U west R

Tree Swallow <u>Tachycineta bicolor</u>	B B B B B M B B B B B B M M b B B B B M M B B B B B M M	Habitat: Breeding: CF,As,RpL Migr.: R,Aq Winter:
--	--	--

Abundance: C C-Ab

Violet-green Swallow <u>Tachycineta thalassina</u>	B B B B M M b B B B B M B B B B B M B B B B B B	Habitat: Breeding: CF,As, RpL,RpT Migr.: R,Aq Winter:
---	--	---

Abundance: C C-Ab

Northern Rough-winged Swallow <u>Stelgidopteryx serripennis</u>	B B B B B B B B B B B B b B B B B B B B b B B b b B B B	Habitat: Breeding: banks-R,Ag Migr.: R,Ag,Aq, MmP,Sa Winter:
--	--	--

Abundance: FC FC-C

Bank Swallow <u>Riparia riparia</u>	b B B B B B b B b M B B - b b B M b B b b B B b B b b b	Habitat: Breeding: banks-R,Ag Migr.: Ag,Aq Winter:
--	--	--

Abundance: FC U-FC

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ABUNDANCE

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- R - Rare
- Und - Undetermined
- Irr - Irregular

Cliff Swallow
Hirundo pyrrhonota
 B B B B B B B
 B B B B B B B
 B B B B B B B
 B B B B B B B
 Habitat: Breeding Migr. Winter
 cliffs, Ag, Aq
 structures-R, Ag,
 Aq
 Abundance: Ab Ab

Barn Swallow
Hirundo rustica
 B B B B B B B
 B B B B B B B
 B B B B B B B
 B B B B B B B
 Habitat: Breeding Migr. Winter
 structures- R, Ag, Aq
 R, Ag, Aq
 Abundance: C Ab

Gray Jay
Perisoreus canadensis
 R R R R
 R B R R
 M R R R W
 B R R R R
 Habitat: Breeding Migr. Winter
 SF, LP R, Ag, Aq CF, RpT
 Acc. in 15
 Abundance: FC FC

Steller's Jay
Cyanocitta stelleri
 R R R R M
 R R R R R
 R R R R R W
 R R R R R M M
 Habitat: Breeding Migr. Winter
 CF CF, As, MM CF, As, MM
 Abundance: FC-C FC-C west FC-C west
 Irr east Irr east

Blue Jay
Cyanocitta cristata
 M M R R R R
 M M R R B R
 M M R R R R
 M M N B R
 Habitat: Breeding Migr. Winter
 RpL, U, Ag RpL, RpT, Ag, U RpL, RpT, Ag, U
 Acc. in 8, 10, 15, 23, 24
 Abundance: FC R U-FC

Scrub Jay
Aphelocoma coerulescens
 R R b R M
 R R R R R
 R R b R R W
 R R b R R R M
 Habitat: Breeding Migr. Winter
 Sc, PJ, MM Sc, PJ, MM, U
 Acc. in 5, 28
 Abundance: FC FC

STATUS
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 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

<u>Pinyon Jay</u> <u>Gymnorhinus cyanocephalus</u>	R R R M M R N R N M M R R R R R W R R R R R b B	Habitat: Breeding PJ Migr. PJ,RpL, RpT,SgP, SaRb,U, Sc,T Winter PJ,RpL, RpT,SgP, SaRb,Sc
		Abundance: FC west FC west FC west Irr east Irr east Irr east

<u>Clark's Nutcracker</u> <u>Nucifraga columbiana</u>	R R R R M M R R R R M M R R R R R W R R R R R M	Habitat: Breeding AT,LP,SF, DF Migr. CF,A Winter SF,DF
		Abundance: FC Irr east Irr east

<u>Black-billed Magpie</u> <u>Pica pica</u>	R R	Habitat: Breeding Ag,R,U,S, CG,PJ Migr. Winter Ag,RpL,CG, RpT,U,S
		Abundance: C-Ab C-Ab

<u>American Crow</u> <u>Corvus brachyrhynchos</u>	R R R R R B R R b R R R R R R R R R R R R R R R R R R R	Habitat: Breeding Ag,U,RpL, RpT,PP,LP Migr. All Winter Ag,U,RpL, RpT,S
		Abundance: FC C-Ab C-Ab

<u>Chihuahuan Raven</u> <u>Corvus cryptoleucus</u>	M b B M b R M R R b R R	Habitat: Breeding struct- ures-SgP, SgSD, MXP, TgP, SgSD, MXP, TgP, CS, SS Migr. SgP, SgSD, MXP, TgP, SaRb, CG, SS Winter SgP, SgSD, MXP, TgP, SaRb, CG, SS
Acc. in 5, 12, 16		Abundance: U R west U

<u>Common Raven</u> <u>Corvus corax</u>	R R R R R W W R R R R N W W R R R R R M M R R R R R R b	Habitat: Breeding A,CF, cliffs Migr. A,CF,R, GL,Ag Winter A,CF,R,GL, Ag
		Abundance: FC FC west FC west Irr east Irr east

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- b-Likely breeder
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- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Black-capped Chickadee</u>									
<u>Parus atricapillus</u>	W R R R	R R b	Habitat:	Breeding	Migr.	Winter	RpL,RpT,	R,U,Ag,	RpL,RpT,
Acc. in 28	R R R R	R b R		U,Ag	As,S	U,Ag,As,S			
	R R R R	R R R							
	R R R R	R R M							
			Abundance:	FC-C	FC-C	FC-C			
<u>Mountain Chickadee</u>									
<u>Parus gambeli</u>	R R R R	R W -	Habitat:	Breeding	Migr.	Winter	CF		CF,Sc,As,
Acc. in 13, 28	R R R R	R M -				U,RpT			
	R R R R	R W -							
	R R R R	R W M							
			Abundance:	C		FC-AB			
<u>Plain Titmouse</u>									
<u>Parus inornatus</u>	B R M	- - -	Habitat:	Breeding	Migr.	Winter	PJ	PJ,PP,	PJ,PP,
Acc. in 4	R b R	- - -			RpL,Sc	RpL,Sc			
	R R b R	R - -							
	R R - B	B R M							
			Abundance:	FC	FC	FC			
<u>Bushtit</u>									
<u>Psaltriparus minimus</u>	b M R	- - -	Habitat:	Breeding	Migr.	Winter	PJ,S,RpL,		PJ,S,U,
12: Flock of 20 wintered, 1987-88	R R b W	W - -		RpT,Ag-		RpL,			Ag-west
	R R b R	R W -		orchards,					
	R R N R	b R -		west					
			Abundance:	U		U			
<u>Red-breasted Nuthatch</u>									
<u>Sitta canadensis</u>	R R b R	M M W	Habitat:	Breeding	Migr.	Winter	CF,RpH,RpT	CF,R,U,	CF,R,U
Acc. in 5, 13, 27, 28	R b R R	R M M			RpL				
	M B b R	R W M							
	- R N R	B M M							
			Abundance:	U-FC	U-C	U-FC			
<u>White-breasted Nuthatch</u>									
<u>Sitta carolinensis</u>	R R R R	W M M	Habitat:	Breeding	Migr.	Winter	CF,As,Sc,	RpL,RpT,	CF,U,RpL,
	R N R R	R W		RpT	As,U,CF	RpT			
	R R R R	R W R							
	R R R R	R W -							
			Abundance:	FC	U-FC	FC			

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 W-Winter visitor
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ABUNDANCE

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 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Pygmy Nuthatch
Sitta pygmaea
 Acc. in 2, 5, 6

b R R M M
 R b R R R M
 B R B R R W
 R R R R R b

Habitat: Breeding Migr. Winter
 PP,DF R,PP PP
 Abundance: FC Irr FC

Brown Creeper
Certhia americana
 Acc. in 2

M R R W W W
 R b R R R W
 b b R R R W W
 R R R R R M W

Habitat: Breeding Migr. Winter
 CF,R As,CF,U, CF,RpT,
 R R RpL,U
 Abundance: U-FC U-FC FC

Rock Wren
Salpinctes obsoletus
 Acc. in 21

B B b B B M M
 R b B B b B B
 R B B R R B M
 B B B B B B B

Habitat: Breeding Migr. Winter
 rocks, Sg,rocks, Sg,rocks,
 cliffs SgSD,Sc, SgSD,Sc,
 MM,CG MM,CG
 Abundance: FC U U

Canyon Wren
Catherpes mexicanus
 Acc. in 6, 9, 10

B R R M
 R M M R R
 B B B B R B
 B B b b B R B

Habitat: Breeding Migr. Winter
 cliffs cliffs cliffs
 Abundance: FC FC U

Carolina Wren
Thryothorus ludovicianus
 Acc. in 11, 12, 14, 19

M M M
 M M M
 M M M
 M M M

Habitat: Breeding Migr. Winter
 RpL,U
 Abundance: R

Bewick's Wren
Thryomanes bewickii
 Acc. in 4, 5, 12

b B M M
 R b M M
 R R M R R R b
 b R M B R R

Habitat: Breeding Migr. Winter
 PJ,RpL,RpT RpL,RpT PJ,RpL,
 RpT
 Abundance: U-FC R U

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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

House Wren
Troglodytes aedon
 Habitat: Breeding Migr. Winter
 As,CF,R, R,S
 Sc,Sa,
 SaRb,SgSD,
 AT
 Abundance: C C

Winter Wren
Troglodytes troglodytes
 Habitat: Breeding Migr. Winter
 Rpl,RpT
 Acc. in 9, 10, 16, 17, 28
 Abundance: R

Sedge Wren*
Cistothorus platensis
 Habitat: Breeding Migr. Winter
 Ms Ms
 Acc. 4, 5, 7, 14, 19, 26
 Abundance: Und R

Marsh Wren
Cistothorus palustris
 Habitat: Breeding Migr. Winter
 Ms Ms Ms
 Abundance: U U U

American Dipper
Cinclus mexicanus
 Habitat: Breeding Migr. Winter
 Ri, bridges Ri
 Acc. in 7
 Abundance: FC FC

Golden-crowned Kinglet
Regulus satrapa
 Habitat: Breeding Migr. Winter
 SF,Lm,PJ CF,Sc,RpL CF,RpL,
 RpT,U
 Abundance: U-FC FC mtns FC mtns
 Irr plains Irr plains

STATUS
 R-Resident (breeds)
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 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

<u>Ruby-crowned Kinglet</u> <u>Regulus calendula</u>	M R B B M M M R B B B M M M R B B B B M M R R B B B M M	Habitat: Breeding CF,AT Migr. R,CF Winter RpL,PJ,U,PP
	Abundance: FC FC-C U-FC	
<u>Blue-gray Gnatcatcher</u> <u>Poliioptila caerulea</u>	B B b B M M M B b b B b M B B B B B M B B B B M b b	Habitat: Breeding PJ,Sc, SaRb,RpL,MM Migr. S,PJ,RpT, RpL,U Winter
Acc. in 7		Abundance: FC FC
<u>Eastern Bluebird</u> <u>Sialia sialis</u>	- M B b b B - M n M M B - M n n M b - - M M M M	Habitat: Breeding RpL,As Migr. RpL,Ag Winter
Acc. in 9, 13, 16		Abundance: R-U U
<u>Western Bluebird</u> <u>Sialia mexicana</u>	B b B B M M B M b B B M B R B B B M R R B B B M	Habitat: Breeding PP,Sc,PJ,U Migr. PP,GL,PJ, Ag,MM,As, RpL,RpT, RpL,RpT,U Winter PP,Sc,PJ, SaRb
Acc. in 5, 6, 14, 20, 28		Abundance: U-FC U U-FC
<u>Mountain Bluebird</u> <u>Sialia currucoides</u>	B B B B B M M B B B B B M B R B R B M R R B B R B M	Habitat: Breeding MM,As,PP, PJ,Sc Migr. Ag,U,GL Winter Ag,PJ,MM, SaRb
	Abundance: FC-C C-Ab FC	
<u>Townsend's Solitaire</u> <u>Myadestes townsendi</u>	M b R R W W W R B R R R W W R R R R R W W R R R R b W W	Habitat: Breeding CF,As Migr. CF,RpL, RpT Winter PP,PJ,U, RpL,RpT,Ag
	Abundance: FC FC FC-C	

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n-Non-breeder (summer)
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ABUNDANCE

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C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Veery
Catharus fuscescens

B	B	b	M	M	M
<u>b</u>	<u>b</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>M</u>
	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>	<u>M</u>
		<u>b</u>	<u>M</u>	<u>M</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 RpT,RpL RpT,RpL

Acc. in 26

Abundance: U-FC U

Gray-cheeked Thrush
Catharus minimus

			M	M	M
			<u>M</u>	<u>M</u>	<u>M</u>
					<u>M</u>

Habitat: Breeding Migr. Winter
 U,Ag,RpL

Acc. in 4, 5, 7, 13, 28

Abundance: R

Swainson's Thrush
Catharus ustulatus

M	b	b	B	M	M	M
<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
		<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 RpT,RpL,SF R,U,Ag,Sc

Abundance: FC FC-Ab

Hermit Thrush
Catharus guttatus

B	B	B	B	M	M	M
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 CF CF,R,U,Ag

Abundance: FC FC

Wood Thrush
Hylocichla mustelina

			M	M	M
<u>M</u>			<u>M</u>	<u>M</u>	<u>M</u>
		M			
	<u>M</u>				

Habitat: Breeding Migr. Winter
 RpL,RpT

Acc. in 6, 8, 17, 23

Abundance: R

American Robin
Turdus migratorius

R	R	R	R	R	R	R
<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>b</u>	<u>R</u>
	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>
	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>	<u>R</u>

Habitat: Breeding Migr. Winter
 Ag,S,CF, AT,U,R,As Ag,S,CF, AT,U,R,As Ag,U,RpL, RpT,PJ,PP

Abundance: C C FC

STATUS

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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Varied Thrush

Ixoreus naevius

Acc. in 8, 14, 19, 23

W
M - - W - - M
- - M W - -
- M - - - -

Habitat: Breeding Migr. Winter
PJ U

Abundance: R R

Gray Catbird

Dumetella carolinensis

M B B B B B b
B B B B B b
b B B B B B b
B B b b B B b

Habitat: Breeding Migr. Winter
RpL,RpT, RpL,RpT,
MM,Sc MM,Sc

Abundance: FC FC

Northern Mockingbird

Mimus polyglottos

9: One wintered, 1986-87

b b b R B B B
R N M B R b R
B B B B R R B
B B B B B R R

Habitat: Breeding Migr. Winter
Ag,S,PJ, Ag,S,PJ, Ag,S,PJ,
RpL,RpT, RpL,CG RpL,CG
CG

Abundance: U-C U U

Sage Thrasher

Oreoscoptes montanus

B B B M B M M
B b b M B M M
B B B b B M M
B B B B M M M

Habitat: Breeding Migr. Winter
S S,PJ,RpT,
U,CG

Abundance: FC FC

Brown Thrasher

Toxostoma rufum

Acc. in 8, 16

M M R B B B
M - R B B R
M M M M B B B
- - M M M B B

Habitat: Breeding Migr. Winter
RpL,Ag RpL,Ag RpL,U

Abundance: R west
FC east R-FC R

Bendire's Thrasher*

Toxostoma bendirei

Acc. in 23, 27

- - - - -
- - - - -
- B B - - B - -

Habitat: Breeding Migr. Winter
undecided

Abundance: Und, 2
records

STATUS

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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Curve-billed Thrasher

Toxostoma curvirostre

Acc. in 10, 12, 14
18: One wintered, 1976

--- M --- M M
--- R --- R N
--- B --- B R B

Habitat: Breeding Migr. Winter
Sg,CG,PJ CG,PJ CG,PJ
SgSd

Abundance: U R R

Water Pipit

Anthus spinoletta

Acc. in 1

M B B B M M M
W B B B M M M
M B B B b M M
B B B B B M M

Habitat: Breeding Migr. Winter
T Aq,SgP, Ag Ag

Abundance: FC-C C FC

Sprague's Pipit#

Anthus spragueii

Acc. in 4, 5, 12, 19

--- M M ---
--- M ---
--- M ---
--- ---

Habitat: Breeding Migr. Winter
W/OG,CR

Abundance: R

Bohemian Waxwing

Bombycilla garrulus

Acc. in 14, 22

W W W W W W
W W W W W M
W W W W W W
M W W W W ---

Habitat: Breeding Migr. Winter
RpL Ag,R,CF,U

Abundance: Irr Irr

Cedar Waxwing

Bombycilla cedrorum

Acc. in 22

W b B R b N b
W N R R W M b
W B b N W N W
M R N W N W W

Habitat: Breeding Migr. Winter
R,Ag R,Ag,PJ,U U,R,Ag,PJ

Abundance: U FC Irr

Phainopepla*

Phainopepla nitens

Acc. in 4, 5, 23

--- M M ---
--- ---
--- M ---
--- ---

Habitat: Breeding Migr. Winter
RpT,Ag

Abundance: R

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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

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- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Northern Shrike</u> <u>Lanius excubitor</u>	W W M W W W W W W W W W W W W W W W W W W W W W W W W W	Habitat: Breeding Migr. Winter Ag Ag, U, RpT, RpL, GL, PJ, S
Acc. in 3		Abundance: Und U-FC
<u>Loggerhead Shrike</u> <u>Lanius ludovicianus</u>	B B b B B B B R b B B B B R R B B R B B R R B B B B B	Habitat: Breeding Migr. Winter SgP, MmP, GL, S, Ag, GL, S, Ag, CG, S, RpL, U U RpT, PJ
		Abundance: FC-C U-FC U
<u>European Starling</u> <u>Sturnus vulgaris</u>	R R R R R R R R R R R R R R R R R R R R R R R R R R R R	Habitat: Breeding Migr. Winter Ag, U, RpL, Ag, U, RpL, RpT RpT
(Introduced)		Abundance: Ab Ab
<u>White-eyed Vireo*#</u> <u>Vireo griseus</u>	--- M M --- --- M --- --- M M	Habitat: Breeding Migr. Winter RpL
Acc. in 6, 11, 27, 28		Abundance: R
<u>Bell's Vireo</u> <u>Vireo bellii</u>	--- M M B --- B --- M b --- M M	Habitat: Breeding Migr. Winter RpL, RpL riparian thickets
Acc. in 4, 6, 19		Abundance: R-FC R
<u>Gray Vireo</u> <u>Vireo vicinior</u>	M B B b b b b B b	Habitat: Breeding Migr. Winter PJ PJ
		Abundance: U U

STATUS

R-Resident (breeds)
N-Nonbreeder (resident)
B-Definite breeder
b-Likely breeder
n-Non-breeder (summer)
W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Solitary Vireo
Vireo solitarius B B B B M M M Habitat: Breeding Migr. Winter
 B B B B B M M PP,As,R, R,Ag,U
 B B B B B M M PJ
 Acc. in 13 B B B B B M M
 B B B B B M M

Abundance: FC FC

Yellow-throated Vireo#
Vireo flavifrons M M Habitat: Breeding Migr. Winter
 - - - - M - M R,Ag
 - - - - M - M
 Acc. in 5, 11, 14, 19 - - - - - - - -
 - - - - - - - -

Abundance: _____ R _____

Warbling Vireo
Vireo gilvus B B b B b b b Habitat: Breeding Migr. Winter
 B B B B B B B As,R U,R
 B B B B B b B
 B B B B B b B

Abundance: FC FC

Philadelphia Vireo
Vireo philadelphicus M M M Habitat: Breeding Migr. Winter
 - - - - M - M R,Ag,U
 - - - - M - M
 Acc. in 5, 7, 14, 17, - - - - - - - -
 19, 21, 23, 27 - M - - - M -

Abundance: _____ R _____

Red-eyed Vireo
Vireo olivaceus M M B b M M Habitat: Breeding Migr. Winter
 - - - - M B B M B R,Ag,U R,Ag,U
 - - - - M M b B b B Ag,U
 Acc. in 1, 2, 10 - M - - - b M
 - M - - - b M

Abundance: R-U R-U

Blue-winged Warbler#
Vermivora pinus M M M M Habitat: Breeding Migr. Winter
 - - - - M M M M R,Ag
 - - - - M M - -
 Acc. in 11, 12, 13, 14, - - - - - - - -
 19,28 - - - - - - M

Abundance: _____ R _____

STATUS
 R-Resident (breeds)
 N-Nonbreeder (resident)
 B-Definite breeder
 b-Likely breeder
 n-Non-breeder (summer)
 W-Winter visitor
 M-Migrant

ABUNDANCE
 Ab - Abundant R - Rare
 C - Common Und - Undetermined
 FC - Fairly Common Irr - Irregular
 U - Unusual

Black-throated Gray Warbler

Dendroica nigrescens

Acc. in 6

B B M M M M
 B b B M M M
 b B B B B M M
 B B b B b b M

Habitat: Breeding PJ Migr. PJ, Sc, Winter RpL, RpT

Abundance: C U

Townsend's Warbler

Dendroica townsendi

Acc. in 1, 3, 9, 15, 21

M M M M M M M
 M M M M M M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. CF, As, RpL, Winter RpT, S

Abundance: U spring FC fall

Hermit Warbler

Dendroica occidentalis

Acc. in 4, 11, 19

--- M ---
 --- M ---
 --- M ---
 --- --- ---

Habitat: Breeding Migr. RpL, RpT Winter

Abundance: R

Black-throated Green Warbler

Dendroica virens

Acc. in 6, 7, 9, 16, 27

--- M M M M
 - M - M M M
 - M - M M M
 - - - - M M

Habitat: Breeding Migr. RpL Winter

Abundance: R

Blackburnian Warbler

Dendroica fusca

Acc. in 5, 6, 7, 12, 21, 28

--- M M M M
 --- M M M M
 --- M M M
 --- - M

Habitat: Breeding Migr. RpL, RpT, U Winter

Abundance: R

Yellow-throated Warbler

Dendroica dominica

Acc. in 4, 5, 11, 12, 14, 19

--- M M
 --- M M M
 --- M
 --- - -

Habitat: Breeding Migr. RpL Winter

Abundance: R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Grace's Warbler
Dendroica graciae
 Acc. in 4, 8,
 M --- M ---
 b ---
 B B b B

Habitat: Breeding Migr. Winter
 PP,Sc,PJ RpL,RpT

Abundance: FC R-FC

Pine Warbler
Dendroica pinus
 Acc. in 5, 12, 14, 16, 19
 --- M M ---
 --- M M M ---
 --- M --- M ---
 --- --- --- ---

Habitat: Breeding Migr. Winter
 RpL,PP,Ag

Abundance: R

Prairie Warbler*
Dendroica discolor
 Acc. in 4, 5, 11, 14
 --- M M ---
 --- M --- M ---
 --- --- --- ---
 --- --- --- ---

Habitat: Breeding Migr. Winter
 RpL

Abundance: R

Palm Warbler
Dendroica palmarum
 Acc. in 1, 5, 7, 10, 14, 16,
 18, 20, 23, 24, 27
 M --- M M M M
 --- M M M M M
 --- M M M M M
 --- M M --- M ---

Habitat: Breeding Migr. Winter
 RpL,RpT,U

Abundance: R

Bay-breasted Warbler
Dendroica castanea
 Acc. in 5, 6, 7, 10, 25
 --- b M M M
 --- M B M M
 --- M --- M ---
 --- M --- --- ---

Habitat: Breeding Migr. Winter
 RpT,SF, 1 record RpL,Ag

Abundance: Und R

Blackpoll Warbler
Dendroica striata
 Acc. in 13, 16, 21, 23, 24
 --- M M M M
 --- M M M M
 --- M --- M M M
 --- M M --- --- M

Habitat: Breeding Migr. Winter
 RpL,RpT, Ag,U

Abundance: U

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Black-and-white Warbler

Mniotilta varia

Acc. in 5, 10, 13, 24, 26

M M M M M
 M M M M M
 M M M M M
 M M M M M

Habitat: Breeding Migr. Winter
 Rpl, Rpt, Sc, U

Abundance: U

American Redstart

Setophaga ruticilla

Acc. in 13

M B B b M M
 M M M B B M M
 M M M M M M M
 M M M M M M M

Habitat: Breeding Migr. Winter
 R R

Abundance: U-FC FC-C

Prothonotary Warbler

Protonotaria citrea

Acc. in 6, 7, 11, 12, 14
 19, 21

M M M
 M M M
 M M M
 M M M

Habitat: Breeding Migr. Winter
 Rpl

Abundance: R

Worm-eating Warbler

Helminthos vermivorus

Acc. in 1, 5, 6, 14, 18,
 27, 28

M M M M M
 M M M M M
 M M M M M
 M M M M M

Habitat: Breeding Migr. Winter
 Rpl, Ag

Abundance: R

Swainson's Warbler*

Limothlypis swainsonii

Acc. in 4, 19

M M M M M
 M M M M M
 M M M M M
 M M M M M

Habitat: Breeding Migr. Winter
 Rpl

Abundance: R

Ovenbird

Seiurus aurocapillus

Acc. in 13, 21

M M M M M
 B B M M M
 B B M M M
 B B M M M

Habitat: Breeding Migr. Winter
 PP, Rpl Sc, Rpl, Ag, U

Abundance: U U-FC

STATUS

- R-Resident (breeds)
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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Northern Waterthrush</u> <u>Seiurus noveboracensis</u>	M M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Rpl, Rpt, Ag, U, Ms
Acc. in 1, 3, 8, 9, 10, 26		Abundance: <u>U</u>
<u>Louisiana Waterthrush*#</u> <u>Seiurus motacilla</u>	----- M ----- M -----	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Rpl
Acc. in 14, 27		Abundance: <u>R</u>
<u>Kentucky Warbler*</u> <u>Oporornis formosus</u>	----- M ----- M M ----- M M ----- M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Rpl, U
Acc. in 7, 10, 11, 21, 23, 26		Abundance: <u>R</u>
<u>Connecticut Warbler*</u> <u>Oporornis agilis</u>	----- M ----- ----- -----	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Rpl
Acc. in 5		Abundance: <u>Und</u>
<u>Mourning Warbler*</u> <u>Oporornis philadelphia</u>	----- M ----- M ----- M -----	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> 1 record only
Acc. in 4, 12, 19		Abundance: <u>Und</u>
<u>MacGillivray's Warbler</u> <u>Oporornis tolmiei</u>	B B b B b M M B b B B M M M b B B B B M M B B B B B M M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> R, Sc, As R, Sc, U, PJ, Ag
Acc. in 7, 21		Abundance: <u>FC</u> <u>FC</u>

STATUS

R-Resident (breeds)
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B-Definite breeder
b-Likely breeder
n-Non-breeder (summer)
W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Common Yellowthroat
Geothlypis trichas

B	B	b	B	B	B	B
B		M	B	B	B	B
B	B	b	B	B	B	B
B	B	B	B	B	M	B

Habitat: Breeding R,Ms Migr. R,Ms,Ag Winter

Abundance: C C

Hooded Warbler
Wilsonia citrina

			M	M	M	M
			M	M		M
				M	M	M
			M		M	

Acc. in 5, 7, 14, 20, 21, 25, 27

Habitat: Breeding Migr. RpL,U Winter

Abundance: R

Wilson's Warbler
Wilsonia pusilla

B	B	B	B	M	M	M
B	B	B	B	M	M	M
b	B	B	B	B	M	M
B	B	B	B	B	M	M

Habitat: Breeding AT,RpH, RpT Migr. R,S,Ag,U Winter

Abundance: FC-Ab C

Canada Warbler
Wilsonia canadensis

			M	M		
			M	M		
				M		

Acc. in 4, 5, 11, 12, 19
 11: One territorial singing male 6/24-7/11/84
 Otherwise, no records since 1976

Habitat: Breeding Migr. RpL,Ag,U Winter

Abundance: R

Painted Redstart*
Myioborus pictus

			M			
			M			
		M				

Acc. in 4, 11, 16

Habitat: Breeding Migr. RpL,RpT Winter

Abundance: R

Yellow-breasted Chat
Icteria virens

B	b	b	B	b	b	B
B	B	M	B	B		B
B	B	B	B	B	B	b
B	B		B	B	B	M

Acc. in 10

Habitat: Breeding R,S Migr. R,S,Ag,U Winter

Abundance: FC U

STATUS

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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
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ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Hepatic Tanager*#

Piranga flava

Acc. in 8, 11, 14

M - - M - - M
 - - - - -
 - - - - - B -

Habitat: Breeding Migr. Winter
 PP PP,RpT

Abundance: Und R

Summer Tanager

Piranga rubra

Acc. in 5, 6, 8, 10, 13,
 22, 25, 27, 28

M - M M M M M
 M - M M M M M
 M M - M - M M

Habitat: Breeding Migr. Winter
 RpL,RpT,
 Ag,U

Abundance: R

Scarlet Tanager

Piranga olivacea

Acc. in 5, 7, 9, 12, 14, 16,
 18, 19, 21, 26

- M - M M M M
 - M M M M M
 - - - - M - -

Habitat: Breeding Migr. Winter
 RpL,RpT

Abundance: R

Western Tanager

Piranga ludoviciana

5-One summered, 1985

b B b B n M M
 B B B B B M M
 b B B B B M M
 B B B B B M M

Habitat: Breeding Migr. Winter
 PP,Sc,As, R,U
 SF

Abundance: FC FC

Northern Cardinal

Cardinalis cardinalis

Acc. in 21, 25, 28

18: One wintered, 1985-86

- - - W M M b
 - - - W W R
 - - - W W W M
 - - - M - - M

Habitat: Breeding Migr. Winter
 RpL RpL,U RpL,Ag,U

Abundance: R R R

Rose-breasted Grosbeak

Pheucticus ludovicianus

Acc. 2, 5, 13

M M M M M M M
 M M M M M M M
 - M M M M M M
 - M - - M M M

Habitat: Breeding Migr. Winter
 RpL,RpT,
 U,Ag,

Abundance: U

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

Black-headed Grosbeak
Pheucticus melanocephalus

B	B	M	B	b	M	B
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>b</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 PP,Sc,PJ, R,U
 As,R

Abundance: FC FC

Blue Grosbeak
Guiraca caerulea

B	M	-	B	b	B	B
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>b</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>M</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>M</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat: Breeding Migr. Winter
 Rpl,RpT,S, Rpl,RpT,
 PJ,CG S

Abundance: U north
FC south FC

Lazuli Bunting
Passerina amoena

b	B	b	B	B	M	M
<u>b</u>	<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
<u>b</u>	<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>M</u>	<u>M</u>
<u>b</u>	<u>B</u>	<u>b</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 Rpl,RpT, Rpl,RpT,
 Sc,Sa,PJ S,U

Abundance: FC-C FC

Indigo Bunting
Passerina cyanea

M	-	-	B	b	b	b
<u>M</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>b</u>	<u>b</u>	<u>b</u>
<u>B</u>	<u>M</u>	<u>M</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat: Breeding Migr. Winter
 Rpl,RpT,S Rpl,RpT,U

Acc. in 1, 9, 16

Abundance: U U

Painted Bunting
Passerina ciris

-	-	-	M	-	-	-
<u>-</u>	<u>-</u>	<u>-</u>	<u>M</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>M</u>	<u>-</u>	<u>M</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>M</u>	<u>M</u>

Habitat: Breeding Migr. Winter
 Rpl

Acc. in 4, 19, 21, 28

Abundance: - R

Dickcissel
Spiza americana

-	b	-	M	b	B	B
<u>M</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>	<u>B</u>
<u>M</u>	<u>M</u>	<u>-</u>	<u>b</u>	<u>b</u>	<u>B</u>	<u>B</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>B</u>	<u>B</u>	<u>B</u>

Habitat: Breeding Migr. Winter
 GL,Cr GL

Acc. in 8, 15, 16

Abundance: Irr R

STATUS

- R-Resident (breeds)
- N-Nonbreeder (resident)
- B-Definite breeder
- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Green-tailed Towhee</u> <u>Pipilo chlorurus</u>	B B B B M M M B B B B b M M B B B B B M B B B B B b M	Habitat: Breeding RptL,RpT,S, MmP,PJ Migr. R,S,MmP, CG Winter
Acc. in 13		Abundance: FC FC
<u>Rufous-sided Towhee</u> <u>Pipilo erythrophthalmus</u>	B B b R M M b R R B R B M W R R b R R R W R R B R R B R	Habitat: Breeding RptL,RpT,S Migr. R,S,U,CG Winter S,U
		Abundance: FC FC U
<u>Brown Towhee</u> <u>Pipilo fuscus</u>	M - - M M - - - - M R R R M - - - R R R R	Habitat: Breeding PJ,S,CG Migr. S,CG Winter PJ,S,CG
Acc. in 4, 5, 8, 11, 17		Abundance: FC R-FC FC
<u>Cassin's Sparrow</u> <u>Aimophila cassinii</u>	- - - M B B b - - - B b b B - - - b B B B	Habitat: Breeding SgP,S,SS Migr. SgP,S,SS Winter
Acc. in 11		Abundance: FC-C FC
<u>Rufous-crowned Sparrow</u> <u>Aimophila ruficeps</u>	M - - M - - - - - - M M - - - - - b B B	Habitat: Breeding Sc Migr. Sc Winter
Acc. in 8, 11, 19		Abundance: FC R
<u>American Tree Sparrow</u> <u>Spizella arborea</u>	W W	Habitat: Breeding Migr. R Winter RptL,RpT, GL,Ag,Sa,U
		Abundance: FC FC-Ab

STATUS

R-Resident (breeds)
N-Nonbreeder (resident)
B-Definite breeder
b-Likely breeder
n-Non-breeder (summer)
W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Black-throated Sparrow
Amphispiza bilineata M M M — —
 B b M M M — —
 Acc. in 4, 5, 10 B M M B B — —
 B B — — — b M

Habitat: Breeding Migr. Winter
 PJ, S, SgSD, Sa, SgSD, CG CG

Abundance: U-C R-U

Sage Sparrow
Amphispiza belli B B B B M M —
 B B B — M — —
 Acc. in 5, 6, 18, 20, 24 B B B M M M —
 B B M B — — —

Habitat: Breeding Migr. Winter
 Sa, SgSD S, SgSD

Abundance: U-FC R

Lark Bunting
Calamospiza melanocorys b b B B B B B
 b — b M B b B
 M M b b B B B
 M M M b B B B

Habitat: Breeding Migr. Winter
 GL, Sa GL, Ag, SaRb

Abundance: R-FC west R-FC west
Ab east Ab east

Savannah Sparrow
Passerculus sandwichensis b B B B B B b
 b b B B B — M
 b B B B b b M
 M B B B b M B

Habitat: Breeding Migr. Winter
 GL, Ms GL

Abundance: FC FC

Baird's Sparrow
Ammodramus bairdii — — — M M — M
 M — — M M — —
 Acc. in 16, 28 — M — — M M M
 — — M — — M M

Habitat: Breeding Migr. Winter
 GL

Abundance: — R

Grasshopper Sparrow
Ammodramus savannarum b M b B B B
 B — — B B b B
 Acc. in 16 — M — b B B B
 — — M — b B B

Habitat: Breeding Migr. Winter
 GL, TgP, MxP GL

Abundance: U-Irr R

STATUS

- R-Resident (breeds)
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- b-Likely breeder
- n-Non-breeder (summer)
- W-Winter visitor
- M-Migrant

ABUNDANCE

- Ab - Abundant
- C - Common
- FC - Fairly Common
- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>McCown's Longspur</u> <u>Calcarius mccownii</u>	M M B B B M M - - M B B M - - - M M M - - - - - - M M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> SgP SgP, MmP
Acc. in 7, 8, 20		Abundance: <u>FC</u> <u>U</u>
<u>Lapland Longspur</u> <u>Calcarius lapponicus</u>	W W W W W W W M - - W W W W W W M W W W W - - - M - - W W	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> GL, Cr GL, Cr
Acc. in 2		Abundance: <u>U-C</u> <u>U-Ab</u>
<u>Chestnut-collared Longspur</u> <u>Calcarius ornatus</u>	M M M B B M M M M M - M - - M M M - - - - - - - M M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> SgP, MXP SgP, MmP
Acc. in 14, 17		Abundance: <u>FC</u> <u>U-FC</u>
<u>Snow Bunting</u> <u>Plectrophenax nivalis</u>	W W W W W W W W W M W W - W M W W W W - - - - M - - - -	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Sa, GL
Acc. in 10, 15, 24		Abundance: <u>R</u>
<u>Bobolink</u> <u>Dolichonyx oryzivorus</u>	B b B b b B B b M B B b M b B b M M M M M - - M	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> GL, Cr- GL, Cr hayfields, fallow fields
Acc. in 15, 20		Abundance: <u>R</u> <u>R</u>
<u>Red-winged Blackbird</u> <u>Agelaius phoeniceus</u>	R R	Habitat: <u>Breeding</u> <u>Migr.</u> <u>Winter</u> Ms, Ag, GL, Sa Ms, Ag, R, Sa Ms, Ag, U, Sa
		Abundance: <u>Ab</u> <u>Ab</u> <u>C</u>

STATUS

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b-Likely breeder
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W-Winter visitor
M-Migrant

ABUNDANCE

Ab - Abundant R - Rare
C - Common Und - Undetermined
FC - Fairly Common Irr - Irregular
U - Unusual

Eastern Meadowlark*#

Sturnella magna

----- b
 ----- M

 ----- M

Acc. in 13, 28

7: No longer nesting here, as field was burned, eliminating habitat

Habitat: Breeding Migr. Winter
 SgP, TgP, Cr

Abundance: U

Western Meadowlark

Sturnella neglecta

R R B R R R R
 R B B R R B R
 R R R R R R R
 B R R R R R R

Habitat: Breeding Migr. Winter
 Sg, MmP, Sa, S, GL S, GL, Ag
 SgSD, PJ,
 Ag, SaRb,
 Cr, CG, SS

Abundance: C-Ab C FC

Yellow-headed Blackbird

Xanthocephalus xanthocephalus

B B B B B B B
 B B B B B b B
 B B B B B B b
 B B B B B b M

Habitat: Breeding Migr. Winter
 Ms Ms, Ag, RpL,
 U

Abundance: C C-Ab

Rusty Blackbird

Euphagus carolinus

----- W W W M
 ----- W W W
 ----- M W W W
 ----- M

Acc. in 7, 16, 27

Habitat: Breeding Migr. Winter
 RpL, RpT,
 Ag

Abundance: R-U

Brewer's Blackbird

Euphagus cyanocephalus

B B B R R B b
 R B B B R b W
 B B B B R R N
 B B R B B R B

Habitat: Breeding Migr. Winter
 R, Ag, MmP, R, Ag, Sa, RpL, Ag, U
 U Sc

Abundance: FC-C C-Ab R-FC

Great-tailed Grackle

Quiscalus mexicanus

----- M -----
 B - B M M - -
 M M B b B M M
 B B R b W - B

Acc. in 5, 11, 12, 15, 16, 18, 20, 25

Expanding

26: One wintered, 1979-80

Habitat: Breeding Migr. Winter
 CF RpT

Abundance: R R

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- U - Unusual
- R - Rare
- Und - Undetermined
- Irr - Irregular

<u>Common Grackle</u>		<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
<u>Quiscalus quiscula</u>	B B B R B B B	Habitat: R,Ag,U	RpL,RpT, Ag,U	
Acc. in 16	<u>B B B B</u> <u>B B B</u>			
Expanding on Western Slope	<u>b b B B</u> <u>B B B</u>			
4: Two wintered, 1982-83	<u>b B M M</u> <u>B B B</u>			
		Abundance:	C	C

<u>Brown-headed Cowbird</u>		<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
<u>Molothrus ater</u>	B B B B B b B	Habitat: Ag,CF,S,U, R,Ag		
	<u>B B b B</u> <u>B b B</u>	MmP,R,As, Ms		
	<u>B B B B</u> <u>B B b</u>			
	<u>B B B B</u> <u>B B B</u>			
		Abundance:	FC	FC

<u>Orchard Oriole</u>		<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
<u>Icterus spurius</u>	--- B B B B	Habitat: RpL,Ag	RpL,RpT,U, Ag	
Acc. in 17	--- M B b B			
	--- M B B B B			
	--- --- b B B			
		Abundance:	R west FC east	U-FC

<u>Northern Oriole</u>		<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
<u>Icterus galbula</u>	B B B B B B B	Habitat: RpL,RpT, Ag,U	RpL,RpT, Ag,U	
	<u>B B B B</u> <u>B B B</u>			
	<u>B B B B</u> <u>B B B</u>			
	<u>B B B B</u> <u>B B B</u>			
		Abundance:	FC	FC

<u>Scott's Oriole</u>		<u>Breeding</u>	<u>Migr.</u>	<u>Winter</u>
<u>Icterus parisorum</u>	B ---	Habitat: DS,Sa	R	
Acc. in 10, 11, 15	<u>B --- M M</u> ---			
	<u>M --- ---</u> ---			
	<u>b --- ---</u> ---			
		Abundance:	Und	R

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<u>Brambling*</u> <u>Fringilla montifrigilla</u> Acc. in 4, 19	--- M --- --- M --- --- --- --- ---	Habitat: <u>Breeding</u> Migr. <u>Winter</u> Urb Abundance: _____ R
--	--	---

<u>Rosy Finch</u> <u>Leucosticte arctoa</u> Acc. in 7, 14	W R R R W W M <u>W R R R W W</u> <u>W R R R R</u> <u>R R R R b</u>	Habitat: <u>Breeding</u> Migr. <u>Winter</u> T,cliffs U,Sa,CF, U,Sa,CF, dirt banks dirt banks AT-cliffs, AT-cliffs, MmP,SgP, MmP,SgP, SgSD,SgM SgSD,SgM
		Abundance: FC U-Ab U-Ab

<u>Pine Grosbeak</u> <u>Pinicola enucleator</u> Acc. in 21	W W B R W --- <u>R R R R W</u> <u>b b R R R M</u> <u>R R R R R</u>	Habitat: <u>Breeding</u> Migr. <u>Winter</u> SF CF CF
		Abundance: FC U U-FC

<u>Purple Finch</u> <u>Carpodacus purpureus</u> Acc. in 6, 7, 14, 18 21, 23, 27 23: One wintered, 1974-75	--- W M M --- W M M --- M W M --- W --- M	Habitat: <u>Breeding</u> Migr. <u>Winter</u> RpL,U
		Abundance: _____ U

<u>Cassin's Finch</u> <u>Carpodacus cassinii</u> Acc. in 6, 28	R B R R M M <u>R R R R W W</u> <u>b R R B R W</u> <u>R R b R B M M</u>	Habitat: <u>Breeding</u> Migr. <u>Winter</u> CF,Sc, CF,U RpL,RpT, RpT PP,U
		Abundance: FC FC FC

<u>House Finch</u> <u>Carpodacus mexicanus</u>	B B R R R R N <u>R B B R R b W</u> <u>R R R R R R</u> <u>R R R R B B R</u>	Habitat: <u>Breeding</u> Migr. <u>Winter</u> U,SaRb, U,RpL, U,RpL,RpT, PJ RpT,Sa, Sa,Ag, SgSD,CG SgSD,CG
		Abundance: Urban-Ab Urban-Ab Urban-Ab U-C C U-C

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Red Crossbill
Loxia curvirostra
 Acc. in 6, 7, 27

b	R	R	R	M	M	M	Habitat:	Breeding	Migr.	Winter
R	b	R	R	R				CF	CF	CF, RpL
B	b	R	R	R	W					
b	R	N	R	b	M	M				

Abundance: Irr-Ab Irr-FC Irr-FC

White-winged Crossbill
Loxia leucoptera
 Acc. in 6, 12, 23, 24, 26

		N	N		M		Habitat:	Breeding	Migr.	Winter
	W	W	N	M					CF	CF
			N	N						
	M	M		M						

Abundance: R R

Common Redpoll
Carduelis flammea
 Acc. in 1, 10, 26

M		W	W	W	W		Habitat:	Breeding	Migr.	Winter
W		M	W	W		W				GL,S,U
	W	W	W	W						
	W			M						

Abundance: Irr

Pine Siskin
Carduelis pinus

N	B	B	R	n	W	W	Habitat:	Breeding	Migr.	Winter
R	R	R	R	R	W	W		CF,R,Sc	CF,R,Sc,	RpL,U,Sc,
R	R	R	R	R	W	N			U,MmP	PP
R	R	R	b	R	W	W				

Abundance: FC AB C

Lesser Goldfinch
Carduelis psaltria

	b		B			M	Habitat:	Breeding	Migr.	Winter
R	b	B	B	B				RpL,RpT,	RpL,RpT,	RpL,U
B	B	b	B	B	b			S	S,CG,U	
B	B	b	B	B	b	b				

Abundance: FC FC R

American Goldfinch
Carduelis tristis

B	R	B	R	R	R	b	Habitat:	Breeding	Migr.	Winter
R	R	R	R	R		R		RpL,RpT	RpL,RpT,	RpL,RpT,
R	R	R	R	R	R	R			Ag,U	Ag,U
R	R	b	b	b	R	W				

Abundance: FC FC C

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- R - Rare
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- Irr - Irregular

Evening Grosbeak

Coccothraustes vespertinus

M M M R b W -
W R R R R -
B B B R R W M
R R b R B - W

Acc. in 21

Habitat: Breeding Migr. Winter
CF R,CF,U R,U,PP,PJ

Abundance: FC U-C U-C

House Sparrow

Passer domesticus

R R R R R R R
R R R R R R R
R R R R R R R
R R R R R R R

(Introduced)

Habitat: Breeding Migr. Winter
Ag,U Ag,U

Abundance: Ab Ab

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APPENDIX I

COLORADO LATILONG STUDY

CHANGE FORM

Species: _____

Please use this form to supplement or to correct data appearing in
The Colorado Bird Distribution Latilong Study (1982).

RECOMMENDED CODES

Latilong #: _____

Distribution Code: _____

Habitat Code: _____

Abundance: ___ Abundant ___ Common ___ Fairly Com.

 ___ Unusual ___ Rare ___ Irregular

 Undetermined

* * *

BASIS FOR RECOMMENDATION

Locality (Include nearest town & county) _____

Date(s) of observation _____

Number of birds _____

Description of observation; explain
justification for recommended code: _____

Name (print): _____

Mailing Address: _____

Send form to:
Zoology Dept.
Denver Museum of Natural History
2001 Colorado Blvd.
Denver CO 80205

Zip

COLORADO FIELD ORNITHOLOGISTS - SIGHT RECORD FORM

NEW STATE RECORD UNUSUAL RECORD

Please print or type. Attach photographs and additional pages if necessary.

Species: _____ / _____
(Vernacular Name) (Scientific Name)

Date(s): _____

Number of birds seen: _____ Sex: _____ Plumage: _____

Latilong: _____ Distribution Code: _____ Habitat Code: _____

Locality: _____ Elevation: _____

Nearest town: _____ County: _____

Time(s) observed: _____

Duration of observation (e.g. 1 sec., 5 min., etc.): _____

Other observers who saw the bird with you (give names, addresses, telephone numbers):
_____Other observers who saw the bird independently (give names, addresses, telephone numbers):
_____Light conditions (position of bird to light and shade, direction and strength of light):

Optical equipment used (e.g. power, types): _____

Distance and how measured: _____

If photographed, type of equipment and film: _____

Who else photographed the bird: _____

Describe the bird's behavior (e.g. flying, feeding, or habits used in identifying):
_____Describe in detail the bird's relative size, overall shape, plumage and color pattern. Include details of bill, wing and tail shape. Give particular emphasis to marks you used to identify the bird. Reference to its resemblance to field guide descriptions and illustrations is not enough. Describe only what you actually observed in the field:

Description (continued): _____

Describe the bird's song and call, if given, including method of delivery, (i.e. from perch, in flight, duration):

Describe the general and specific habitat in which you observed the bird:

How did you eliminate similarly appearing species?

What is your prior experience with this and similarly appearing species?

List books, illustration, recordings, other birders, etc. consulted and how this influenced your identification:

a) At time of observation: _____

b) After observation: _____

This report was written from reports made during _____, after observation _____, from memory _____

Date and time report was written: _____

Reporting observer: _____ Signature: _____

Address: _____

All reports will be maintained permanently at the address below:

Return to: CURATOR, DEPARTMENT OF ZOOLOGICAL COLLECTIONS
DENVER MUSEUM OF NATURAL HISTORY
CITY PARK
DENVER, CO 80205

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