

C.F.O. Journal

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CFO JOURNAL is devoted to the field study of birds in Colorado. Articles and notes of scientific or general interest, and reports of unusual observations, are solicited. Send manuscripts, with photos and drawings to: Peter Gent, 55 South 35th Street, Boulder, CO 80303. Send rare bird reports to: CFO Official Records Committee, c/o Zoological Collections, Denver Museum of Natural History, City Park, Denver, CO 80205.

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FROM THE EDITORS

We wish to apologize to Robert Andrews for introducing some errors into his article "The C.F.O. Checklist of Colorado Birds" which appeared in the last issue, Vol. 14, No. 3. The errors were our fault not his and the corrections are listed on the next page. Also there is a notice that the Latilong study is to be updated. If you have any data to contribute please send it in promptly. In this issue we have two seasonal reports and, as in Vol. 14, No. 2, one is in tabular form whereas the other is in the more usual story form. Your comments on the different report styles will be welcome.

PETER GENT and TERRY ROOT

Cover Illustration: Least Flycatcher by Joseph C. Rigli.

Joe is a long time member of the C.F.O. and lives in Fort Morgan, Colorado. His drawings have appeared regularly in the C.F.O. Journal and have also been used by the Denver Field Ornithologists and Buteo Books.

ERRORS IN VOL. 14, NO. 3

In the C.F.O. Checklist of Colorado Birds the following subspecies were incorrectly stated as recently breeding in the state. In fact, they are not known to have bred in the state and should have no letter at all after them: the Harlan's Race of the Red-tailed Hawk, the Yellow-bellied Race of the Yellow-bellied Sapsucker, the Blue-headed Race of the Solitary Vireo and the Myrtle Race of the Yellow-rumped Warbler.

An error has also been noted in the Bird Latilong Update: the status of the Solitary Sandpiper in Quad 10 should be a Migrant, M, and not a definite breeder, B.

LATILONG UPDATE

A mailing is going out to all Latilong contributors--past, present, and future--with an updated version. Contributors are requested to supplement and correct the data. Upon return of the information, and its inclusion into the study, a new edition of the Latilong will be issued. If you are not on the Latilong contributor list and have some data to contribute, please contact Steve Bissell, Non-game Biologist, Colorado Division of Wildlife, 6060 Broadway, Denver 80216 or Hugh Kingery, 869 Milwaukee Street, Denver 80206.

One new development from the Latilong study is the Field Check List published by the Ft. Collins Audubon Society for Latilong 4, one of the most intensively birded Latilongs in the state because it includes Ft. Collins, Boulder, Loveland, Longmont, Estes Park, and Grand Lake. Copies are available from the Ft. Collins Audubon, Box 1245, Ft. Collins 80522. They cost a nickle each, or 25 for \$1.

DENVER AUDUBON SOCIETY GRANTS

In order to encourage research into natural history topics and ecological relationships, especially by amateurs, Denver Audubon Society will make research grants, generally in the \$100 to \$500 range, this winter. The grants will support projects having regional application in ecology, natural history, and similar fields. Another type of grant may be awarded for publication of research or field data already completed but not organized, collated, or put into acceptable format, or simply ready for publication.

The application form is available from DAS and applications must be received by January 15, 1981, by Denver Audubon Society, 2239 E. Colfax, Denver, CO 80206.

FALL MIGRATION -- August 1 - November 30, 1979

Chip Blake
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This report is in tabular fashion as opposed to the traditional "story" fashion. Tabular reports can be more effective in several ways: they allow all data received from contributors to be printed, and thus permit active year to year, season to season, and region to region comparisons. They are also much easier to write and say some, easier to read. There is some debate as to which fashion of report is best, and there is also debate as to the actual value of seasonal reports altogether. This decision should be made by the readers rather than the editors; therefore anyone with opinions as to which fashion is more desirable, and whether or not reports should be continued or abbreviated should submit them to the editors.

Of the 175 persons who contributed to this report, over 150 of them were from the Boulder-Denver-Ft. Collins area. The entire west slope is represented by only 16 people and just 10 reports (27 from the east slope). The only report from the southeastern corner of the state was that of a one-day trip made by Frank and Jan Justice in August. Here lies one of the major weaknesses in this system. It is difficult to accurately compare the two slopes with nearly 160 observers on one slope and 16 on the other. So keep in mind this fact when totals for each slope for a species are listed in the table. What is really needed to make this system work are season-long reports from people who reside in the western and southeastern parts of the state. And whenever possible, bird in unbirded areas!

Briefly, here is an explanation of how the tabular format works:

Arctic Loon

11/9;10	CF&I;Marston R	1;1	VAT;CB,MH
11/17;18	Baseline R;NE Colo	1;1	PG,MH,TR;JR

In those two lines four reports of the Arctic Loon are represented: one seen Nov. 9 at CF&I Lakes in Pueblo by Van Truan, one at Marston Reservoir in Denver on Nov. 10 seen by Chip Blake and Mark Holmgren, one was seen on Baseline Reservoir in Boulder on Nov. 17 by Peter Gent, Mark Holmgren and Terry Root, and one found in northeastern Colorado on the 18th of Nov. by Jack Reddall. Semicolons always separate reports. In the case of a species being observed at one locality on more than one date, but not more than three, commas are used:

Horned Grebe

10/7,21	BMR	5,2	KJC
---------	-----	-----	-----

This would mean that Kevin Cook saw five grebes on Blue Mesa Reservoir on Oct. 7, and two at the same place on Oct. 21. One dash in the date column (10/-) means that no date was given. Two dashes signifies that either the species was present until that date (--10/1) or after that date (10/1--). Three dashes (---) means that the species was present throughout the fall. Especially significant facts, whether they be species, date, location, or number are underlined. An * indicates that

the species is one for which the Official Records Committee (ORC) desires documentation (see the CFO Checklist in Vol. 14, No. 3) and that the report is either being considered or has not been received by the ORC. Common species with no significant abnormalities in abundance or range have not been included in the table, but rather have been listed at the end of each section.

Thanks to Mark Kasprzyk and the Bird Observer of Eastern Massachusetts for helping apply this system to Colorado.

The especially mild autumn weather resulted in many species staying quite late into the fall, and some migratory species were up to two weeks late in appearing. Several observers commented on significantly above average raptor and warbler migrations. Few species were found to be low in numbers, while many were described as being the most abundant in memory. Observers reported 313 species and 14 additional races. All in all, it was a very good fall.

The fall season was highlighted by a first official state record of an Arctic Tern which was at Union Reservoir, Sept. 12-15. The reports of a White-tailed Kite in Jefferson County on Nov. 12 and a Hutton's Vireo in Eagle in August are also possible first official state records pending decisions by the ORC. Other rarities discovered included a Red-throated Loon, two Surf Scoters, a Sabine's Gull, a Parasitic Jaeger, a Spotted Owl, Rivoli's and Blue-throated Hummingbirds, and five Black-throated Blue Warblers. Several other species were found in impressively large numbers, including Common Loon, Western Grebe, Merlin (23!), Sandhill Crane, Yellow-billed Cuckoo, Pinyon Jay, and Sage Thrasher. Species qualifying for the low category were White-faced Ibis, Rough-winged Swallow, Bohemian Waxwing, Loggerhead Shrike, Black-headed Grosbeak, and Cassin's Finch. White-necked Ravens were completely ignored once again.

The weather was described by contributors as being very mild, with generally cooler temperatures and earlier snowfall on the west slope. This trend continued throughout the fall until the last week of November when the state, especially east slope, was ravaged by a record snowstorm.

First latilong records were provided by the Horned Grebes at Blue Mesa Reservoir (Montrose), a Surf Scoter at the same location, a Screech Owl near Granby, a White-winged Dove in Otero County, and a Summer Tanager and Common Grackle at Ridgway near Ouray.

Loons through Herons

Common and Arctic Loons were well reported, especially in November. It appears that Arctic Loons are more regular in Colorado than previously believed. Blue Mesa Reservoir reported its first Horned Grebes, with 2-5 present there Oct. 7-21. Western Grebes were reported in spectacular numbers. The White Pelican on Lake Granby Oct. 6 was unusual for the area. The Double-crested Cormorant on Blue Mesa Reservoir Oct. 5 was the first for that locality and only the third for Gunnison County. A very late Cattle Egret was in Grand Junction Nov. 19 and two Great Egrets

found south of Glenwood Springs on Oct. 24 were unexpected. Only one report of White-faced Ibises was received; Gunnison described them as conspicuous in their absence.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Common Loon	8/17-11/22;10/27-11/15	E slope;W slope	68+;4	vo
	11/2--	Denver-Boulder	53	vo
Arctic Loon	11/9;10	CF&I;Marston R	1;1	VAT;CB,MH
	11/17;18	Baseline R;NE Colo	1;1	PG,MH,TR;JR
<u>Red-throated Loon</u>	11/24*	Chatfield	1	F&JJ
<u>Red-necked Grebe</u>	9/29*	Clear Creek	1	no ob noted
Horned Grebe	9/13--;10/7,21	E slope(pk:10/27);BMR	169;5,2	vo;KJC
Western Grebe	Aug;Sep;Oct;Nov	Foothills	22;1541;3822;12	FAC
	8/7-11/24;10/7--	E slope;W slope	c 7000;17	vo
White Pelican	8/22-10/14;9/23	Foothills;Barr L	36;250	FAC;RAR
	9/15	Ft Collins	66	FBC
	10/6;29	3 Lakes area;Delta	1;1	DAJ;MJ
	11/2	CCRA	1	MOS
Double-crested Cormorant	8/5-11/24;10/5	E slope(pk:9/9);BMR	275(200+ Chat);1	vo;KJC
Northern Green Heron	8/23;9/1	Windsor L;Sawhill Ponds	1;1	MOS;BAS
	9/9,21	Chatfield	2,1	F&JJ
Cattle Egret	10/1;11/19	Union R;Grand Jct	2;1	I&ES;DG
Great Egret	8/4;17	Red Lion;Julesburg	4;1	RCR
	9/1;23	Julesburg;Boulder	2;2	RCR;LH
	9/23-10/7	Union R	1	FAC
	10/24	s of Glenwood Spr	2	vo
Snowy Egret	9/23;23-10/7	Barr L;Union R	5;1	RAR;FAC
	10/20	Chatfield	1	F&JJ
American Bittern	8/25-9/23;9/15	Foothills;Boulder	3;1	FAC;BAS
<u>Least Bittern</u>	--9/15	Sawhill Ponds	6	vo
White-faced Ibis	10/1-21	11 mile R(only rpt!)	c 40	MOS

also reported: Eared Grebe, Pied-billed Grebe, Great Blue Heron, Black-crowned Night Heron.

Waterfowl

Whistling Swans were found in fairly good numbers. Several observers noted lower than usual numbers of common duck species. For these traditionally common species, only the peak date(s) of migration are shown in the table. Foothills Audubon Club reported 111 Redheads, down from 550 of a year ago. Wood Ducks continue to increase, further illustrating the range expansion that this species is undergoing. Both Goldeneyes were found earlier than usual. The Surf Scoter on Blue Mesa Reservoir Oct. 21 was a first for Blue Mesa, Gunnison County, and the Montrose Latilong.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observer</u>
Whistling Swan	11/9;10	Boulder;Chatfield	4;2	BAS;F&JJ
	11/10;11-19	Douglas Co;Durango	2;6	JR;EF
	11/18,22	BMR	5,2(prob)	KJC
	11/18;24	Arapahoe Co;Chatfield	2;6	DFO;F&JJ
Snow Goose (white form)	8/21;11/-	Silt;Grand Jct	1;7	RP;MF
	11/11;21	CCRA;Chatfield	1a,1i;1	JR;F&JJ
White-fronted Goose	11/24	CCRA	1	JR
Canada Goose	11/23-28	Blue-winged Teal	9/9-15	
Mallard	10/21-11/3	American Wigeon	9/29-10/21	
Gadwall	11/3-10	Northern Shoveler	none	
Northern Pintail	11/3	Redhead	11/1-17	
Green-winged Teal	none	Canvasback	November	
	Lesser Scaup	11/3-12		
	Bufflehead	11/8		
	Ruddy Duck	10/21-11/10		
Cinnamon Teal	8/25;26-10/4	Chatfield;Foothills	1;17	F&JJ;FAC
	9/15;--11/10	Ft Collins;Ridgway	76;15	FBC;JRG
Wood Duck	8/17;18	Julesburg;Denver	1;1	RCR;LKM
	9/15	Ft Collins;Broomfield	1;2	FBC;BAS
	10/20-11/10;10/23	Chatfield;Loveland	10+;2	F&JJ;RH
	10/30-31	<u>Ridgway</u>	1	JRG
King-necked Duck	9/17-10/28	Boulder	70+	BAS
	10/20-11/17;10/30-31	Chatfield;Ridgway	33;1	F&JJ;JRG
<u>Greater Scaup</u>	10/24	Sawhill Ponds	1	CB
Common Goldeneye	11/3;11	arr Chatfield;arr L Estes		F&JJ;WKR
	11/24--	common throughout state		vo
Barrow's Goldeneye	11/2,8;8	3 Lakes area;L Estes	1,7;arr	DAJ;WKR
<u>Surf Scoter</u>	10/21;11/8	<u>BMR</u> ;Windsor L	1;1	KJC;MOS
Hooded Merganser	11/10;23	baseline R	10;6	BJ;MM
	11/10;11	Chatfield;CCRA	1;2	F&JJ;DFO
Common Merganser	11/8;18	W slope pk;E slope pk;some residents throughout		
	11/18;23	NE Colo;Baseline R	1025;1200	JR;MM
Red-breasted Merganser	11/8;9	arr W slope(Delta);arr E slope(Pueblo)		

Vultures through Rails

Gunnison reports the best season for raptors in memory. In late October, 6-7 Red-tails could be seen in a day, and 3-4 a day before and after that period. The Three Lakes area also reported an above average year for hawks, with Goshawks being well observed. A Rough-legged Hawk on a Southwest Hawk Watch road count Sept. 12 was extremely early. Bald Eagles were early at both the Three Lakes area and Blue Mesa; Cook reports those at Blue Mesa Oct. 17 as being the earliest on record there. Ospreys were increasingly noticed on both slopes. Falcon species had excellent seasons; except Peregrines. The Sage Grouse found south of Granby were the first for that area. Whooping Crane sightings included a rare east slope sighting at Meade. A Gray's Lake bird was killed by a Golden Eagle as it rose out of a pond near Ranglely with its Sandhill

foster parents. This incident was observed by a pair of hunters who retrieved the bird and delivered it to authorities.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Turkey Vulture	9/26;mid-Oct	dep E slope;dep W slope		
	9/13-22	Boulder	90	PH
Mississippi Kite	8/11	Lamar	35,20n	F&JJ
<u>White-tailed Kite</u>	11/12*	Soda L,Morrison,Jeff Co	1a	R&NG
Goshawk	thr Sep;8/12	Sugarloaf Rd(Bldr);Evergreen	3;1	fide MM;WWB
	8/14-10/22;8/15	3 Lakes area;RMNP	4+;3	DAJ;BAS
	9/7;15	Boulder	1;1	EM;PH
	9/15;24	Ft Collins;Boulder	1;1	FBC;SK
	9/18-19;27	Boulder;RMNP	1;1	IB;JC
	10/15	Lory St Park	1	TB
	11/20;25	Grand Jct;Axial	1;1	MF;JW
Red-tailed ("Harlan's") Hawk	10/22	Durango;CU	1;1	EP;MM
	late-Oct;11/4	MV/ANWR;Boulder	7;1	MBS;BAS
	11/11	Boulder;Union R	1;1	MM;BAS
Swainson's Hawk	--10/20	E slope(few after 9/15)	41	vo
	--10/21	3 Lakes area(only W rpt)	5-7/day	DAJ
Rough-legged Hawk	9/12;10/13--	n of Fountain;common t.o. state	4;-	vo;vo
Bald Eagle	8/7--;10/17--	3 lakes area;BMR	6+;3-4	DAJ;KJC
	11/1--;11/9	Grand Jct;CF&I	1;1	RL;VAT
	11/9--;11/10--	Boulder R;Ft Collins	2;10	vo;vo
	11/17--;11/23-28	Glenwood/Silt;Axial	3;3	RP;JW
	no date	Durango	1	EF
Osprey	--10/27;8/17	3 Lakes area;Sawhill Ponds	7+;1	DAJ;PH
	8/31;9/5	CF&I;Grand Jct	1;1	VAT;MP
	9/15;10/20	Chatfield	1;1	F&JJ
	9/15;19-10/5	Boulder;RMNP(Parvin L)	1;1	CB;WKR
	9/22;26	CCRA;Durango	1;1	LKM;EF
	9/29-10/25	Pueblo R	3	VAT
Peregrine Falcon	9/22;10/27	Boulder;Chatfield	1;1	PH;F&JJ
Merlin	8/12,13;27,9/3	3 Lakes area;Boulder	1,1;1,1	DAJ;T&RVZ
	9/5-8;16	Ridgway;Union R	1;1	JRG;S&WWB
	9/17;10/3	Loveland;Ft Morgan	1;1	VB;JCR
	10/7;13	Boulder;Colo Spr	1;1	CFO;D&LB
	10/13;28	Boulder;Ft Creek	1;1	BBC;PA
	11/-;4	Grand Jct;Longmont	2;1	MF;JA
	11/3;4	Ft Collins;Barr L	1;3	vo;DFO
	11/10;15	Delta;Boulder R	1;1	MJ;CB
	11/18;26	NE Colo;Ft Collins	1;1	JR;vo
Blue Grouse	8/9;9/1-4	West Creek;3 Lakes area	1a,3i;15-20	RW;DAJ
	9/2;9/9	Alma;Eagle	1a,4i;4	CC;JM
White-tailed Ptarmigan	---	Trail Ridge Rd(RMNP)	6	DAJ
Chukar	---	Evergreen	1	WWB,vo
Sage Grouse	--18/26	Axial;n of Wolcott	16;4	JW;JM
	9/8-9;9/-	n of Craig;g of Granby	37;12-15	LKM;DAJ
Bobwhite	8/11;11/29--	Lamar;Ft Collins	3;1	F&JJ;R&AR
Scaled Quail	8/11	Lamar	26	F&JJ

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Gambel's Quail 9/3,11/3	Delta	1,10	MJ
Turkey 9/15;11/30	West Creek;Durango	2;sm flock	RW;EF
Whooping Crane 9/15;10/11	Meade;Alamosa	1;1	NS;WWB
10/13;14	Rangley;San Luis Valley	1;11-14	UPI;MBS
Sandhill Crane 10/2,5;10/3	Alamosa;Ft Morgan	1400,180;3-5000	WWB;JCR

also reported: Sharp-shinned Hawk, Cooper's Hawk, Red-tailed Hawk (incl. Krider's & Western forms), Ferruginous Hawk, Golden Eagle, Northern Harrier, Prairie Falcon, American Kestrel, Ring-necked Pheasant, Virginia Kail, Sora, American Coot.

Shorebirds, Gulls and Terns

Only one Greater Yellowlegs and no Lesser Yellowlegs were reported from the west slope. Baird's and Least Sandpipers were mentioned in most reports and found in apparently average numbers. The Herring Gull at Blue Mesa (Aug. 12) was only the second record there. A Parasitic Jaeger was at Pueblo Reservoir in late October. On Oct. 29 observers watched it catch, drown and eat a Ring-billed Gull. The Arctic Tern at Union Sept. 12-15 was associating with Common, Forster's and Black Terns, which made for excellent comparisons.

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Semipalmated Plover 8/11;19,9/22	Lamar;CCRA	5;1,2	F&JJ;LKM
Snowy Plover 8/11	Lamar	155	F&JJ
Mountain Plover 9/30	Loveland	50+	FAC
Black-bellied Plover 8/11;11/3	Lamar;NE Colo	2;1	F&JJ;JR
Ruddy Turnstone 10/24	s of Glenwood Spr	4	RP
Long-billed Curlew 8/11;9/5	Lamar;Grand Jct	5;2	F&JJ;KG,BT
9/30;11/10	Loveland;Chatfield	2;1	FAC;DFO
Upland Sandpiper 8/10;11	Ft Morgan;Lamar	1;1	JCR;F&JJ
Solitary Sandpiper 8/8-9/17;25-9/15	Foothills;Chatfield	8;6	FAC;F&JJ
9/3;15	Ridgways;Ft Collins	1;5	JRG;PBC
Willet 9/23;30	Boulder;Foothills	1;1	BEC;FAC
Red Knot 9/1	Julesburg	1	RCR
Pectoral Sandpiper 9/22	CCRA	1	LKM
10/13	Chatfield;Barr L	3;3	KJC;HEK
11/3	NE Colo;Chatfield	3;5	JR;F&JJ
White-rumped Sandpiper 8/19	CCRA	1	LKM
Dunlin 11/18	NE Colo	1	JR
Stilt Sandpiper 8/11;9/10	Lamar;Boulder	20;6	F&JJ;MM
Semipalmated Sandpiper 8/11	Lamar	50	F&JJ

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Western Sandpiper 8/11;19	Lamar;CCRA	95;2	F&JJ;LKM
9/15;10/13	Ft Collins; Barr L	6;6	FBC;HEK
Marbled Godwit 8/5,17,9/1	Julesburg R	1,8,5	RCR
Sanderling 9/22;10/13	CCRA;Barr L	1;3	LKM;HEK
Northern Phalarope 8/11	Lamar	6	F&JJ
9/1;22	Julesburg;CCRA	5;1	RCR;LKM
<u>Parasitic Jaeger</u> 10/29*	Pueblo R	1	EM,vo
Franklin's Gull 8/11;9/15(pks)	Lamar;Ft Collins	1226;1053	F&JJ;FBC
10/20,28	Union R	1700	BAS
Bonaparte's Gull 11/3-11/24;14	E slope; <u>Delta</u>	105;11	vo(5);MJ
11/15	Union R	<u>60</u>	CB
<u>Sabine's Gull</u> 9/16-20*	CCRA	1	TD,LKM,vo
Common Tern 9/11-10/6	Union R	3	vo
<u>Arctic Tern</u> 9/12-15	Union R	1	vo
Least Tern 8/11	Lamar	7	F&JJ

also reported: Killdeer, Common Snipe, Spotted Sandpiper, Greater Yellowlegs, Lesser Yellowlegs, Baird's Sandpiper, Least Sandpiper, Long-billed Dowitcher, American Avocet, Wilson's Phalarope, Herring Gull, California Gull, Ring-billed Gull, Forster's Tern, Black Tern.

Doves through Woodpeckers

A White-winged Dove found near Timpas, Otero County on Sept. 17 provided southeastern Colorado with its first record of that species. A road killed Screech Owl gave the Granby Latilong its first record. Cook noted that Long-eared and Great Horned Owls were very common and highly visible in the Gunnison area this fall. The only report of the Short-eared Owl was of one being mobbed by Blue Jays in Holmgren's yard in Boulder Nov. 21.

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
<u>White-winged Dove</u> 9/17	Timpas, Otero Co	1	GE
Yellow-billed Cuckoo --8/20;5-30	Boulder;Foothills	10;5	BAS;FAC
8/11;9/15	Lamar;Ft Collins	3;1	F&JJ;FBC
9/25;10/27	Colo Spr;Ft Creek	1;1	CC;PA
Barn Owl 8/11;9/13	Lamar;Marshdale	1;1	F&JJ;ECT
Screech Owl 8/20-9/15	Longmont	1	vo
9/4;10/17	Ft Morgan; <u>Lakes area</u>	1;1	JCR;DAJ
Flammulated Owl 8/24	Durango	1	EF
Pygmy Owl 11/-	Grand Jct(Plateau Cr)	1	RL
Long-eared Owl 9/8-9;22	n of Craig;Terry L	<u>12;1</u>	LKM;CB
11/11	CCRA	1	DFD

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observer</u>
Short-eared Owl	11/21	Boulder	1	MH
<u>Spotted Owl</u>	11/23,29*	Ridgway	1	JRG
Poor-will	10/7-16	Pueblo West	1	VAT
<u>Black Swift</u>	8/12;18	Ridgway;Mt Evans	3;16-20	JRG;DBK,vo
Black-chinned Hummingbird	--9/14	Ridgway	9	JRG
Calliope Hummingbird	8/2-9/10	Ridgway	2	JFG
	8/9-23;16-19	Loveland;Durango	1;1	FAC;EF
<u>Rivoli's Hummingbird</u>	9/1*	Marshdale	1	ECT
<u>Blue-throated Hummingbird</u>	8/22-25*	Durango	3	EF
Common ("Yellow-shafted") Flicker	10/7-17	Ridgway	2	JRG
Common ("Yellow-shafted" x "Red-shafted") Flicker	8/16-9/15;11/23	Boulder	1;2	BAS;MM,MH
Williamson's Sapsucker	--8/31;16-9/2	West Creek;Boulder	2;4	RW;BAS
	8/26-9/9;9/18	3 Lakes area;Boulder	2;1	DAJ;IB
Northern Three-toed Woodpecker	---;8/15	Boulder;Mt Evans	1*;1	CB;VS
	8/16;17	s St Vrain;Mt Evans	1;1	EAS;DBK,vo
	9/9-11/10;9/15	3 Lakes area;Ft Collins	2;1	DAJ;PEC
	10/7	Cameron Pass	1	TB

also reported: Band-tailed Pigeon, Rock Dove, Mourning Dove, Burrowing Owl, Great Horned Owl, Common Nighthawk, White-throated Swift, Chimney Swift, Broad-tailed Hummingbird, Rufous Hummingbird, Belted Kingfisher, Common ("Red-shafted") Flicker, Red-headed Woodpecker, Lewis' Woodpecker, Yellow-bellied Sapsucker, Hairy Woodpecker, Downy Woodpecker.

Flycatchers through Shrikes

The Ash-throated Flycatcher at Blue Mesa Reservoir was the second record for Gunnison County. No Rough-winged Swallows were reported from the east slope. An extremely rare Steller's x Blue Jay hybrid appeared in the Granby area Aug. 18. Pinyon Jays invaded the east slope. No White-necked Ravens were reported. Only one report of Bohemian Waxwing; obviously not an invasion year for them. Gunnison had no shrikes of either species; an apparently unusual occurrence.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Cassin's Kingbird	8/18	CU	1	T&RVZ
Great Crested Flycatcher	8/17	Julesburg	2	RCR
Ash-throated Flycatcher	--8/16;8/5	Ridgway;BMR	2;1	JRG;KJC
	8/20-28;10/4	CU;Lyons	1-2;1	MM,PH;CW
Eastern Phoebe	8/18;9/14-15	Evergreen;CU	1;1	ECT;vo
	10/20	Chatfield	1	F&JJ

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Willow Flycatcher	8/1-6	Longmont	1	FAC
	8/28;9/7	Boulder	1;1	BAS
Least Flycatcher	9/9	Ft Morgan	1	JCR
Hammond's Flycatcher	8/16-24	Boulder	8	BAS
	9/15;18	Ft Collins;CU	2;1	FBC;MM
Dusky Flycatcher	8/--9/-	Boulder	3	BAS
	8/15-9/13;9/14	Ridgway;Lyons	1;1	JRG;CW
Gray Flycatcher	9/23*	<u>Boulder</u>	1	FH
Olive-sided Flycatcher	--9/2;8/11	Ridgway;Lamar	3;1	JRG;F&JJ
	8/23;9/2	Windsor L;Longmont	2;1	MOS;IB
	9/15;16	Ft Collins;CU	1;1	FBC;BK
Purple Martin	8/16;17	DeBeque;Axial	8+;4	RL;JW
<u>Steller's x Blue Jay</u>	8/18--	Granby area	1	DAJ
Pinyon Jay	---19/1--	Ridgway;Colo Spr	30;25	JRG;J&RW
	9/9--19/15	Boulder;Jefferson	40-45;1	BBC;CH,KH
	9/22;29	Meeker;Dakota Ridge	15;30+	JW;KM,CB
	10/7;26-11/16	Dakota Ridge;Big Thompson	1;100	MM;BW,WKR
	late-Nov	West Creek	3-4	RW
Plain Titmouse	9/4	Ridgway	1	JRG
Eushtit	8/8;Oct	Ridgway;Silt	2;30-50	JRG;RP
Bewick's Wren	8/11;10/6	Lamar;Delta	1;2	F&JJ;MJ
	10/12;11/3-11	Ridgway;Delta	1;6	JRG;MJ
Northern Mockingbird	8/11;10/20-11/17	Lamar;Chatfield	2;2	F&JJ
	11/17-22;17	Berthoud;Durango	1;1	CC;WJEF
Gray Catbird	--9/18;9/6-25	Ridgway;Lyons	6;3	JRG;CW
	9/9;15	Chatfield;Ft Collins	10;1	F&JJ;FBC
Brown Thrasher	8/11;9/15	Lamar;Ft Collins	2;2	F&JJ;FBC
	9/21-11/22;9/25	Boulder;Colo Spr	4;1	BBC;CC
	10/22	CU	1	MM
Curve-billed Thrasher	8/5	s of Fountain(Hanover Rd)	2	EW,vo
Sage Thrasher	8/25-9/25;9/8-10/5	E slope;W slope	9;45	vo
	11/25	Jefferson Co	1	RO
Swainson's Thrush	8/18-9/16;8/27	Foothills;Ridgway	2;1	FAC;JRG
	9/15	Ft Collins	2	FBC
Veery	8/22	Lyons	1	CW
Eastern Bluebird	10/27;11/3	Hanna Ranch;NE Colo	6;1	PA;JR
	11/13-14	Morrison	3	BP
Western Bluebird	8/26-27;8/21,9/12	West Creek	4;8-10	RW
	10/24	Ridgway	15	JRG
Blue-gray Gnatcatcher	--10/6;8/24	Ridgway;Gunnison	10;2	JRG;KJC
Golden-crowned Kinglet	10/17;11/2	Grand Jct;Ft Morgan	10;1	RL;JCR
	11/10	Castlewood Canyon SP	1	JR
Water Pipit	8/30-10/24;9/11	3 Lakes area;Ridgway	13;1	DAJ;JRG
	9/21;31-10/27	Guanella Pass;Foothills	10;120	LKM;FAC
	10/12;30	Axial;Ft Morgan	12;2	JW;JCR
	11/3;10	NE Colo;Chatfield	2;8	JR;vo
	11/11	CCRA	1	DFO

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Bohemian Waxwing 11/21	Axial	20	JW
Northern Shrike 10/15--11/7--	E slope;W slope	17;3	vo
Loggerhead Shrike --9/11;8/11	Ridgway;Lamar	3;1	JRG;F&JJ
8/25-9/1;9/24-27	Chatfield;Hanna ranch	12;1-2	F&JJ;CH,KH
9/15;11/2	Ft Collins; Delta	1;1	FBC;MJ

also reported: Eastern Kingbird, Western Kingbird, Say's Phoebe, Western Flycatcher, Western Wood Pewee, Horned Lark, Violet-green Swallow, Tree Swallow, bank Swallow, Rough-winged Swallow, Barn Swallow, Cliff Swallow, Gray Jay, Blue Jay, Steller's Jay, Scrub Jay, Black-billed Magpie, Common Raven, Common Crow, Clark's Nutcracker, Black-capped Chickadee, Mountain Chickadee, White-breasted Nuthatch, Red-breasted Nuthatch, Pygmy Nuthatch, Brown Creeper, Dipper, House wren, Long-billed Marsh Wren, Canyon Wren, Rock Wren, American Robin, Hermit Thrush, Mountain Bluebird, Townsend's Solitaire, Ruby-crowned Kinglet, Cedar waxwing.

Vireos and Warblers

A Hutton's Vireo was reported from Eagle in August, but no details were available at the time of writing. Most observers described the warbler migration as being unusually heavy, although species diversity was not great. The Prothonotary Warbler (Sept. 5) at Eleven Mile Reservoir was the first mountain record. The most unusual warbler occurrence was the "invasion" by Black-throated Blues. No Ovenbirds, Chestnut-sided, Palm or Grace's were reported.

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Hutton's Vireo 8/2*	Eagle	1	JM
Solitary Vireo 8/11-9/29	E slope(pk;9/15-25)	18	vo
--9/9;9/22	Ridgway;Axial	2;2	JRG;JW
Red-eyed Vireo --8/22;5	Boulder;Chatfield	1;1	BEC;F&JJ
8/26;30	Ft Morgan;CU	1;1	JCR;ME
9/14;15	Lyons;Ft Collins	1;1	CW;FBC
9/22	Franktown	1	MOS
Black-and-white Warbler 9/9-15;10/22-27	Foothills;CU	2;1-2	FAC;MM,BS
Prothonotary Warbler 9/5*	11 Mile R	1	HL
Woodcocking Warbler 8/26	Lyons	1	CW
Tennessee Warbler 8/17-9/22	Ridgway	1	JRG
9/13-11/8;10/21	Foothills;CU	3;1	FAC;MH
Nashville Warbler 8/27;9/8	Ridgway;Durango	1;2	JRG;EF
9/9-10/1;10/19-11/13	Foothills;CU	2;1*	FAC;ME
Northern Parula 9/9;10/12	Chatfield;CU	1;1	F&JJ;MM
Magnolia Warbler 9/25-27;10/8	CU;Pueblo	1;1	MM;VAT

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Black-throated Blue Warbler	9/15-17;9/26	CU;Lyons	1;1	vo;JA
	11/2-6;11/3	Green Mt;NE Colo	1;1	ME;JR
	11/19	Buena Vista	1	O&HM
Yellow-rumped("Myrtle") Warbler	10/1-28;10/12	Foothills;Denver	7;1	FAC;MOS
	10/19;27	CU;Chatfield	1;3	MM;F&JJ
Black-throated Gray Warbler	--9/19	Ridgway	2	JRG
Townsend's Warbler	8/11;24	RMNP;Gunnison	1;1	LKM;MJ
	8/28;9/5	3 Lakes area;Estes Park	2;2	DAJ;WKH
	9/13-10/9;9/15	Foothills;Franktown	5;1	FAC;MOS
	9/26-10/3	Ridgway	2	JRG
Blackburnian Warbler	9/16;10/30*	Bear Creek;Marshdale	1;1	BP;ECT
Bay-breasted Warbler	9/25	CSU	1	C&BB
Blackpoll Warbler	9/18;11/18	Aurora;CU	1;1	MOS;MM
Northern Waterthrush	9/5;18	CU;Lyons	1;1	MM;CW
Yellow-breasted Chat	8/5-9/1;8/22-9/14	Chatfield;Lyons	3;6	F&JJ;CW
	9/3-5	Ridgway	1	JRG
American Redstart	9/3;5,10/22	Foothills;CU	5;1,1	FAC;MM
	9/9;13	Chatfield;Denver	1;1	F&JJ;HEK

also reported: Starling, Warbling Vireo, Orange-crowned Warbler, Virginia's Warbler, Yellow Warbler, Yellow-rumped ("Audubon's") Warbler, MacGillivray's Warbler, Common Yellowthroat, Wilson's Warbler.

Meadowlarks through Buntings

A Summer Tanager at Ridgway Nov. 7 provided a first latilong record for that block, as did a Common Grackle at the same locality Nov. 27. Almost every report noted an absence of Cassin's Finches; this certainly warrants close observation. Siskins too were reported in low numbers, but much less critically. A two hour flight of 50 Pine Grosbeaks at the Hack Ranch near Jefferson Oct. 14 must have been spectacular. Two albino Evening Grosbeaks were present off and on at a Boulder feeder in August and September. Rosy Finches arrived with the snow in Gunnison Oct. 29, and were easy to find at the Bluebird Motel, Grand County.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Eastern Meadowlark	8/4-5	Red Lion	1	RCR
Rusty Blackbird	11/12	nr Youngfield	1	PE
Summer Tanager	8/15;11/7*	Boulder Cr;Ridgway	1;1	RVZ;JRG
Cardinal	11/18	NE Colo	1	JR
Rose-breasted Grosbeak	9/28	Pueblo	1	VAT
Rose-breasted x Black-headed Grosbeak	10/27	Durango	1	GC

<u>Species</u> <u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observers</u>
Blue Grosbeak			
8/11;22	Lamar;Longmont	3;4	F&JJ;VD
8/28-9/5;9/1	Lyons;Chatfield	3;2	CW;F&JJ
9/13	Axial;Ft Collins	1;1	JW;F&C
Indigo Bunting			
8/21;30	Foothills;Lyons	4;1	F&C;CW
9/27	Midway	1	JRG
Purple Finch			
8/24-27;11/19-24	Durango;Ft Collins	1;1	GC;R&AR
Pine Grosbeak			
---;8/26	3 lakes area;Glenwood	12;"some"	DAJ;JM
9/2;9/13-11/20	Alma;Foothills	5;9	CC;F&C
10/14;11/22	Jefferson;Ft Collins	50;14	CH;KH;vo
Gray-crowned Rosy Finch			
10/16,11/28;11/-	3 Lakes area;Eldora	10,6;flocks	DAJ;BBC
11/10;23	Castlewood Canyon SP;Axial	3;100	JR;JW
Brown-capped Rosy Finch			
9/30;10/13	BMNP	150;160+	CS;CB
10/16,11/28;10/29--	3 Lakes area;Gunnison	64,100+;10-20	DAJ;KJC
11/-	Eldora	"occasional one"	BBC
Red Crossbill			
---;8/4-23	Boulder;3 Lakes area	35+;10	vo;DAJ
8/23-9/27;11/19	Foothills;Denver	17;1	F&C;HEK
Lark Bunting			
8/10;10/9/1'	Loveland;3 Lakes area;Chatfield	5;1;3	RH;DAJ;F&JJ

also reported: House Sparrow, Western Meadowlark, Yellow-headed Blackbird, Red-winged Blackbird, Northern ("Bullock's") Oriole, Brewer's Blackbird, Common Grackle, Brown-headed Cowbird, Western Tanager, Black-headed Grosbeak, Lazuli Bunting, Evening Grosbeak, Cassin's Finch, House Finch, Pine Siskin, American Goldfinch, Lesser Goldfinch, Green-tailed Towhee, Rufous-sided Towhee.

Sparrows through Snow Bunting

Rigli described an invasion of Vesper Sparrows beginning Aug. 23 and lasting at least two months--the most he has seen since he began recording in 1962. Of 870 reported Dark-eyed Juncos, 60% were of unidentified race, 25% Oregon, 3% Slate-colored, and 3% White-winged. Again the need for observers to identify this species to race must be stressed. Williams' banding project at Lykins Gulch shows quite a difference in the peak of migration for the Oriantha and Gambelli races of the White-crowned Sparrow, as shown by this simple table:

	<u>9/12-19</u>	<u>9/20-27</u>	<u>9/28-10/4</u>	<u>10/5-12</u>	<u>10/13--</u>
Oriantha	5	2	0	1	0
Gambelli	1	20	32	9	5

It would be highly interesting to see if observers could reaffirm this by identifying these subspecies. These races are told apart by the position of the black stripe above the eye, as shown:



Oriantha race
(Mountain White-crown)



Gambelli race
(Gambel's White-crown)

The black stripe on the Oriantha race starts from and fills the space in front of the eye, giving it a frowning appearance, while on the Gambelli it starts from the top of the upper mandible, giving it a less unhappy look. All Fox Sparrows identified to subspecies were of the rusty form.

<u>Species</u>	<u>Date</u>	<u>Location</u>	<u>Number</u>	<u>Observer</u>
Savannah Sparrow	8/25-9/9;--9/15	Chatfield;Jefferson	20;10	F&JJ;CH,KH
Baird's Sparrow	8/25	Chatfield	10	PJ
Cassin's Sparrow	8/5	s of Fountain	1	EW,vo
Sage Sparrow	10/4	Grand Jct	1	RL
	10/4-6;11/4-11	Delta	11;31	MJ
Tree Sparrow	8/26*	Waterton	1	F&JJ
Clay-colored Sparrow	8/21-10/2;9/3-11/9	E slope;Ridgway	83;1	vo;JRG
	9/15	Pt Collins	64	PBC
Brewer's Sparrow	8/17-9/28;9/9-25	Ridgway;Axial	5;18	JRG;JW
	9/15	Foothills;Pt Collins	2;3	FAC;PBC
Harris' Sparrow	10/13;14	Ft Morgan;Boulder	1;1	JCR;BBC
	11/1--	all state;mostly single ind	15+	vo
White-throated Sparrow	9/5;29	Lyons;Ft Morgan	1;1	CW;JCR
	10/10-11/16;10/12-11/11	CU;Boulder	3;4	MM;BBC
	10/23-11/9;11/5-10	Ridgway;Ft Collins	1;1	JRG;R&AR
	11/3,18;11/15	NE Colo;Colo Spr	2,1;1	JR;J&RW
Zonotrichia, sp	9/20	CU	1	MM
Fox Sparrow	8/21-23;10/3-11/1	Ridgway;Foothills	1;2	JRG;FAC
	10/12;11/7	Ft Morgan;Sawhill Ponds	1;1	JCR;CB
Chestnut-collared Longspur	8/6	Pawnee Nat Grassland	2	FAC
McCown's Longspur	8/8;9/22	Pawnee;Ft Morgan	2;5	FAC;JCR
	11/24;30	Two Buttes R;Pueblo West	75-100+;1	VAT
Lapland Longspur	10/11	Pueblo West	1	VAT
Snow Bunting	11/9	s of Granby	2	DAJ

also reported: Vesper Sparrow, Lark Sparrow, Dark-eyed Junco (3 forms), Gray-headed Junco, Chipping Sparrow, White-crowned Sparrow, Lincoln's Sparrow, Song Sparrow.

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ABBREVIATIONS:

a	adult	i	immature
BAS	Boulder Audubon Society	L	Lake
BBC	Boulder Bird Club	MV/ANWR	Monte Vista/Alamosa
BMK	Blue Mesa Reservoir		National Wildlife Refuge
CCRA	Cherry Creek Recreation Area	ob	observer(s)
		pk	peak
CFO	Colorado Field Ornithologists	R	Reservoir
		RMNP	Rocky Mountain National Park
CU	University of Colorado at Boulder	UPI	United Press International
DFO	Denver Field Ornithologists		
FAC	Foothills Audubon Club	vo	various observers
FBC	Fall Bird Count		

AN UNUSUALLY LARGE CLUTCH FOR GREAT HORNED OWLS

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The Great Horned Owl (Bubo virginianus) is a relatively common raptor on the plains of eastern Colorado wherever small groups of trees are established. These large owls are often flushed from cottonwoods along dry streambeds of the Pawnee National Grasslands and are frequently seen in the shelterbelts of plain's farmsteads. During 1977 through 1979, I followed one particular pair of owls nesting in a two-hectare Siberian elm woodlot north of Ft. Collins.

On 17 March 1979 I visited the woodlot to check the year's nesting attempt and found the female incubating a clutch of four eggs. Great Horned Owls typically raise a brood of two young, and reports of three or more young are unusual for the western United States (Craighead and Craighead, 1969).

During the three years, the owls changed their nest sites to different areas of the woodlot. On 12 March 1977, after the female flushed from a nest 5 m up an old Siberian elm, I found three eggs. By 3 April all three eggs had hatched but one of the owlets died soon thereafter. Two young fledged that year. I weighed these young several times during their growth. These data (Table 1) indicate one was male and the other female. On 11 March 1978 I found the original female owl incubating eggs, this time on a nest nearly 10 m high in an elm. Dave Erickson climbed the tree and found two eggs. Both owlets subsequently fledged despite considerable human disturbance.

During 1979 I located a number of Great Horned Owls nesting in and near Ft. Collins. These owls all raised broods of one or two young. The pair at the elm woodlot was unique in their attempt at a large brood. By 6 April all four young had hatched; the smallest owl appeared to be two days old. Dr. Ronald A. Ryder and I weighed and banded the nestlings on 26 April. The weights (Table 1) indicate that at this time the parents were providing adequate prey. Portions of cottontail rabbits were found in the nest with the nestlings on two of four visits. However, on 4 May, after a couple days of cool rainy weather, I found only three young in the nest. The smallest banded bird was missing but several sheathed primaries were found at the base of the nest.

Both the behavior and appearance of the adult owls identified the nesting pair in 1979 to be the same individuals of the previous two years. The female was decidedly lighter in plumage than other horned owls of this region. The male presented a sharp contrast to his mate exhibiting the typical darker color phase of this area.

An interesting question concerning the various clutch sizes of this pair is, what mechanism was controlling the number of eggs laid? Also, why was the elm woodlot pair attempting such a large brood when other owls in the area were experiencing normal production?

I would like to thank David Erickson for the 1978 information in Table 1. Assistance and encouragement in the field and in preparation of the manuscript were given by Dr. Ronald A. Ryder and Brian Milsap.

References:

Craighead, J.J., and F.C. Craighead, 1969: Hawks, Owls, and Wildlife. Dover Publications, New York.

TABLE 1

A comparison of weights for nestling Great Horned Owls of different clutch sizes from an elm woodlot in Larimer County, Colorado, for three consecutive years. Weights for each year were measured on one day; each weight represents a different owl.

Year	Nestling Weight (Grams)			
	Approx. Age (Days)			
	22	24	26	28
1977	731	727	A third owl had died	
1978	636	775		
1979	540	755	755	885



GREAT HORNED OWL--sketch by TIM MANOLIS of Boulder

WINTER REPORT: DECEMBER 1979 THROUGH FEBRUARY 1980

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The winter season of 1979-80 was warmer and wetter than the Colorado averages. Record snowfalls blanketed the Front Range from Thanksgiving week on, severely reducing amounts of fieldwork done in that area. West slope observers enjoyed a mild season and evidently took advantage of the weather by spending more time in the field than is usual.

Fewer reports came into this column than we have received for other winters, and certain parts of the state went completely uncovered. Northwestern and southeastern Colorado provided no report, not even the usual ones from Grand Junction and Pueblo. The entire plains region, nearly half the state's total area, was represented by only a single report from an observer who lives in Ft. Morgan and a one-day account from the PNG near the end of the season. I have further reduced the quantity of material by omitting the Christmas Count data; David Hutchinson has compiled that material as usual, and for me to reiterate it here would be a duplication of effort. Besides, the Christmas Bird Count reports are published each year in American Birds.

Despite the aforementioned restrictions, observers located some 161 species during the season. The report of the Great Black-backed Gull (Larus marinus) at Centennial Park in Denver during January has been accepted as a first official state record. Several other rarities are noted in the text; those underlined have been documented and accepted by the Official Records Committee (ORC), whereas those marked with an asterisk are being reviewed by the ORC. The ORC findings will be published in the Journal at a later time.

Gaviiformes through Ciconiiformes- Common Loon- 1 was at Chatfield on 12/1 (FJ,JJ) for the only report...*Red-necked Grebe- 1 was at Valmont 2/9-12 (CB,LH)...Western Grebe- last in the state were 2 at Chatfield on 12/8 (FJ,JJ,HEK)... Pied-billed Grebe- did not winter in Colorado this year; last seen were 1 at Ridgway on 12/7 (JRG) and 6 at Chatfield the next day (FJ,JJ)... White Pelican- 1 injured adult spent the month of December at Barr Lake (JR)... Double-crested Cormorant- latest reported was 1 at Chatfield on 12/1 (FJ,JJ)... Great Blue Heron- wintered wherever open water was available... Black-crowned Night Heron- 1 was in the Clear Creek Greenbelt on 12/1 (PE), and 1 was seen three times 12/13-30 along the S. Platte in Denver (RA).

Anseriformes- Canada Goose- impressive numbers wintered in eastern Colorado, as evidenced by Colorado Division of Wildlife aerial survey counts of 88000+ in the southeastern quarter of the state on 12/12 and 60000+ in the northeastern quarter on 12/12 and 1/8-9...*Ross' Goose- this rare goose was found once during the season: 1 adult near Eaton on 12/28 (AH)... Gadwall- a pair with 5 feathered, but apparently flightless, young at Blue Mesa Res. on 12/13 provided a real surprise for the observer who found them (KC)... Cinnamon Teal- spring arrival date was 2/2 at Durango (EF)... Northern Shoveler- 1 was at Chatfield on 12/1 (FJ,JJ) and 1350 were on Sloan's Lake 12/14 (JVR)... Wood Duck- 1

drake was at Centennial Park (Denver) on 12/8 and 1 was there on 2/18 (FJ,JJ)... Canvasback- very scarce on the east slope, the single report listing 8 at Valmont on 12/1 (BAS); 5 were on Lake Granby 12/7 (DAJ), and the 3 that arrived at Sweitzer Lake, Delta County, on 1/1 increased to 55 by the end of the period (MJ)... Greater Scaup- 1 at Lyons on 12/26 (ML) constituted the season's only report for this rather rarely noted duck... Barrow's Goldeneye- arrival was early at Estes Park (WR), but the major concentrations were to be found on the west slope, specifically along the Colorado River: counts of upto 50/day in eastern Middle Park (DAJ) and a flock of 20 near Glenwood Springs (MB)... Bufflehead- latest were 3 at Chatfield on 12/8 (FJ,JJ) and 1 at Boulder on 12/9 (BAS)... Ruddy Duck- 8 at Chatfield on 12/8 (FJ,JJ) were the last of the year... Hooded Merganser- only noted at Denver, 4 on 12/4 (JR), and Boulder, 2 on 12/1 and 5 1/11-12; a very poor showing... Red-breasted Merganser- very scarce this year, with only 1 at Chatfield on 12/8 (FJ,JJ) and 4 at Valmont on 1/12 (JH).

Falconiformes- Goshawk- the two plains observations involved single birds at Cherry Creek Res. on 12/1 (JR) and Loveland on 12/25 (FAC)... Cooper's Hawk- poorly reported this season, only 8 individuals altogether; 6 were along the Front Range and 2 were at Ridgway (JRG)... Red-tailed Hawk- the reports indicated that this species wintered at higher elevations and in greater numbers than usual; about 9 of the Harlan's form occurred along the Front Range from Loveland to Chatfield... Rough-legged Hawk- numbers were decidedly low in the Longmont-Loveland area, where only 8 were seen compared to 18 last year; population apparently normal elsewhere... Ferruginous Hawk- good numbers were noted this season, about 27 birds total; all were on the east slope and 22 of the 27 were in Boulder County... Bald Eagle- good numbers wintered in the usual haunts; Cook noted a substantial percentage of immature birds in the Gunnison Valley, a ray of hope for this sadly diminished species... Osprey- rare winter sightings included 1 at Hygiene on 12/29 (MF), 1 at Durango on 2/9 (EF,RE) and another at the latter location on 2/23 (JB,LS)... Prairie Falcon- rather well-reported, about 33 individuals in all... Peregrine Falcon- a probable Peregrine was at Ridgway on 12/16 (JRG) and single birds were reported at Durango on 1/18 and in mid-February (fide EF)... Merlin- about 9 individuals noted, all in the northeastern quarter of the state... American Kestrel- numbers low in the Longmont-Loveland area, about 10 birds compared to 25 last year; 1 at Eagle on 12/30 was a first winter record for that area (JM).

Galliformes through Charadriiformes- Blue Grouse- poorly reported this season, about 5 altogether all in the mountainous areas of Boulder and Larimer Counties... Scaled Quail- observers spent little time in this birds' areas this year, but Abbott found 30 on the Hanna Ranch on 2/17 and 25 there the next day... Chukar- 1 wintered at Evergreen (SB,WWB,GC)... Whooping Crane- first spring arrival at the SLV was 1 on 2/9, and 9-12 were present by 2/29; movement about two weeks early (MBS)... Sandhill Crane- 1 was at Barr Lake on 12/23 (DR,JR) and 1 was at Wellington Res. #3 from mid-December until 1/5 (WG,GM); spring migrants were early and numerous in the SLV; 2000 there on 2/9 and 5000 on 2/15 (MBS)... Virginia Rail- the single report listed 1 at Sawhill Ponds on 12/16 (BAS)... American Coot- 6 wintered at a spring-fed pond in the Roaring Fork Valley (RP) and 6 remained in Boulder County until about mid-January... *Least Sandpiper- 1 at the Gunnison airport on 2/26

(KC) was extremely early... Glaucous Gull- very poorly reported this winter, the only sighting involving 1-2 at Centennial Park on 1/12 (FJ,JJ,HEK)... Great Black-backed Gull- the find of this season was 1 individual of this species at Centennial Park 1/1-30 (m. ob.)... Thayer's Gull- 5 Front Range reports listed 8 individuals 12/15-1/30... California Gull- late Californias were 1 adult and 2 in second-winter plumage at Sloan's Lake on 12/24 (JR,JVR).

Columbiformes through Piciformes- Band-tailed Pigeon- 10 in Boulder County on 12/8 (BAS) were the last seen... Mourning Dove- 1 wintered at a feeder in Grand Lake (DAJ), but no other wintering was reported... Screech Owl- a disappointing season with reports of only 4 birds; surely this little raptor is more common in Colorado than this total reflects... Great Horned Owl- though large numbers were found in most areas, the Longmont-Loveland region reported the greatest increase: 25 compared to only 11 the previous winter... Short-eared Owl- large numbers were present at Boulder and Loveland, 20 at the former sight on 1/26 (LH) and 38 at the latter 2/10-24 (FAC)... Boreal Owl- an injured bird was at Estes Park in December (WR) and 1 was near Grand Lake at the end of February (fide DAJ); both reporting observers postulate a small but viable breeding population of this rare owl from RMNP northward... Belted Kingfisher- a kingfisher frequented RAR's feeder in Ft. Collins 12/16-22 and was observed killing and carrying away a small bird on one occasion... Common Flicker- 1 yellow-shafted bird was at Ft. Collins 1/20-2/29 (AR,RAR) and 5 were found in Boulder 12/29-2/16 (BAS)... Red-bellied Woodpecker- single birds were in Boulder 1/19 and 2/9 (LH,AM) and 1/28-2/4 (NS)... Red-headed Woodpecker- a rare winter sighting was 1 at Loveland on 12/19 (FAC)... Yellow-bellied Sapsucker- commoner than usual this winter: 1 wintered at Lyons (FAC) and 5 were noted in Boulder County 12/16-1/23 (HSW,PW)... Williamson's Sapsucker- last in the state was 1 at Durango on 12/1 (fide EF)... Northern Three-toed Woodpecker- 1 was in Boulder County on 1/1 and 2 were there on 1/20 (MF); away from this usual stronghold, 1 was at Westcreek on 12/15 (RW) and 1 was at Evergreen on 2/2 (AK,DK).

Tyrannidae through Cinclidae- *Eastern Kingbird- 1 was at Wellington on 2/10; a nearly incredible report, but the ORC has received documentation (PH)... Say's Phoebe- a late one was in Durango on 12/10 (EF) and an early one was at Ft. Collins on 2/9 (MJ)... *Western Wood Pewee- 1 was reported at Boulder on 1/8 (RVZ); complete documentation will certainly be necessary to support this find... Blue X Steller's Jay- 1 wintered at Grand Lake, where after much effort DAJ was able to photograph it... *White-necked Raven- a probable White-necked was at Ridgway on 2/27 (JRG)... American Crow- fewer than usual in the Gunnison Valley (KC), but large numbers were present at Grand Lake and Boulder... Mountain Chickadee- widespread in and near the mountains, but observers found few large concentrations; evidently the birds found ample wild feed in most areas... Plain Titmouse- observed twice at Ridgway, 2 on 1/15 being the high count (JRG); no other report... Bushtit- the only report listed 20 at Ridgway on 12/28 (JRG)... Red-breasted Nuthatch- not really a flight year, but small numbers of this species were widespread in and near the mountains... Brown Creeper- a good year for this species, especially in the Gunnison Valley and at Grand Lake where numbers were substantially above average... Dipper- this species is beginning to repopulate the flood-ravaged Big Thompson Canyon and may now be found from the Olympus Dam to Drake (WR).

Troglodytidae through Icteridae- *House Wren- 1 at Silt on 2/28 (RP) should certainly be documented... Winter Wren- a rather poor year for this interesting little bird; 1 at Loveland on 12/24 and 1 at Berthoud 1/1-24 (FAC)... Long-billed Marsh Wren- Janos found 4 of this species along the north fork of the Gunnison River on 2/16 and 1 in the same place on 2/25 for the only reports... *Rock Wren- 1 was in Delta County on 2/16 (MJ) for quite a rare winter record... Northern Mockingbird- 1 was at Berthoud 12/1-1/30 (CC) and 1 at Loveland 1/16-17 (FAC)... Brown Thrasher- well-reported this winter, with 5 observations of single birds along the Front Range... American Robin- populations definitely subnormal at Evergreen, Eagle and especially in the Longmont-Loveland area, where the FAC counted only 31 compared to 193 last year... Swainson's Thrush- a very rare winter sighting of this species occurred in the observer's yard in Denver on 1/16 (PE)... Mountain Bluebird- 1 at Boulder on 1/15 (BAS) was the only dead-of-winter observation, but spring arrival was early: 2/29 at Longmont and Ft. Morgan... Ruby-crowned Kinglet- the 7 reports totalled 15 birds at Ridgway, Durango, and Boulder, rather a large number for this species in winter... Water Pipit- 4 were at Chatfield on 12/8 (FJ, JJ), 1 was at Silt on 1/5 (MB) and 1 was in Durango on 2/2 (fide EF)... Bohemian Waxwing- not a major flight year, but flocks of 50-200 were widespread; outnumbered by Cedar Waxwings in most areas... Northern Shrike- although several observers reported reduced numbers of this species, Colorado birders found about 38 Northern's during the season, a fairly strong showing for this rather rare bird... Yellow-rumped Warbler- 2 of the Audubon's form wintered at a Durango feeder (FW) for this season's one record... House Sparrow- RAR reports a very reduced population of this species at Ft. Collins and a coincidental increase among Fringillids at his feeders... Red-winged Blackbird- wintered in greater numbers than usual at high elevations; observers at Ridgway, Gunnison, Eagle, and Grand Lake all reported above average populations in their areas... Rusty Blackbird- the three reports listed 1 at Chatfield on 12/1 and 10 there on 2/18 (FJ, JJ) and 1 at Hygiene on 2/29 (VD)... Common Grackle- unusual winter sightings were 1 at Aurora 12/31 (JR) and 1 at Ft. Morgan on 2/23 (JCR); 1-6 visited RAR's feeder all season.

Fringillidae- Cardinal- this beautiful species occurred in Colorado once this season, a pair in south Denver on 1/12 (FJ, JJ)... Black-headed or Rose-breasted Grosbeak- an almost unheard of winter report for either of these species involved a single individual in the Big Thompson Canyon 1/28-30 (MH)... Evening Grosbeak- feeder watchers unanimously reported subnormal numbers of this bird... *Purple Finch- 1 visited RAR's feeder in Ft. Collins from 11/19 on for the only report (banded on 11/24-RAR)... Cassin's Finch- widespread at feeders throughout the intermountain region; numbers were slightly above average at Longmont and Durango and a bit low at Gunnison, normal elsewhere... Rosy Finches- most observers reported reduced populations of Gray-crowns and Brown-capped, but WWB found Blacks to outnumber Gray-crowns at Red Rocks... Common Redpoll- the two reports listed 1 at Loveland on 12/28 (ML) and 6 in the Big Thompson Canyon on 1/28 (FAC)... Pine Siskin- feeder operators noted huge concentrations of siskins at Colorado Springs (EW) and Ft. Collins (RAR); all observers reported normal to above average numbers... Red Crossbill- more common than usual in Middle Park (DAJ), but hardly noted elsewhere, the few reports coming from Boulder and Larimer Counties... Green-tailed Towhee- 1 in the Roaring

Fork Valley from 12/31 on (RP) was a first winter record for that area... *Lark Bunting- an amazing species to list in a winter report, but JCR found 1 at Weldona on 12/13 and 1 in Ft. Morgan on 1/7... *Baird's Sparrow- another species which doesn't seem to have much of a place on a winter roster, but the BAS listed 1 from Boulder 1/7-9... Juncos- as usual, Oreos dominated the Junco picture in all areas; Front Range and Ft. Morgan observers noted about 55 White-wingeds, a fairly good number... *Chipping Sparrow- 1 wintered at a Durango feeder (FW); 1-8 were noted daily on the Hanna Ranch property (PA)... Harris' Sparrow- rather widespread, but disappointingly few: only about 27 reported... White-throated Sparrow- Boulder County was the place to find this uncommon sparrow, as evidenced by a total count of 31 birds 12/1-2/15 (BAS); the only other White-throated reported sporadically visited a feeder in Ft. Collins (RAR)... Fox Sparrow- 1 was at Baseline Lake 12/16-19 (RJ)... Lapland Longspur- the only report listed 1 on the PNG on 2/24 (CB), a very poor showing for this usually common winter visitor.

Initialed observers- Peggy Abbott (PA), Robert Andrews (RA), June Babcock (JB), Chip Blake (CB), Marc Bosch (MB), Sylvia Brockner (SB), Winston W. Brockner (WWB), Charles L. Campbell (CLC), Kevin Cook (KC), Mr. and Mrs. Garth Coombs (GC), Camille Cummings (CC), Virginia Dionigi (VD), Patty Echelmeyer (PE), Robbie Elliott (RE), Clark Ewing (CE), Margaret Ewing (ME), Mike Figgs (MF), Elva Fox (EF), Walt Graul (WG), J.R. Guadagno (JRG), Larry Halsey (LH), Al Harmata (AH), Paul Harrison (PH), Maxine Hennessee (MH), Louise Hering (LHe), Jim Holitza (JH), Mark Janos (MJ), David A. Jasper (DAJ), Robert Jickling (RJ), Frank Justice (FJ), Jan Justice (JJ), Alicia Kamm (AK), Dieter Kamm (CK), Hugh Kingery (HEK), Mark Lockwood (ML), A. Maley (AM), John Merchant (JM), Gary Miller (GM), Ruth Parkinson (RP), Dorothy Reddall (DR), Jack Reddall (JR), Warner Reeser (WR), J.V. Remsen (JVR), Joe C. Rigli (JCR), Audrey Ryder (AR), Ronald A. Ryder (RAR), Mahlon Speers (MS), Natalie Steinberg (NS), Helen Stiles-Wainwright (HSW), Laura Stransky (LS), Milton B. Suthers (MBS), Ridi Van Zandt (RVZ), Pat Wheat (PW), Florence Whiteman (FW), Elinor Wills (EW), Roberta Winn (RW).

Abbreviations and organizations- Boulder Audubon Society (BAS), Foothills Audubon Club (FAC), Pawnee National Grasslands (PNG), Rocky Mountain National Park (RMNP), San Luis Valley (SLV).

WHITE-TAILED PTARMIGAN NEAR KREMMLING, COLORADO

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On 18 January 1980 I flushed a White-tailed Ptarmigan (Lagopus leucurus) from a small stand of serviceberry (Amelanchier alnifolia) at an elevation of 2654 m on top of Junction Butte, 12 km southeast of Kremmling, Colorado (SW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 22, T1N, R80W). This is the 1st documented sighting of White-tailed Ptarmigan on Junction Butte. On 19 January I collected fecal droppings and followed the bird's tracks in snow northeast for 200 m through serviceberry, stunted aspen (Populus tremuloides), the edge of a Douglas-fir (Pseudotsuga menziesii) stand, and across open snow fields. Tracks often detoured into clumps of serviceberry suggesting possible feeding activity.

Vegetation on top of Junction Butte consists mainly of sparse grass and forbs, patches of serviceberry, snowberry (Symphoricarpos occidentalis), chokecherry (Prunus virginiana), and stunted aspen, and stands of Douglas-fir up to 12 ha in size. Primary winter foods of ptarmigan in Colorado, willow (Salix spp.), mountain dryad (Dryas octapetola), and alder (Alnus spp.) (May and Braun 1972), are essentially absent on Junction Butte. Examination of the fecal droppings by C.E. Braun (pers. comm.) revealed about equal parts of bud scales and stem fragments of Amelanchier spp. and Populus spp.

Most ptarmigan wintering areas in Colorado are above timberline, in subalpine sites near tundra regions, or in willow marshes above 2591 m (Braun, et al., 1976). Nearest known wintering areas for ptarmigan are Dora Mountain and Ute Peak, 73 and 95 km south of Junction Butte, respectively.

Since no subsequent sightings were made, the bird was possibly a transient and did not spend the entire winter on Junction Butte. Females have greater mobility and usually winter farther from breeding areas than males (Braun, et al., 1976) suggesting that the individual sighted was more likely a female.

This is a contribution from Colorado Division of Wildlife Federal Aid Restoration Project W-126-R. I would like to thank David J. Freddy, Clait E. Braun, and Len H. Carpenter for their suggestions and encouragement, and Kevin Berner for his aid in the field.

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A SUMMARY OF 1979 COLORADO CHRISTMAS BIRD COUNTS

by David Hutchinson

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The 1979 count period was December 15, 1979 - January 1, 1980. A request was submitted to compilers of 27 Christmas Bird Counts (CBC) asking for a report of their compilations. Reports were received for 28 counts. Curecanti National Recreation Area started a new count while the Bonny Reservoir Count was cancelled due to blizzard conditions. The following summary was taken from the compilation report submitted by each count compiler. These results will be subject to the scrutiny of American Birds editor and CBC regional editor. Rare or unusual sightings will be subject to the action of the CFO records committee. There were 155 species (SP), 6 additional races (RA), 2 forms (FO) and 2 hybrids (HY) with about 195422 individuals reported for 27 Colorado CBC compilation reports. An additional 6 species were reported during the respective count weeks (CW).

DAY	OBS	TOTAL				INDIV- IDUALS	
		NUMBER	PARTY	#	#		
SP	RA	FO	HY				
Black Forest	16	12	19	28	2	738	
Boulder	16	89	213	95	3	2	19304
Colorado Springs	15	59	125	77	2	9455	
Curecanti National Recreation Area	16	13	39.5	33		451	
Denver	15	149	267	98	4	1	26794
Durango	29	16	32	51		3749	
Evergreen-Idaho Springs	29	67	108.75	52	3	4550	
Fort Collins	22	45	77	76	2	18508	
Grand Junction	16	23	72	75	1	19344	
Greeley	15	28	48	55	1	17007	
Gunnison	29	20	40	41	1	2582	
Hotchkiss	17	9	21	72	1	4119	
Lake Isabel	23	8	13	57	2	2329	
Longmont	15	36	113.5	72	3	16869	
Monte Vista National Wildlife Refuge	19	1	9	32		8989	
North Park	28	4	18	26		248	
Nunn	29	8	22	21		2862	
Ohio City	22	6	24	23	1	549	
Pike's Peak	31	7	23.75	31	2	656	
Pueblo	30	9	26	82	4	18258	
Pueblo Reservoir	15	10	50	76	2	5052	
Roaring Fork River Valley	15	20	30	62	1	2023	
Rocky Mountain National Park	15	25	48	41	2	1377	
San Luis Valley	15	9	40	20		451	
Steamboat Springs	15	19	20.5	23	1	423	
Weldona-Fort Morgan	31	2	10	61	4	1	7593
Westcliffe	29	1	8.75	32	2	1142	

SUMMARY OF SPECIES REPORTED

Key to columns: A -- Number of counts reporting
 B -- High number, count reporting
 C -- Total individuals

	A	B	C		A	B	C
Horned Grebe	1	3 Bo	3	W Grebe	2	1 Bo,De	2
Pied-billed Grebe	6	12 Bo	27	Great Blue Heron	13	22 PR	100
Whistling Swan	1	1 FC	1	Canada Goose	14	9840 FC	27417
Wh-fr Goose		CW De		Snow Goose	3	5 GJ	7
Mallard	23	9029 Gr	31894	Gadwall	9	22 De	26
Pintail	11	400 Lo	639	Grn-winged Teal	16	315 GJ	981
Am Wigeon	14	277 RF	1054	N Shoveler	2	15 CS	24
Wood Duck	3	3 De	6	Redhead	7	71 Bo	131
Ring-necked Duck	7	51 Bo	151	Canvasback	4	7 Bo	19
Lesser Scaup	8	49 Bo	88	Common Goldeneye	13	79 Du	450
Barrow's Goldeneye	2	4 RF	6	Bufflehead	8	10 Gr	24
Oldsquaw	1	1 PR	1	Ruddy Duck	1	1 Bo	1
Hooded Merganser	4	6 De	12	Common Merganser	15	501 Bo	760
Red-br Merganser	1	5 Bo	5	Duck, sp	2	200 CS	393
Goshawk	8	4 Bo	14	Sharp-sh Hawk	11	8 GJ	32
Cooper's Hawk	11	4 GJ	19	Accipiter, sp	1	1 De	1
Red-t Hawk	23	35 Lo	240	R-t(Harlan's)Hawk	4	5 Bo,Lo	14
Swainson's Hawk	3	3 Gr	7	Rough-legged Hawk	22	45 Bo	189
Ferruginous Hawk	8	9 Bo	26	Buteo, sp	4	7 De	19
Golden Eagle	21	13 De	77	Bald Eagle	17	17 Cu	61
(27a,24i,26u)				(37a,19i,5u)			
Marsh Hawk	19	24 Ho	177	Prairie Falcon	15	8 De	45
Peregrine Falcon		CW Bo		Merlin	11	2 De,Du,	16
Am Kestrel	19	58 GJ	260			Gr,LI,Pu	
Hawk, sp	1	2 PP	2	Blue Grouse	3	6 SS	12
Wh-t Ptarmigan	1	10 RM	10	Sage Grouse		CW NP,SS	
Scaled Quail	2	65 PR	84	Gambel's Quail	1	143 GJ	143
Ring-n Pheasant	10	28 Lo	157	Chukar	3	17 Ho	26
Turkey	3	10 RF	27	Sandhill Crane	1	1 FC	1
Virginia Rail	4	3 WF	7	Sora	2	1 Ho,Pu	2
Am Coot	8	105 De	187	Killdeer	14	39 CS	149
Common Snipe	16	57 WF	214	Gt Yellowlegs	1	1 Ho	1
Herring Gull	7	132 De	191	California Gull	2	3 Cu	5
Ring-b Gull	6	883 De	971	Gull, sp	1	1 De	1
Rock Dove	21	1055 GJ	5684	Mourning Dove	8	568 GJ	754
Barn Owl	1	2 Gr	2	Screech Owl	3	3 De,PR	7
Gt Horned Owl	20	16 De	77	L-eared Owl	6	19 Ho	40
S-eared Owl	4	5 MV	10	Boreal Owl		CW RM	
Belted Kingfisher	18	36 De	146	Common Flicker	7	115 Lo	551
Com(Y-sh)Flicker	3	10 WF	14	Com(R-sh)Flicker	16	190 Bo	556
Com(Y&R)Flicker	3	58 WF	61	Red-h Woodpecker		CW PR	
Lewis' Woodpecker	9	15 Ho	50	Y-bel Sapsucker	5	3 Bo	7
Hairy Woodpecker	18	43 Bo	168	Downy Woodpecker	20	63 De	255
Lad-back Woodpecker	1	1 CS	1	N Thr-t Woodpecker	1	2 Bo	2
Say's Phoebe	2	1 GJ,Ho	2	Horned Lark	20	2935 Pu	9536
Gray Jay	5	14 EI	24	Blue Jay	9	52 Gr	215
Steller's Jay	19	341 De	1390	Scrub Jay	12	141 CS	293

	A	B	C		A	B	C
Blk-b Magpie	26	1406	De 4849	Common Raven	23	199	Gu 893
Wh-n Raven	1	2	LI 2	Common Crow	22	1074	CS 3460
Pinon Jay	3	322	RF 355	Clark's Nutcracker	8	41	EI 90
Blk-cap Chickadee	25	473	De 1502	Mountain Chickadee	23	478	De 1874
Plain Titmouse	3	4	GJ,PR 9	Bushtit	1	22	De 22
Wh-br Nuthatch	20	58	Bo 209	Red-br Nuthatch	12	37	De 101
Pygmy Nuthatch	11	267	De 749	Brown Creeper	21	42	De 220
Dipper	13	22	Gu 121	House Wren	2	1	De,RF 2
Winter Wren	1	1	De 1	Bewick's Wren	3	7	Pu 10
L-bill Marsh Wren	4	16	Ho 21	Canon Wren	6	11	De 35
Rock Wren	4	2	CS,PR 6	Mockingbird	3	1	De,GJ,FC3
Brown Thrasher	2	2	Bo 3	Curve-b Thrasher	1	1	Pu 1
Sage Thrasher	1	1	PR 1	Am Robin	16	373	Bo 1455
E Bluebird			CW PR	W Bluebird	1	89	PR 89
Mountain Bluebird	6	232	PR 296	Town Solitaire	20	206	Bo 719
Bl-gr Gnatcatcher	3	3	Ho 6	Golden-cr Kinglet	5	17	Bo 37
Ruby-cr Kinglet	5	13	GJ 26	Water Pipit	6	9	Pu 17
Bohemian Waxwing	6	580	EI 1371	Cedar Waxwing	9	75	FC 331
N Shrike	20	14	De 80	Loggerhead Shrike	9	6	GJ 18
Shrike, sp	1	1	Cu 1	Starling	24	5559	Du 29961
Y-r(Myrtle)Warbler	2	1	Bo,PR 2	Y-r(Aud)Warbler	5	16	Ho 23
Pine Warbler	1	1	De 1	MacGill Warbler	1	1	Ho 1
House Sparrow	24	1302	GJ 8341	W Meadowlark	16	397	WF 1377
Y-h Blackbird	1	6	FC 6	Red-w Blackbird	17	7808	Pu 19750
Rusty Blackbird	3	15	LI 20	Brewer's Blackbird	13	384	GJ 1125
Gt-t Grackle	1	1	LI 1	Common Grackle	7	5	FC 16
Bn-headed Cowbird	2	93	Ho 103	Evening Grosbeak	11	285	De 853
Purple Finch	2	8	PP 9	Cassin's Finch	13	299	EI 877
House Finch	17	1526	De 3402	Pine Grosbeak	5	22	RM 47
Gr-cr Rosy Finch	10	175	Nu 811	Gr-cr(Gr-head race)	1	12	EI 12
Black Rosy Finch	6	20	Gu 43	Bn-cap Rosy Finch	7	738	Gu 1137
Rosy Finch, sp	3	64	PP 139	Common Redpoll	1	17	De 17
Pine Siskin	15	417	CS 1645	Am Goldfinch	14	94	PR 428
Lesser Goldfinch	4	13	CS 30	Red Crossbill	4	154	De 272
Grn-t Towhee	1	1	CS 1	Ruf-sided Towhee	10	34	De 84
Brown Towhee	3	6	PR 8	Savannah Sparrow	2	2	PP 3
Vesper Sparrow	1	1	Pu 1	D-e(Wh-w)Junco	13	61	De 183
D-e(Sl-col)Junco	20	338	De 1826	D-e(Oregon)Junco	24	789	De 4647
D-e(Or(P-s) form)	2	139	De 171	Dark-eyed Junco	4	872	Du 1441
Gr-headed Junco	18	533	Du 2290	Junco, sp	8	444	CS 1058
Tree Sparrow	21	861	De 2290	Chipping Sparrow	2	10	GJ 11
Harris' Sparrow	10	23	WF 58	Wh-cr Sparrow	14	521	Pu 1356
Wh-thr Sparrow	3	3	Bo 7	Fox Sparrow	5	3	De 9
Lincoln's Sparrow	1	3	Pu 3	Swamp Sparrow	4	9	WF 14
Song Sparrow	20	194	De 981	Sparrow, sp	1	75	WF 75
Lapland Longspur	4	11	Pu 19	Longspur, sp	1	1	WF 1

1980 COLORADO CHRISTMAS COUNTS

<u>Location</u>	<u>Date</u>	<u>Contact</u>	<u>Phone</u>
Black Forest	not set	Hugh Kingery, Denver	333-0161
Bonny Reservoir	Sat Jan 3	Paul Julian, Boulder	499-9107
Boulder	Sun Dec 21	Barry Knapp, Boulder	494-8390
Colorado Spgs	Sat Dec 27	Ed Curry, Colo Spgs	634-7303
Curecanti Nat'l Rec Area	Sun Dec 21*	Don Hill, Gunnison	641-0403
Denver	Sat Dec 20	Mary Jane Schock, Denver	922-3144
Durango	Sat Dec 27	Kip Stransky, Durango	247-8138
Evergreen-Idaho Springs	Sat Dec 27	Fran Enright, Evergreen	674-2657
Fort Collins	Sat Dec 27	Ron Ryder, Fort Collins	482-8089
Grand Junction	Sat Jan 3	Mary Fischer, Grand Junction	242-7978
Greeley	Sun Jan 4	Gretchen Cutts, Greeley	351-0166
Gunnison	Sat Dec 20	Don Hill, Gunnison	641-0403
Hotchkiss	not set	Theo Colborn, Gunnison	641-2747
Lake Isabel	Sat Jan 3*	Dave Griffiths, Pueblo	584-3859
Longmont	Sat Dec 20	Virginia Dionigi, Hygiene	776-2609
Monte Vista NWR	not set	Jon Kauffeld, Monte Vista	852-5872
North Park	Mon Dec 29	John Wagner, Walden	723-4676
Nunn	Tue Dec 23	Clait Braun, Fort Collins	493-2841
Ohio City	Sat Dec 27*	Patrice Boyd, Pitkin	641-1704
Pikes Peak	Wed Dec 31	Mahlon Speers, Colo Spgs	632-6148
Pueblo	Sat Dec 27	Dave Griffiths, Pueblo	584-3859
Pueblo Reservoir	Sat Dec 20	Jerry Ligon, Pueblo	564-4985
Roaring Fork River Valley		Marc Bosch, Glenwood Springs	
Rocky Mountain National Park	Sat Dec 20	Ron Ryder, Fort Collins	482-8089
San Luis Valley	not set	Dennis Lamb, Alamosa or Dave Montgomery, Alamosa	589-3183 589-5417
Steamboat Spgs	Sat Dec 20	Anselm Dines, Steamboat Spgs	879-5284
Weldona-Ft Morgan	Mon Dec 22	Dave Hutchinson, Loveland	667-8413
Westcliffe	Fri Dec 26	Van Truan, Pueblo	547-3735

An * means that the date is not yet certain.

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