C.F.O. Journal

The Colorado Field Ornithologists' Quarterly



NC STATE MUSEUM OF NATURAL SCIENCE:

VOL. 24, NO. 4 C.F.O. JOURNAL

FALL 1990



C.F.O. JOURNAL (ISSN-0362-9902) is published quarterly by the Colorado Field Ornithologists, 1225 W. Myrtle St., Fort Collins, CO 80521. Second Class Postage paid at Fort Collins, CO 80521. POSTMASTER: Send address changes to: C.F.O. Journal, 50152 Hwy. 72, Peaceful Valley, Lyons, CO 80540.

ANNUAL MEMBERSHIP DUES (renewable at the beginning of the year); Regular \$12; Contributing \$15; Supporting \$30; Sustaining \$100. \$10 of the annual membership dues pays for a one year subscription to the C.F.O. Journal. All members receive the C.F.O. Journal. Contributions are tax deductible to the extent allowed by law.

OFFICERS OF THE COLORADO FIELD ORNITHOLOGISTS:

President: Bill Prather, 13810 Weld Co. Rd. 1, Longmont,

CO 80504.

Vice President: David E. Martin, 9330 W. 90th Dr., Westminster,

CO 80021.

Secretary: Beth Dillon, 1225 W. Myrtle St., Fort Collins,

CO 80521.

Treasurer: Steve Bouricius, 50152 Hwy. 72, Peaceful

Valley, Lyons, CO 80540.

Directors: Susan Allen, Crested Butte; Mike Carter, Denver;

Coen Dexter, Grand Junction; Paul Opler, Fort Collins; David Silverman, Rye; Linda Vidal,

Aspen.

Journal Editor: Mark Janos, 10 Sedum Ct., Pueblo, CO 81001.

C.F.O. OFFICIAL RECORDS COMMITTEE:

Duane Nelson (Chairman), Colorado Springs; William Brockner, Evergreen; Coen Dexter, Grand Junction; William Howe, Ft. Collins; Mark Janos, Pueblo; David Silverman, Rye; Van Truan, Pueblo; Nick Watmough, Denver.

C.F.O. 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: Mark Janos, 10 Sedum Ct., Pueblo, CO 81001. Send rare bird reports to: CFO Official Records Committee, c/o Zoological Collections, Denver Museum of Natural History, City Park, Denver, CO 80205. Send membership inquiries, renewals, and change of address to Steve Bouricius, 50152 Hwy. 72, Peaceful Valley, Lyons, CO 80540.

TABLE OF CONTENTS

A NOTE FROM THE EDITOR	110
REPORT OF RECENT BOARD MEETINGS	111
1990 C.F.O. CONVENTION REPORT	112
BREEDING BIRD ATLAS UPDATE	119
FOOD ITEMS OF COLORADO BIRDS III	120
STRANGE LADY	125
1990 C.F.O. MEMBERSHIP	128
C F O TOURNAL INDICES TO VOLUME 24: 1990.	140

COVER PHOTO: Boreal Owl, photographed by Joe Roller on Cameron Pass on June 24, 1990. Staring back at the owl were over 250 American Birding Association convention members who attended this year's A.B.A. Convention held in Ft. Collins.

A NOTE FROM THE EDITOR ...

First the bad news:

I'm sure that you will immediately notice something missing from this issue of the $\underline{\text{C.F.O.}}$ Journal. For the first time since I began to edit the Journal in 1988 there is no "News From the Field" seasonal report from David Martin. I am sorry to note this change, for after 11 consecutive reports, David has become something of an institution in Colorado. He produced, what in my opinion, is the finest "Bird Alert" taped rare bird report in the country and then used his screened and carefully collated data to write "News From the Field."

If you have ever written a seasonal report, then you have an idea of the amount of time and careful thought that David put into these reports. By consistently producing a beautifully readable report within a week of the end of each season, David was largely responsible for allowing the C.F.O. Journal to get back on a timely schedule. I don't think that there is anyone else in Colorado's birding community who combines a gift for easy-reading with on-the-spot access to the latest birding information. This combination produced a distinctive and timely report that was marked by verve and amiable good humor. I note this change with regret and I want to take this opportunity to thank David for the pleasure that his dedication and hard work brought to all of us.

And then the good:

After a one-issue break, the $\underline{\text{C.F.O.}}$ Journal will again contain seasonal reports beginning with the next issue. Bill Prather has agreed to help me organize this effort and the reports will resume after a one-season hiatus.

For the first time in many years, you will find a current membership directory of the Colorado Field Ornithologist's. I wish to thank Steve Bouricius for providing me with the latest membership roster. The roster is a veritable "Who's Who" of Colorado birding. Browse through the list and you may see the names of some well-known C.F.O. members, then save the list to keep track of your birding friends.

REPORT OF RECENT BOARD MEETINGS

Bill Prather 13810 Weld County Rd. 1 Longmont, Colorado 80504

The CFO Board of Directors has recently approved donating \$500 to the Colorado Bird Observatory to help with expenses for a study on Wilson's Warblers, a species that has shown an alarming decline in recent years. Also the Board has approved continued support of the Colorado Breeding Bird Atlas with a \$250 donation. Last spring, CFO donated \$500 toward the establishment of the hawkwatch.

Current membership dues are running about \$600 more than expenses annually. The treasury has about \$3000 reserve at this time. The Board has generally felt that these funds should be used for worthy ornithological projects.

We are currently planning the 1991 Convention, to be held Aug. 31-Sept. 2 in Durango. We expect to have some great fieldtrips and interesting papers. It has been suggested that a workshop would be good and maybe an owling trip. Any ideas for the Convention are welcomed. We hope that everyone starts making plans early to be there. The more participants, the more fun.

The Board has discussed CFO's relationship with the Denver Museum of Natural History in recent meetings. Betsy Webb and the Museum staff have done an excellent job of improving the filing system of the CFO Records Committee records kept at the Museum and we thank them.

CFO members are welcome at Board meetings. The next meeting will be in early 1991, probably after a fieldtrip. Please contact Bill Prather for information or if you have ideas to make CFO even better.

1990 CFO CONVENTION REPORT

FALL 1990

David Silverman P.O. Box 362 Rye, Colorado 81069

and

Bill Prather 13810 Weld Co. Rd. 1 Longmont, Colorado 80501

The 28th annual convention of the Colorado Field Ornithologists was held June 19 and 20, 1990 in Pueblo. Early arrivals were warmly greeted by members of the Arkansas Valley Audubon Society in the Holiday Inn Friday evening. There was much talk of birds including a Black Duck and a White-winged Dove seen in the Pueblo area. Birders then went to bed to prepare for an early start on the Saturday A.M. fieldtrips.

One fieldtrip led by Dave Silverman birded Lake Minnequa and CF&I Lakes. Exciting birds included Black-chinned Hummingbird, Great-tailed Grackle, and cooperative Soras and Virginia Rails. An adult male Hepatic Tanager was a thrilling surprise and a new bird on many Colorado lists. Many other birds were seen including some Empidonax flycatchers that caused some lively discussion. The other Saturday fieldtrip went to Olive Marsh and was led by Van Truan and George McKinnon. This group found some great warblers including an American Redstart, Magnolia Warbler, and an incredibly beautiful singing male Golden-winged Warbler.

After a great morning of birding, the groups reluctantly left the field for lunch and to get ready for the afternoon paper and business session. Five excellent papers were presented. Abstracts of papers by Ron Ryder, Steve Bouricius, Dr. Alex Cruz, Mike Carter and Duane Nelson follow.

MOVEMENTS OF WATERBIRDS AND RAPTORS BANDED IN LARIMER AND WELD COUNTIES, COLORADO Ronald A. Ryder

Colorado State University

Abstract: Since 1986, 3730 waterbirds (18 species) have been banded by the author, mainly at the Rawhide Energy Station. This includes 1465 Mallards, 835 Redheads, 590 American Coots and 320 Northern Pintails. Most Mallards (51) have been recovered in northern Colorado, but 5 recoveries were from Alberta and 2 from Saskatchewan. Redhead recoveries have come from Texas (3), Saskatchewan and Montana (2 each), with one each from Utah, Nebraska and Mexico. Two coot recoveries are from Oklahoma and one from Mexico. Pintails have been taken as far away as California (3) and Texas (1).

Since 1942, some 30 banders have banded 18 species of diurnal raptors and 9 species of owls in Larimer and Weld Counties. Sixty-five recoveries are known from 967 Prairie Falcons but only 9 from 894 American Kestrels. Fifteen recoveries from 195 Swainson's Hawks include 2 in Colombia and 3 in Argentina. Eighteen recoveries from 325 Ferruginous Hawks include 7 from Texas and 3 from Mexico. Of the owls, only the Barn Owl (170 banded) has yielded out-of-state recoveries, 2 in Texas and 1 in Wyoming.

DESIGN, PLACEMENT AND USE OF A DIPPER NEST BOX ON THE MIDDLE SAINT VRAIN CREEK Steven M. Bouricius 50152 Hwy. 72 Peaceful Valley Lyons, Colorado 80540

Abstract: The American Dipper (Cinclus mexicanus) is a fairly common resident along mountain streams in Colorado. Preferred nest sites include a niche or ledge in a cliff face overhanging deep water, behind a waterfall, or on a ledge of a bridge girder or abutment. They also may nest on a ledge beneath overhanging roots or streamside tussocks, or on a midstream rock. In some areas of otherwise suitable habitat, quality nest sites

are few or nonexistent and might limit a population.

Some experiments showing the successful use of nest boxes by Dippers have been reported but are not widely known. One study of European Dippers (Cinclus cinclus) showed that the breeding success in nest boxes was much greater than in natural nests in the open air. An experiment of American Dippers used a single type of nest box placed in a variety of locations. The only nest boxes used by Dippers were attached to vertical structures (inside a culvert, on a concrete bridge abutment, on the side of a building). No nest attached to a tree was occupied. I noted that even those boxes which were placed in successful locations were vulnerable to and often substantially affected by predators. This led me to develop a predator resistant Dipper nest box by virtue of its design and placement.

A box of modified shape and size was constructed and erected atop a vertical steel pole anchored in a concrete base. The box was located on the Middle Saint Vrain Creek in Boulder County, at an elevation of 2550 m, approximately 300 m east of its intersection with Colorado Highway 72. It could be readily observed from inside my house at a distance of 16 meters. On 05 May 1989, the assembly was securely anchored in the streambed with the box placed 0.56 m above the water. On 21 May, a Dipper pair was first seen carrying nest material to the box. Copulation took place near the box on 24 May. Five eggs were found in the nest on 06 June. All five young were hatched on 17 and 18 June. On 01 July, the five Dipper nestlings were banded by Ronald A. Ryder. Dipper activities were carefully monitored and on 13 July, the last of five Dipper young successfully fledged from the nest box.

COWBIRDS IN SOUTH FLORIDA - POTENTIAL THREATS FROM OPPOSITE DIRECTIONS

Dr. Alexander Cruz

Environmental, Population, and Organismic Biology Department
University of Colorado
Boulder, Colorado 80309-0334

Abstract: Recent changes in the range of two brood parasites, the Shiny Cowbird (Molothrus bonariensis) and the Brown-headed Cowbird (Molothrus ater), have brought them into contact with avian communities in south Florida that have never experienced brood parasitism. Originally confined to South America and Trinidad, the Shiny Cowbird has spread dramatically into the West Indies during the past century, and since 1985 it has been recorded in Florida. From the opposite direction, the North American Brown-headed Cowbird has spread rapidly through peninsular Florida since the 1950's. In addition to providing a unique opportunity to study brood parasitism at an early interfacing of host and parasite populations, the presence of these formerly non-sympatric cowbird species are expected to have important negative consequences for Florida breeding passerines. Both cowbird species are obligate brood parasites that use a generalist strategy in host selection; more than 200 host species have been recorded for each cowbird species. The potential negative implications for host species in Florida are discussed based on work in the West Indies and in Colorado.

STATUS OF LEAST TERNS AND PIPING PLOVERS IN COLORADO Mike Carter

Colorado Bird Observatory Brighton, Colorado 80601

Abstract: Results of the second year of inventories of the South Platte and Arkansas River valleys for Least Terms and Piping Plovers were discussed. Maps plotting locations of historical sightings of both species were also presented. During the second year of inventories, the first nests of Piping Plover in Colorado were discovered. Two pair at Nee Noshee produced 6 young, the first successful nests

ever for the state. Least Terns successfully nested in the Arkansas Valley at Adobe Creek and Nee Noshee Reservoirs. The number of nests and young produced is unknown.

Implications of nesting of the threatened Piping Plover and endangered Least Tern were discussed in relation to future habitat management and protection. The development of a state Recovery Plan for the two species seems likely. Inventories will continue during 1991 with the International Piping Plover Inventory. Volunteers are needed to help.

THE DAKOTA HOGBACK; COLORADO'S FIRST SPRINGTIME HAWKWATCH SITE Duane Nelson Golden, Colorado 81401

Abstract: In a joint project, CFO, CBO and WFRC attempted to locate a major springtime hawk migration corridor within the borders of Colorado. Many potential sites were identified, mostly in locations near high mountain passes or along long north/south trending ridges. The site that was by far the most productive, as well as accessible and normally free of snow was the Dakota Hogback ridge, located only a few miles west of Denver, where the first foothills abruptly rise above the plains.

The count was conducted from the lookout site, which was situated on the highest point of the Hogback (1/4 mile south of the Interstate 70 rock-cut just south of Golden), daily from late March until May 4th. During this period, 2245 migrating raptors were counted. Seventeen species of diurnal raptors were observed. The highest daily count was 306 hawks, while the peak hour saw 91 hawks. For the entire season, an average of over 10 birds/hour was recorded, making it only the second springtime site so far discovered in the western U.S. that meets that threshold. The Dakota Hogback merits continued coverage in future years.

This successful hawkwatch on the hogback west of Denver was supported in part by funds from CFO. In addition to the papers, a presentation was made by the staff of the Pueblo Raptor Center. The audience was delighted by the live raptors they brought, including Bald and Golden Eagles and Barn and Flammulated Owls. Since everyone was excited by the papers and raptors and anxious to chase the rare birds reported in the area, including a Scissor-tailed Flycatcher, the business meeting was short. Bill Prather lauded the excellent jobs done by Dave Martin as Vice-President, Beth Dillon as Secretary, Steve Bouricius as Treasurer, Mark Janos as CFO Journal Editor, and Duane Nelson as Records Committee Chairperson. All the elective officers, including Bill Prather as President, were re-elected for another year. Susan Allen and Dave Silverman were elected to full 3 year terms on the Board of Directors. Both were finishing partial terms on the Board created by vacancies.

The evening banquet was a fun and festive meal where we relaxed with good food and good companionship. Nick Watmough presented an entertaining show of slides taken on a marathon birding trip in Turkey. The slides were excellent and many in the audience were surprised and delighted by the varied habitats and birds of Turkey. Nick asked that his honorarium be given to the family of P.J. Grant, the noted British ornithologist who recently died. A Board meeting followed the presentation. Although CFO members are always welcome at Board meetings, most decided to get some sleep before the Sunday fieldtrips.

Sunday's fieldtrips gave birders a choice between foothills and plains. Jim and Rosie Watts led those choosing the foothills to some great Canon City areas. In Temple Canon, Black-throated Gray Warblers and Gray Flycatchers were found. An enchanting walk along the Arkansas River yielded many birds, including Gray Catbirds and a female Black-Chinned Hummingbird that was gathering gossamer for nesting material. A family of Bewick's Wrens at Brush Hollow Reservoir was a pleasant end to the trip. In all, more than 70 species were seen.

Mark Janos led the trip to the plains east of Pueblo. Exciting birds included a Bay-breasted Warbler at Lake Henry and a Great-crested Flycatcher and Red-bellied Woodpecker at Lamar. A couple of die-hard birders found a female Black-throated Blue Warbler at Lake Beckwith before day's end.

Thanks to the wonderful welcome given by the Pueblo area people. We all had a great time at the convention and we are

indebted to those who led fieldtrips and made presentations for keeping things fun and exciting. I hope everyone makes plans to be in Durango over Labor Day weekend, 1991 for the 29th Annual Convention of the Colorado Field Ornithologists.

BREEDING BIRD ATLAS UPDATE

Hugh E. Kingery 869 Milwaukee St. Denver, Colorado 80206

This update won't update you much, since the August deadline comes before the Atlas Regional Coordinators have processed their field cards.

We can tell you something about the nine bird watchers who participated in the June 2-4 Atlas Rendezvous at the Colorado Division of Wildlife bunkhouse at Two Buttes Reservoir. They covered eight blocks, deemed several completed, and confirmed some interesting southeastern Colorado species. In the Brown Canyon block (37103D3), Randy Lentz, Dick Pratt, and I found two Gray Vireo nests under construction, a first Latilong 27 record. The same block had territorial Hepatic Tanagers.

In other areas: In the Pritchett block (37102C7), Jean Maguire and Joe TenBrink found 30 Long-billed Curlews and two Chihuahuan Raven nests. Van Truan, doing work for the Atlas and for the Department of the Army in the Pinyon Canyon area of Las Animas County, found two Hepatic Tanager nests (probably the same pair renesting after an unsuccessful first attempt) in Doss Canyon North (37103D7). He also confirmed Eastern Phoebe nesting in Rock Crossing (37103D8), probably Colorado's western-most nesting record.

Other interesting preliminary reports: fledgling Barrow's Goldeneyes in the Flattops Wilderness (Elaine Hill), fledgling Buffleheads in North Park (Bob and Sandy Righter), and Great-tailed Grackles feeding young in LaSalle (40104C6) (Marj Swies).

And this note from Jean Maguire, regarding the wildlife in Sterling North (40103F2): "Lots of ticks! Pulled off 120 in 2 days. Good bird food."

FOOD ITEMS OF COLORADO BIRDS III

Dave Leatherman 2048 Whiterock Court Fort Collins, CO 80526

This is the third installment of this trial column. Our goal is to document known food items of wild Colorado birds. Feeder observations are not included. Anyone may submit material for inclusion. Minimum data per observation should include: bird species, food item (identified as specifically as possible), date and location. Annecdotal information that expands upon particularly interesting or unusual observations is appropriate.

The following are observations for Summer 1990 (June, July and August) unless otherwise indicated. All observations are those of the author unless otherwise indicated.

Entries for this installment are in approximate AOU order.

Great Blue Heron Am. Kestrel	Carp (3-4 lb., speared) House Finch nestlings (4)		
Burrowing Owl	Robust camel cricket		
	(Udeopsylla robusta)	(Weld CR 51 Jct. SR 14)	
(An adult owl	observed flying into prairie		
	rickets near the entrance to a	3	
•	ortly thereafter).	3	
Black-ch. Hummingbd.	Nectar of Indian paintbrush	CO Nat'l. Monument	7/13
3.	(Castilleja [chromosa?])		
Broad.t. Hummingbd.	W. spruce budworm larvae?	LaPlata County	7/10
(Female hummin	gbird seen hovering at branch	tips of white fir and Do	uglas-fir
infested by la	te-instar budworm larvae. Sinc	e the larvae at this ti	me seemed
large (up to	25 mm.) for such a small bir	d, other insects caught	in their
webbing may ha	ave been the target prey. No	insect consumption was	actually
observed).		-	
Broad-t. Hummingbd.	Nectar of gilia and horsemint	Elbert	8/8
Red-naped Sapsucker	Sap wells in river birch	Near Dubois, WY	6/9
W. Wood-Pewee	Attempted to catch underwing	Elbert	8/8
	moth (Catocala sp.)		
Western Kingbird	Army cutworm moths	Crow Valley Campground	7/2
(Much of Color	ado experienced a massive emerg	(Weld Co.)	

(Euxoa auxiliaris) in June and early July. While other noctuids (often

referred to as "millers") were involved, the army cutworm accounted for an overwhelming majority of the total moth "outbreak." Many bird species were seen responding opportunistically to this abundant food source).

Western Kingbird Flying ants (species to be Baculite Mesa 7/17 determined) (Pueblo County) Eastern Kingbird Army cutworm moths Crow Valley Campground 7/2 Scrub Jay Say's stink bug CO Nat'1. Monument

(A young bird observed engaged in what appeared to be experimental foraging. The bird jumped about single-leaf ash branches in vigorous, random fashion. It reminded me of some zoo primate leaping frantically from apparatus to apparatus. The purpose of all this appeared to be the discovery of insect prey. The stink bug, which had been feeding on ash seeds, was knocked to the ground and quickly consumed by the jay).

Scrub Jay	Gambel oak acorn	Colorado Springs	8/22
Black.b. Magpie	Scavenging dead mallard	Fort Collins	7/21
Am. Crow	Nestling (probably grackle)	Fort Collins	6/6
Am. Crow	McDonald's "Quarter Pounder	Fort Collins	8/20
	With Cheese" (everything on it)		
Common Raven	Scavenging dead mule deer	Hoback Jct., WY	6/12
Black-c. Chickadee	Wild sunflower seeds	El Paso County	8/23&27
	(from flower heads)	-	
Am. Robin	Almost-ripe red mulberries	GC, Fort Collins	7/5
Am. Robin	Red honeysuckle berries &	GC, Fort Collins	7/24
	ripe mulberries		
Am. Robin	Squaw currants	Elbert	8/8
	(Ribes cereum)		

(This has been a very good year for production of many woody plant seed/fruit crops in the wild. Among the plants with abundant seed/fruit crops are various species of Ribes, skunkbush sumac, chokecherry, wild plum and snowberry).

Am.	Robin	Chokecherries		Fort Collins	8/19
Am.	Robin	Squaw currants		El Paso County	8/23
Am.	Robin	10-lined june beetle		Elbert	8/8
		(Polyphylla sp.)			
Am.	Robin	Thimbleberries	•	Evergreen	late July (CE)
N.	fockingbird	Flying ants (species		Baculite Mesa,	7/17
		to be determined)		Pueblo County	

(Many insects engage in a practice known as "hilltopping" which results in large numbers of a given species occurring atop high points in the local geography. These mass movements or gatherings play various roles in the biology of the insects involved and often provide feeding opportunities for various predators, including birds. With the Baculite Mesa ants on July 17, large swarms could be found on any object which projected appreciably above the average terrain. A stack of tires marking a private property gate was the highest point and was literally covered with ants to the point of obscurring what the ants were landing on. The Mockingbird usually landed at the tire

	d picked at ants with its beak. ts prey on the wing in the gener	al vicinity of the tires	
Sage Thrasher	Speckled rangeland grasshopper (<u>Arphia</u> conspersa)	Near Lander, WY	6/9
Am. Pipit	Aphid sp. on snow (probably also collembola & ladybird beetles)	Mount Evans	6/15
Cedar Waxwing	Eur. elm scale & honeydew	Fort Collins	6/13
Cedar Waxwing	Plucking unknown insects (mosquitos?) from spider web	Fort Collins	8/19
Solitary Vireo	Gulf fritillary butterfly	Mesa County (Hightower Mt. Atlas Block: 39107C6)	7/3 (HEK)
Warbling Vireo	Willow leafroller caterpillar (Archips sp.)	Near Dubois, WY	6/9
Warbling Vireo	Plucking insects (mosquitos?) from spider webs	Fort Collins	8/19
MacGillivray's	Unidentified 36 mm long,	Various locations in	7/2 thru
Warbler	green caterpillars (size is	Delta, Mesa and	12 (HEK)
	approx.) being fed to nestlings	Gunnison Counties, CO	
Western Tanager	Squaw currant berries	El Paso County	7/24
Rose-br. Grosbeak	Leafroller caterpillar of unidentified plant in the	Wheat Ridge (Greenbelt)	.6/14
	Umbellaceae family	•	
Black-h. Grosbeak	Wild sunflower seeds (from flower heads)	El Paso County	8/23
Black-h. Grosbeak	Squaw currant berries	El Paso County	8/27
Red-winged Blackbd.	Grasshopper sp. (adult female feeding nestling)	Fort Collins	7/21
Common Grackle	Army cutworm moths	GC, Fort Collins	6/7&26
	s and starlings were observed i		
nuthatch fashi	on, probing beneath bark flakes y curious sight).	and in crevices for mo	ths. This
Common Grackle	Nestling red-winged blackbirds	Fort Collins	7/1
Common Grackle	Squaw currant berries	Fort Collins	7/8
Common Grackle	Ripe red mulberries	GC, Fort Collins	7/24
Northern Oriole (Bullock's)	Thistle aphids (on stem just below flower head)	Fort Collins	7/8
Northern Oriole	Thistle aphids (on stem	Dolores	7/12
(Bullock's)	just below flower head)	2010163	,, 12

Northern Oriole (Bullock's)	Rocky Mountain juniper berries	Fort Collins	7/24
Rosy Finch	Aphid sp. on snow (probably also collembola & ladybird beetles)	Mount Evans	6/15
Red Crossbill	Seeds of lodgepole pine (extracted from closed cones of dead trees)	Harriman State Park, Idaho	6/11
Red Crossbill	Seeds of lodgepole pine (extracted from closed cones of live trees)	Old LaVeta Pass	7/9
Lesser Goldfinch	Thistle seed (from old flower heads)	Fort Collins	7/8
Lesser Goldfinch	Wild sunflower seeds (from old flower heads)	Elbert	8/8
Am. Goldfinch	Thistle seeds (from old flower heads)	Fort Collins	7/8
European Starling	Army cutworm moths	GC, Fort Collins	6/26
European Starling	Unripe mulberries	GC, Fort Collins	6/26 & 7/12
European Starling	Ripe red mulberries	GC, Fort Collins	7/24
European Starling	Red Honeysuckle berries	GC, Fort Collins	7/24
House Sparrow	Grasshopper sp. and other unidentified insect parts	Grand Junction	7/12

(A female or immature was observed jumping up and picking insects from the grill of a large Freightliner semi-truck tractor parked in a motel lot).

Miscellaneous Observations:

Jack Merchant reported observing a Red-naped Sapsucker(s) feeding in "flycatcher" fashion on some fairly large flying insects, which it either ate or fed to nestlings. On another occasion, a sapsucker was seen doing a more elaborate feeding flight, like a crude swallow, for the same purpose. The exact prey item(s) are not known. Terres reports sapsuckers as eating "ants, wasps, hornets, mayflies, stoneflies and various moths" in The Audubon Society Encyclopedia of North American Birds. Thus, sapsuckers are known for feeding on other than tree sap. Jack's observations took place July 6, 1984 and June 24 and July 4, 1985.

Paul Opler reported a gopher (="bull") snake consuming nestling Am. Robins at a tree nest in Crow Valley Campground on June 22, 1990. Paul also reported a Red-tailed Hawk killing an Am. Kestrel at Bellvue on June 24, 1990.

Abbreviations:

CE: Curtis Elder GC: Grandview Cemetery HEK: Hugh E. Kingery

Addendum:

Hairy Woodpecker Squaw currant berries 8/8 Elbert (Bird would land on a trunk near a Ribes cereum bush and reach out to consume the berries). Wilson's Warbler Aphids on sweet peas Denver 8/30

(Virginia Bleck)

STRANGE LADY

Gustav A. Swanson 1020 East 17th St., #35 Minneapolis, MN 55404

Imagine the thoughts and feelings of the helpful farmer (HF). He was driving his pickup along a lightly traveled rural road in northern Colorado when he saw a strange lady (SL) beside her car 50 feet off the road. He could see the auto tracks where it had left the road and come to rest in a hayfield. His first thoughts were: "That poor little old lady. She must have dozed off and her car left the road. She needs help." So he stopped and called to her:

- H.F. Having trouble?
- S.L. No, I'm OK.
- H.F. Sure you don't need any help?
- S.L. No, but thanks anyway.
- H.F. What are you doing down there?
- S.L. I'm catching a live field mouse.
- H.F. Live field mouse, did you say?
- S.L. Yes.
- H.F. What will you be doing with a live field mouse?
- S.L. I'm going to use it for bait.
- H.F. Did you say bait? Bait for what?
- S.L. Bait to catch a live sparrow hawk. (The AOU hadn't yet changed the name to American Kestrel).
- H.F. What are you going to do with a live sparrow hawk?

- S.L. I'm going to put a little aluminum ring on its leg.
- H.F. What then?
- S.L. I'm going to let it go.
- H.F. (Helplessly) OK, kiddo. Good luck!

(And then he drove off. Can you imagine his account that evening at the dinner table?)

Of course we bird watchers wouldn't be guite as puzzled because we know about bird banding, but perhaps we may be interested in knowing more about S.L. She was Allegra Collister who lived in Longmont, Colorado and adopted bird banding and Rocky Mountain National Park (RMNP) as special interests.

Allegra moved in 1951 from her home in central Nebraska to Longmont, Colorado in the foothills of the Rocky Mountains. The move was only about 250 miles, but for a dedicated birder and bander, what an exciting change! She was now at the gateway to RMNP with its altitudinal range of 7,500 to 14,256 feet above sea level. Allegra now had the thrill of finding, as she studied the different elevations in the Park, that each had its characteristic plant and animal communities. It was the same thrill that Dr. C. Hart Merriam had enjoyed in the 1890's when he studied similar mountains in Arizona and published the first major attempt to categorize the distribution of plants and animals in North America, his Life Zone system. It emphasized temperature as the major factor in determining the distribution of plants and animals. Although later workers have found fault with it and proposed different systems and terminology, the Life Zones are still useful.

Allegra became acquainted with Dr. Alfred M. Bailey, Director of the Denver Museum of Natural History, and studied the excellent habitat groups which he had developed to show the plants and animals of the different Life Zones. Dr. Bailey, with his colleague Robert Niedrach, was working on his two-volume book on Birds of Colorado (1965), and he persuaded Allegra to concentrate her studies in RMNP and to prepare a publication on its birds which the Museum published in 1970 (Birds of Rocky Mountain National Park. Museum Pictorial No. 18, 64 pages, with 34

illustrations).

The booklet included 256 species from her own observations and those of over 125 observers whose records are credited. was sold for years in the Park and at the Museum and made Allegra a minor celebrity among Park visitors. One day at the overlook by the Alpine Visitor Center when she was with a friend enjoying the spectacular view and identifying the birds they were watching, she was recognized as "the author of the Park bird book" and the word spread to the group of nearby tourists. They promptly bought out the entire stock of the booklet and brought them to her for autographing.

Unfortunately, the publication is now out of print but it provided the major base for the daily field checklist of birds of RMNP available at the bookstores in and near the Park, which now lists 260 species.

Allegra died in 1987 at 88 but will long be remembered in Colorado as a dedicated bird bander and orithologist. In addition to her own personal banding, she was always invited by the state or university ornithologists when they were tackling large scale banding of colonial birds because she was known affectionately as "The fastest band in the west." In her 30 years of bird banding, she banded about 100,000 birds of more than a hundred species. One of her neighbors who didn't know any more about bird banding than H.F. once asked her, "Do you get paid for this?" Her answer: "No, my study of birds and sharing of knowledge with others is a labor of love."

1990 C.F.O. MEMBERSHIP

FALL 1990

- ADKISSON, CURTIS S. Department of Biology, Virginia Polytechnic Institute, Blacksburg, VA 24061 703-231-6347.
- AIKEN AUDUBON SOCIETY Beidleman Environmental Center, 1401
 Recreation Way, Colorado Springs, CO 80905 719-578-7088.
- ALLEN, SUSAN Box 1757, Crested Butte, CO 81224 303-349-7231.
- ALLISON, MARILYN 12747 E. Cornell Ave., Aurora, CO 80014.
- ANDREWS, ROBERT 2915 Baseline #336, Boulder, CO 80303 303-442-3238.
- ARAPAHOE COMMUNITY College Library, P.O. Box 9002, Littleton, CO 80160.
- ARMSTRONG COLLEGE LIBRARY 2222 Harold Way, Berkeley, CA 94704.
- ARNDT, IDABELLE P.O. Box 1049, Berthoud, CO 80513 303-532-3977.
- AUDUBON PARK CO. 49 Main, Drawer W, Akron, CO 80720 303-345-2063.
- AUSFAHL, ROBERTA 5985 S. Logan, Littleton, CO 80121 303-798-0552.
- AUSTIN, RICK P.O. Box 1413, Nederland, CO 80466.
- BARBER, JOHN 1700 Clearview Ct., Fort Collins, CO 80521 303-484-9791.
- BARTOL, ELLEN S. 2718 N. Prospect, Colorado Springs, CO 80907. BBN COMMUNICATIONS CORP. Bruce Glabe MS 20/10A, 150 Cambridge Park Dr., Cambridge, MA 02140.
- BEIDLEMAN, RICHARD G. Dept. of Biology, Colorado College, Colorado Springs, CO 80903 719-473-2233.
- BELL, ALAN 330 S. 42nd St., Boulder, CO 80303 303-499-0551.
- BLACK, MARY JANE 460 Clayton Rd., P.O. Box 337, Silverthorne, CO 80498 303-468-5162.
- BLAKESLEE, CHRIS A. 3571-A South Kittredge St., Aurora, CO 80013 303-693-2952.
- BLECK, VIRGINIA 548 Columbine St., Denver, CO 80206 303-320-6130.
- BLUE, DAVID & LINDA 1013 Heritage Dr., Ridgecrest, CA 93555 619-446-2370.
- BONNELL, ANN 6377 W. Geddes Dr., Littleton, CO 80123 303-979-6211.

303-747-2367.

- BOULWARE, EUGENE 1633 S. Siesta Ave., West Covina, CA 91790 818-338-7484.
- BOURICIUS, DEBBIE 312 34 Rd., Palisade, CO 81526 303-434-5918. BOURICIUS, STEVE 50152 Hwy. 72, Peaceful Valley, Lyons, CO 80540

- BRAUN, CLAIT E. 1409 Patton, Fort Collins, CO 80524 303-424-2836.
- BREVILLIER, TONI 2616 Ash Grove, Colorado Springs, CO 80906 719-540-5653.
- BRIDGES, L. W. DAN 1925 S. Vaughn Way, #207, Aurora, CO 80014 303-755-7665.
- BRITISH LIBRARY Sci. Ref. and Information Service, 25 Southampton Bldgs. Chancery Lane, London WCZA 1AW, England.
- BROCKNER, WINSTON WILLIAM 5965 S. Herzman Dr., Evergreen, CO 80439 303-674-4851.
- BROWN, DR. ALEXANDER 919 D West Moorhead Cir., Boulder, CO 80303 303-494-3042.
- BROWN, MERLYNN 2447 S. Colorado Blvd., Denver, CO 80222 303-782-0833.
- CAIRO, JERRY P.O. Box 5335, Greeley, CO 80631 303-330-7076.
- CARLSON, VIRGINIA C. 1708 N. Nevada Ave., Colorado Springs, CO 80907 719-634-8698.
- CARLTON, MONA R. 16843 Sierra Hwy., Canyon Country, CA 91351 805-252-5356.
- CARLTON, DR. ROBERT E. 2939 Chelton Rd., Colorado Springs, CO 80909 719-635-1526.
- CARTER, DR. WILLIAM P.O. Box 804, Ada, OK 74821 405-332-8843.
- CARTER, MIKE 13401 Piccadilly Rd., Brighton, CO 80601 303-654-0940.
- CARTER, RONALD D. 261 Wave, Laguna Beach, CA 92651 714-497-1162. CASSEL, J. FRANK P.O. Box 1358, Monument, CO 80132 303-481-4625.
- CATLETT, MRS. GILBERT 318 W. Cheyenne Rd., Colorado Springs, CO 80906 719-632-9191.
- CHAPPELL, LORI 515 Clarkson St., #906, Denver, CO 80218 303-744-2094.
- CHILDRESS, GLORIA J. 7125 County Rd. 203, Durango, CO 81301 303-247-4272.
- CLARK, DAVID V. 77 Maroon Place, Carbondale, CO 81623 303-963-3479.
- COHEN, IRWIN & ADELAIDE 3038 S. Gray St., Denver, CO 80227 303-985-1655.
- COLBORN, THEO 101 N. Carolina Ave., S.E. #405, Washington, DC 20003 202-547-6491.
- COLES, RICHARD W. 11 Hickory Ln., Eureka, MO 63025 314-938-5271. COLLIER, MARILYN Naturalist, Mesa Verde National Park, Montezuma,
- CO 81330.

 COLLINS, WALTER 1425 Sierra Dr., Boulder, CO 80302 303-447-8537.

 COLORADO DIV. OF WILDLIFE Research Center Library, 317 W.
 - Prospect, Fort Collins, CO 80526.

- CONOVER, GARY 1907 Cascade Ln., Colorado Springs, CO 80906 719-635-2505.
- CONTROLLERS Springwood Psyc. Inst., Rt. 4, Box 50, Leesburg, VA 22075.
- COSS, TRESSA & JACK 1224 Cornell Dr., Longmont, CO 80503 303-776-7844.
- CRINGAN, DR. A. T. 1200 Stover St., Ft. Collins, CO 80524 303-493-9138.
- CROWLEY, FRED R. 581 Tamarron Dr., Colorado Springs, CO 80919 719-592-9354.
- CRUZ, DR. ALEXANDER Dept. of EPO Biology, University of Colorado, Boulder, CO 80309.
- CURRY, JR., MR. & MRS. E.D. P.O. Box 6009, Colorado Springs, CO 80934 719-634-7303.
- DAVIS, DR. WILLIAM A. 1155 W. Giaconda Way, Tucson, AZ 85704.
- DAVIS, MARVIN 308 Lewis Ln., Oxford, MS 38655 601-234-1773.
- DAVIS, RAYMOND P.O. Box 481, Lyons, CO 80540 303-873-5332.
- DECIO, NANCY 1155 Elm, Denver, CO 80220 303-333-8301.
- DEMUTH, ROBERTA K. 7505 W. Yale, #2302, Denver, CO 80227 303-988-3004.
- DENVER MUSEUM OF NATURAL HISTORY City Park, Denver, CO 80205.

 DENVER PUBLIC LIBRARY-CEN USO3629902, P.O. Box 173820, Denver, CO 80217.
- DEUTMAN, MARTA 740 Pearl St., #604, Denver, CO 80203.
- DEXTER, COEN 3227 D Rd., Clifton, CO 81520 303-241-9531.
- DICKSON, ROBERT & JOHNIE 55 Villa Dr., Pueblo, CO 81001 719-542-5847.
- DIERKS, GLADYS M. 7575 Churchwood Cir., Colorado Springs, CO 80918 719-528-1043.
- DILLON, BETH 1225 W. Myrtle, Ft. Collins, CO 80521 303-484-2836.
- DIONIGI, VIRGINIA Box 97, Hygiene, CO 80533 303-776-2609.
- DIRCKX, FERDINAND AND JOANN 240 Jade St., Broomfield, CO 80020 303-469-0405.
- DOERIG, CHRISTIAN 900 Jackson St., Denver, CO 80206 303-399-5264.
- DOWNING, Helen 371 Crescent Dr., Sheridan, WY 82801 307-674-7052.
- DUNPHY, GERALD J. 2385 Kenwood Dr., Boulder, CO 80303 303-494-0948.
- ELLIOTT, MARGARET A. 879 S. Alkire St., Lakewood, CO 80228 303-986-1184.
- ENRIGHT, FRAN 83 Long View, Evergreen, CO 80439 303-674-2657.
- ERTHAL, NORMAN 7761 Everett Way, Arvada, CO 80005 303-424-6747. EVANS, ROBERT D. 994 Timberlane, Boulder, CO 80302 303-449-5063.

- EWING, MARGARET C. Box 585, McCoy, CO 80463 303-653-4410.
- FAILING, DEE-ANN 6469 Lamar Pl., Arvada, CO 80002 303-423-3781.
- FINCH, WARREN I. 455 Dover St., Lakewood, CO 80226 303-233-3372. FINK, M.D., WILLIAM L. 7076 S. Miller Ct., Littleton, CO 80127 303-933-1220.
- FLAGEOLLE, TERRY L. 7541 King St., Westminster, CO 80030 303-433-6355.
- FLANAGAN, MARGUERITE 13142 Omaha St., Pine, CO 80470 303-838-9710.
- FLEMING, BOB & JUDY 2039 Crestvue Cir., Golden, CO 80401 303-279-8122.
- FOLAND, MARJORIE 6738 Lakeview Dr., Boulder, CO 80303 303-494-5289.
- FOOTHILLS AUDUBON CLUB c/o Ann Delzell, 14100 N. 115th Rd., Longmont, CO 80501 303-776-3295.
- FOX, MRS. MAYNARD 53 Rio Vista Cir., Durango, CO 81301 303-247-5890.
- FULKER, WILBER 627 Pleasant St., Colorado Springs, CO 80904 719-634-6461.
- GABEL, MEL 28510 Pine Dr., Evergreen, CO 80439 303-674-6270. GARD, BARBARA JEAN 5029 Greenwood Dr., Evergreen, CO 80439 303-647-3280.
- GEIST, DIAN WEBSTER 44289 Hwy. 6, Glenwood Springs, CO 81601 303-984-3170.
- GENT, PETER R. 55 S. 35th St., Boulder, CO 80303 303-494-1750.
- GEORGE, DAN 7844 S. Lamar Ct., Littleton, CO 80123 303-979-2787.
- GIESEN, KEN 317 W. Prospect, Ft. Collins, CO 80526 303-484-2836.
- GOLDWASSER MS 11/6C Ralph Bolt, Beranek, & Newman, 10 Fawcett St., Cambridge, MA 02138.
- GRAHAM, VAN K. 3245 Applewood St., Grand Junction, CO 81506 303-241-0842.
- GRIFFITHS, DAVE & CAROLYN P.O. Box 86, Hettinger, ND 58639.
- GROHS, JIM 534 Hacienda Dr., Grand Junction, CO 81503 303-241-9670.
- GROSSHUESCH, MARIE & JOHN MEAD 11816 W. Bowles Circle, Littleton, CO 80127.
- GROVES, DONALD S. 244 S. Ammons St., Lakewood, CO 80226 303-238-0735.
- GULBENKIAN, DAVID & MARTHA 2475 Garland St., Lakewood, CO 80215 303-238-2806.
- GUSTAFSON, EDWARD A. 5091 Bel Estos Dr., San Jose, CA 95124.
- GUSTAFSON, ROBERT & NANCY 241 Fawn St., Golden, CO 80401 303-279-6167.

- HAGEMAN, GLENN & JEANE 448 S. Leyden St., Denver, CO 80224 303-322-6589.
- HAGLUND, KRIS Denver Museum of Natural History, City Park, Denver. CO 80205.
- HALLOCK, DAVE 3065 24th St., Boulder, CO 80304 303-449-3503.
- HALSEY, LAURENS, R. 1705 Hartford Dr., Carrollton, TX 75007 214-394-6188.
- HANNAY, IVES & EVAN 3841 S. Juniper Cir., Evergreen, CO 80439 303-674-8725.
- HARDEN, DR. RON 3125 Elevado Ct., Loveland, CO 80538 303-667-3819.
- HARRIS, KATHLEEN 3842 Crescent Dr., Ft. Collins, CO 80526 303-223-8393.
- HARRIS, SUSAN 12402 Maria Cir., Broomfield, CO 80020 303-465-4254.
- HARRISON, JOSEPH G. 1163 Winslow Cir., Longmont, CO 80501 303-772-3481.
- HART, JOHN H. 690 Gulick Rd., Haslett, MI 48840 517-655-1321. HAWKINS, KATHY 6860 D E. Mississippi Ave., Denver, CO 80224 303-757-0809.
- HAWKSWORTH, DAVE 2207 Scarborough Ct., Ft. Collins, CO 80526 303-484-0918.
- HAY, ALAN G. 6361 Brooks Dr., Arvada, CO 80004 303-422-0239. HAYES. PHILLIP 42 S. Balsam St., Lakewood, CO 80226
- 303-232-7421.
- HENDRICKS, MRS. PHILIP 1228 S. Saratoga Ave., Springfield, MO 65804 417-887-3010.
- HERING, LOUISE 5000 Butte, #145, Boulder, CO 80301 303-442-7059. HERNANDEZ, HELEN 323 3rd St., P.O. Box 361, Kersey, CO 80644 303-352-7324.
- HILL, DEAN & MONA 3410 Heidelburg Dr., Boulder, CO 80303 303-494-8135.
- HIMMEL, JOE 1848 14th Ave., Greeley, CO 80631 303-352-0288.
- HOLITZA, F. JAMES 1719 Daisy Ct., Broomfield, CO 80020 303-466-2742.
- HOLLEY, JANET M. 749 Bear Creek Dr., Ft. Collins, CO 80526 303-223-9039.
- HOLLINGSWORTH, KAREN 12137 Rist Canyon Rd., Bellvue, CO 80512 303-493-0348.
- HOLT, HAROLD R. 2001 W. 92nd Ave., No. 716, Federal Heights, Denver, CO 80221 303-429-1698.
- HOLT, KATHLYN J. 626 Walden Cir., Boulder, CO 80303 303-442-3063.

- HOLUB, JR., EDMUND J. 6612 S. Field Ct., Littleton, CO 80123 303-979-2194.
- HOOVER, JOHN H. P.O. Box 2047, Vernon, TX 76384 817-553-3793. HOWE, WILLIAM H. 1200 E. Stuart, #7, Ft. Collins, CO 80525 303-493-4196.
- HUFFMAN, ANN H. 69 Aztec St., San Francisco, CA 94110 415-821-4159.
- HUTTON, DIANE 3601 S. Mobile Way, Aurora, CO 80013 303-366-0951. HYDE, BARBARA 2831 Mountain View, Longmont, CO 80503 303-776-1650.
- IOWA STATE UNIVERSITY Library Serials Dept., Ames, IA 50011. JACKSON, IRVING C. 8925 Francis Pl., Lakewood, CO 80215 303-233-2171.
- JACKSON, DR. NICK 1301 Kamira Dr., Kerrville, TX 78028 512-257-2052.
- JANOS, MARK 10 Sedum Ct., Pueblo, CO 81001 719-384-8672. JASPER, DAVID R. Box 28, Grand Lake, CO 80447 303-887-3331.
- JICKLING, BOB 310 Skylark Way, Boulder, CO 80303 303-499-4977.
- JOHNSON, DAVE 1920 Greenwood, Pueblo, CO 81003 719-545-5548.
- JOHNSON, JR., DR. J.C. 1505 S. Pine, Pittsburg, KS 66762.
- JONES, TINA 2025 S. Monroe, Denver, CO 80210.
- JORDAN, PEARL 8751 W. Cornell Ave., #6, Lakewood, CO 80227, 303-987-2802.
- JORGENSEN, TWYLA M. 3024 Ross Dr., #D-27, Ft. Collins, CO 80526 303-482-6481.
- JOYCE, ROBERT A. 2227 Glenn Summer Rd., Colorado Springs, CO 80909 719-634-0787.
- JUSTICE-WADDINGTON, JAN 1809 E. Tufts, Englewood, CO 80110 303-936-4547.
- KARO, JAMES 1621 Cedar Ridge Dr., N.E., Albuquerque, NM 87112 505-294-2777.
- KELLNER, MR. & MRS. JOEY 2632 S. Miller Dr., #304, Lakewood, CO 80227 303-985-0552.
- KELLY, JR., MAJOR JOHN F. 7442 Dallas Dr., Austin, TX 78729 512-331-8693.
- KENT, DR. T.H. 211 Richards St., Iowa City, IA 52246 337-5231. KETCHEN, MICHAEL 4506 Ridge Dr., Pueblo, CO 81008 719-545-2020.
- KING, PETER & LOUISE 7 Chase Ln., Colorado Springs, CO 80906 719-623-9329.
- KINGERY, HUGH & URLING 869 Milwaukee St., Denver, CO 80206 303-333-0161.
- KLADDER, NYLA 2344 S. Broadway, Grand Junction, CO 81503 303-245-7867.
- KLAVER, ELLEN 1085 14th St., #1139, Boulder, CO 80302.

- KNIGHT, DR. RICHARD L. Dept. of Fishery & Wildlife Biology, Colorado State University, Ft. Collins, CO 80523 303-491-6714.
 KUENNING, RUTH & WALTER 1228 N. Farragut Ave., Colorado Springs, CO 80909 719-473-1600.
- LAMBETH, RON 624 Yucca Dr., Grand Junction, CO 81503 303-245-4082.
- LEATHERMAN, DAVID 2048 Whiterock Ct., Ft. Collins, CO 80526 303-484-5445.
- LEIGHTON, HOPE 2607 Sixth St., Boulder, CO 80304 303-442-7458.
- LEITNER, WADE 2811 N. Magnolia, Tucson, AZ 85712 602-881-3844.
- LENTZ, RANDY 456 Logan St., #306, Denver, CO 80203 303-777-7107. LEVAD. RICHARD 2924 Ronda Lee Rd., Grand Junction, CO 81503
- LEVAD, RICHARD 2924 Ronda Lee Rd., Grand Junction, CO 81503 303-242-3979.
- LEWIS, BRIAN 1185 Wildwood Rd., Boulder, CO 80303 303-499-7315.
- LEWIS, NORM 852 S. DeFrame Way, Lakewood, CO 80228 303-988-5544. LIBRARY, ECRI 5200 Butler Pike, Plymouth Meeting, PA 19462.
- LIPPINCOTT, CINDY P.O. Box 6967, Colorado Springs, CO 80934 719-634-7736.
- LOUISIANA STATE UNIV., LS67448 Library Serials Dept., Baton, Rouge, LA 70803.
- MAGUIRE, JEAN 1842 S. Eudora, Denver, CO 80222 303-758-8606.
- MAMMOSER, JOSEPH 2919 Worthington Ave., Ft. Collins, CO 80526 303-226-6492.
- MANCI, KAREN 506 Wabash, Ft. Collins, CO 80526 303-225-0150. MARSH, DR. THOMPSON G. 199 Ash St., Denver, CO 80220
- MARSH, DR. THOMPSON G. 199 Ash St., Denver, CO 80220 303-377-5380.
- MARTIN, DAVID E. 9330 W. 90th Dr., Broomfield, CO 80021 303-422-9143.
- MARTIN, STEPHEN G. 7121 N. Country Road 9, Wellington, CO 80549. MASLOW, RICHARD 5102 W. Union Ave., Denver, CO 80236
- 303-798-9345.
- MAYNARD, JOHN & VIRGINIA 1320 Indian Oaks Pl., Manitou Springs, CO 80829 719-685-9793.
- MCCONKEY, EDWIN 3590 Berkley Ave., Boulder, CO 80303 303-499-1686.
- MCGEHEE, DR. REX 809 Dexter, #404, Denver, CO 80220 303-355-1466.

918-333-3134.

- MCKINNON, GEORGE E. 1320 W. Abriendo, Pueblo, CO 81004 719-545-2610.
- MEANS, ANN 2009 Del Norte, Loveland, CO 80538 303-669-0004.
- MERCHANT, JOHN S. Box 291, Eagle, CO 81631 303-328-6349. MERY, DR. A.M. & INA S. 22821 Hwy. 149, Powderhorn, CO 81243
- MOLLHOFF, WAYNE J. 714 A St., Albion, NE 68620 402-395-2654.

- MONTGOMERY, ROBERT & MARTY 5031 S. Florence Dr., Englewood, CO 80111 303-771-4572.
- MULLINEAUX, DON & DIANA 2245 Lee St., Lakewood, CO 80215 303-237-5794.
- MUSEUMS LIBRARY, 1854525-CMSMZ 2500 Museums Bldg., Washtenaw & N. University, Ann Arbor, MI 48109.
- MYERS, TODD A. 603 Maxwell, Boulder, CO 80304 303-449-1383.
- NELSON, DUANE 31428 Burke Rd., Golden, CO 80403 303-642-7109.
- NEW HOPE RANCH Route 1, Box 9A, Wetmore, CO 81253 719-784-4473.
- NIKAS, MARK 840 Martin St., Longmont, CO 80501 303-678-1284.
- OLIVER, HAROLD & BETTY 2787 S. Perry St., Denver, CO 80236 303-936-6902.
- OPLER, DR. PAUL A. 5100 Greenview Ct., Ft. Collins, CO 80525 303-226-2433.
- PANTLE, MR. & MRS. DAVID 1782 Locust St., Denver, CO 80220 303-333-8352.
- PARKES, DR. KENNETH C. Carnegie Museum of Natural History, 4400 Forbes Ave., Pittsburgh, PA 15213 412-622-3240.
- PEABODY MUSEUM OF NATURAL HISTORY Yale Univ., Ornithology Library, Box 6666, 170 Whitney Ave., New Haven, CT 06511.
- PENROSE LIBRARY Serials Dept., Fax Libralles, P.O. Box 10600, Denver, CO 80210.
- PENROSE LIBRARY, LOCAL HISTORY Box 1579, Colorado Springs, CO 80901.
- PERIODICALS DEPT. John F. Reed Library, Ft. Lewis College, Durango, CO 81301.
- PERRY, MICHAEL & PATRICIA 5592 S. Rifle St., Aurora, CO 80015 303-690-4956.
- PETERSON, ROGER TORY The Cedars, 125 Neck Rd., Old Lyme, CT 06371.
- PIOMBINO, PAM 1966 Hardscrabble P1., Boulder, CO 80303 303-499-5930.
- PLILER, MS. VIVIAN L. 13197 E. Exposition Dr., Aurora, CO 80012 303-364-6662.
- PLOOSTER, SUZI & MYRON 7420 Spring Dr., Boulder, CO 80303 303-494-6708.
- PRATHER, BILL & INEZ 13810 Weld County Rd. 1, Longmont, CO 80501 303-776-2191.
- PRATT, RICHARD P.O. Box 83, Littleton, CO 80160 303-795-5568.
- PULLEN, RANDY 3853 Cottonwood Dr., Loveland, CO 80538
- RANDOLPH, DONNA 1309 E. Amherst Ave., Denver, CO 80210 303-756-8775.
- RAWINSKI, JOHN & ELIZABETH 3677 W. Hwy. 160, Monte Vista, CO 81144 303-852-4300.

- RECTOR, CLAUDIA D. P.O. Box 2291, Durango, CO 81302.
 REETZ, PAULINE P. 470 Clayton, Denver, CO 80206 303-333-2164.
 REMINGTON, TOM 317 W. Prospect, Ft. Collins, CO 80526 303-484-2836.
- RHOADES, MARJORIE 2021 E. Lincoln Ave., Ft. Collins, CO 80524 303-484-6832.
- RIGHTER, BOB 2358 S. Fillmore, Denver, CO 80210 303-692-8529.
- RIGLI, JOE 6877 County Rd. 14, Ft. Morgan, CO 80701.
- ROBERSON, DON 282 Grove Acre, Pacific Grove, CA 93950 408-373-4463.
- ROBERTS, MARJORIE S. 3475 Moore Ct., Wheat Ridge, CO 80033 303-238-4649.
- ROBINSON, ANDREA P.O. Box 1901, Telluride, CO 81435 303-728-4230.
- ROGSTAD, LARRY 1528 28th Ave. Ct., Greeley, CO 80631 303-352-2143.
- ROHRER, MARK 1128 N. Summitview, Ft. Collins, CO 80524 303-493-4237.
- ROLLER, DR. JOE 13040 W. 16th Dr., Golden, CO 80401 303-233-4476.
- ROOT, TERRY School of Natural Resources, University of Michigan, Ann Arbor, MI 48019.
- RYDER, DR. RONALD A. Dept. of Fishery & Wildlife Biology, Colorado State University, Ft. Collins, CO 80523 303-491-6547.
- SCHEU, JUDY 5768 S. Stonebridge Way, Morrison, CO 80465 303-985-3536.
- SCHOCK, MARY JANE 2695 S. Winona Ct., Denver, CO 80219 303-922-3144.
- SCHOTTLER, DICK 25 S. Indiana Pl., Golden, CO 80401 303-985-0579.
- SCHUPP, JR., DONALD L. 5898 Angie Ct., Parker, CO 80134 303-841-6852.
- SCOTT, CHERYL 9724 E. Villasur Ct., Parker, CO 80134 303-841-9455.
- SELL, AARON P.O. Box 621621, Littleton, CO 80162 303-722-0430. SELTMAN, SCOTT RR #1, Box 36, Nekoma, KS 67559 913-329-4411.
- SERIALS DIVISION, PRINCETON University Library, Princeton, NJ 08544.
- SHANE, THOMAS G. P.O. Box 876, Garden City, KS 67846 316-275-4616.
- SHARKEY, WILLIAM H. Cigna **E* B-247, Hartford, CT 06152.
- SILVERMAN, DAVID P.O. Box 362, Rye, CO 81069 303-489-3565. SIMONSON, GARY 1906 3rd Ave. S., #21, Minneapolis, MN 55404

612-872-6803.

- C.F.O. JOURNAL
- SKALICKY, JACK 4385 Brookfield Dr., Boulder, CO 80303 303-499-6164.
- SLATER, JENNIFER 1610 S. 8th, Lamar, CO 81052 719-336-3505.
- SMITH, ARTHUR R. 409 W. Mayfield Dr., Grand Junction, CO 81503 303-242-8916.
- SNIDER, PATRICIA R. 2435-C 45th St., Los Alamos, NM 87544 505-662-3530.
- SNYDER, MILDRED O. 161 Del Mar Cir., Aurora, CO 80011.
- SODERBERG, TODD 661 Date Ave., Akron, CO 80720 303-345-2797.
- SOUTHERN ILLINOIS UNIV. Periodicals Section, Morris Library, Carbondale, IL 62901.
- SPENCER, ROBERT A. 4430 Gladiola St., Golden, CO 80403 303-279-4682.
- SPERL, FRANCES 7605 Sherman St., Denver, CO 80221 303-426-4267. SPOELMAN, JEAN-MARIE 4629 Diaz Dr., Fremont, CA 94536
- 415-797-0265.
- STAATZ, MORTIMER 13435 Braun Rd., Golden, CO 80401 303-279-6169. STACHOWIAK, STEVE 14846 E. Caspian Pl., Aurora, CO 80014 303-750-3422.
- STEPHENSON, BRIAN S. HWC3 Box 18, Martin, SD 57551.
- STOCKMAR, TED P. 1700 Lincoln St., Suite 4100, Denver, CO 80203 303-861-7000.
- STRANSKY, RICHARD 533 County Rd. 219, Durango, CO 81301 303-247-8138.
- STROSS, JOY 1576 S. Spruce, Denver, CO 80231 303-695-4954.
- STROTHER, TOM 6025 Wheaton Dr., Ft. Worth, TX 76133 915-292-6371.
- TAGGART, NANCY M. 918-C Fontmore Rd., Colorado Springs, CO 80904.
- TENBRINK, JOE 10201 Riverdale, #19, Thornton, CO 80229 303-452-6546.
- TEUBER, ROSS L. 1612 Kentucky NE, Albuquerque, NM 87110 505-265-8962.
- THURLOW, MRS. HELEN 417 E. Kiowa St., #912, Colorado Springs, CO 80903 719-632-3613.
- TRAYLOR, HELEN E. 2352 Broadway, Grand Junction, CO 81503 303-243-1570.
- TRUAN, VAN & KRISTYN 812 W. 14th St., Pueblo, CO 81003 719-543-4744.
- U.S. FISH & WILD SERV. LIB. North Prairie Wildlife Research Ctr., Route 1, Box 960, Jamestown, ND 58401.
- UNIVERSITY OF CALIFORNIA Main Library, Serials Dept. 01, Berkeley, CA 94720.
- UNIVERSITY OF COLORADO Library, Serials Dept., Campus Box 184, Boulder, CO 80309.

- UNIVERSITY OF KANSAS Periodical Section/Serials Dept., University of Kansas Libraries, Lawrence, KS 66045.
- UNIVERSITY OF LOUISVILLE Acquisitions Dept., Ekstrom Library, Louisville, KY 40292.
- UNIVERSITY OF WISCONSIN Biology Library, Birge Hall, 728 State St., Madison, WI 53706.
- USDA/APHIS/ S&T Denver Wildlife Rec. Ctr. Lib., Bldg. 16, Federal Ctr., Denver, CO 80225.
- VAN ZANDT, TOM & RIDI 2025 Alpine Dr., Boulder, CO 80302 303-443-9418.
- VERSAW, ALAN E. 619 Colfax Ave., Cortez, CO 81321.
- VIDAL, LINDA 1305 Snowbunny Ln., Aspen. CO 81611 303-925-7134.
- VOILES, RICHARD 480 Pennwood Cir., Englewood, CO 80110 303-761-9279.
- WADDINGTON, MARY K. 3994 S. Lincoln St., Englewood, CO 80110 303-781-7020.
- WAGERS, MARIANNA 624 Countryside Dr., Ft. Collins, CO 80524 303-484-9678.
- WAINRIGHT, MR. & MRS. ARTHUR 150 S. 36th St., Boulder, CO 80303 303-494-8933.
- WARD, JUDY 112 Woodridge Dr., Harrisburg, PA 17110 717-657-1489. WARD, NEIL 500 E. 11th Ave., Apt. 7, Denver, CO 80203 303-830-0483.
- WATMOUGH, NICHOLAS, J. 2430 S. Quebec St., #307, Denver, CO 80231 303-745-2908.
- WATTS, Jim & Rosie 518 A St., Penrose, CO 81240 719-372-6679. WEBSTER, MISS LOIS 780 Geneva St., Aurora, CO 80010
- 303-364-0301.
 WELLS, SCHUYLER & ALICE 321 Jasmine St., Denver, CO 80220 303-320-7711.
- WERNER, SUSAN P.O. Box 1213, Conifer, CO 80433 303-697-8548.
- WESTERN FOUNDATION Vertebrate Zoology, 1100 Glendon Ave., Suite 1400, Los Angeles, CA 90024 213-208-8003.
- WHEELER, RUTH 3340 W. 37th Ave., Denver, CO 80211 303-455-3924. WHEELOCK, SYLVIA W. 1016 Short St., Canyon City, CO 81212
- WILLCOCKSON, LYNN 2698 S. Niagara, Denver, CO 80224 303-757-7000.

719-269-3719.

- WILLIAMS, NEAL 3512 N. Tejon, Colorado Springs, CO 80907 719-471-1746.
- WILLIAMS, RICHARD M. 2277 D Dunwoody Crossing, Atlanta, GA 30338 404-454-8247.
- WILLIAMS-2711, RAY Sentara Enterprises, 6015 Poplar Hall Dr., Suite 312, Norfolk, VA 23502.

- WILLS, ELINOR & HARRY 540 Ashbury Pl., Colorado Springs, CO 80906 303-634-5122.
- WILSON, ROBERT B. P.O. Box 803, Englewood, CO 80151 303-781-8026.
- WINN, ROBERTA P.O. Box 6416, Woodland Park, CO 80866 719-687-6194.
- WINTERNITZ, BARBARA 28 Garden Dr., Colorado Springs, CO 80904 719-634-6785.
- WIREMAN, MICHAEL 274 Granite Dr., Boulder, CO 80302 303-449-1258.
- WOOLF, MARVIN B. 2190 Linden Ave., Boulder, CO 80302 303-449-9740.
- YAEGER, JOHN J. 3303 Morris Ave., Pueblo, CO 81008 719-542-6515.
- YAEGER, MARK 113 N. Evans, Pueblo, CO 81004 719-543-2724.
- YARBERRY, SCOTT 1669 S. Garland Ct., Lakewood, CO 80226 303-989-9945.
- ZERBI, VICTOR 1118 Red Mountain Dr., Glenwood Springs, CO 81601 303-945-6017.

C.F.O. JOURNAL INDICES TO VOLUME 24: 1990

-----Index by Title-----

- 1990 C.F.O. Convention Report, D. Silverman and B. Prather. (1990) Vol. 24(4)112-118.
- 1990 C.F.O. Membership, S. Bouricius. (1990) Vol. 24(4)128-139.
- 1990 Field Trip Schedule of the Colorado Field Ornithologists, D. Martin. (1990) Vol. 24(1)39-42.
- Book Reviews:
 - A Guide to Bird Behavior, Vol. III by Donald and Lillian Stokes, (H. Kingery) (1990) Vol. 24(2)79.
 - The Hummingbird Book, by Donald and Lillian Stokes, (H. Kingery) (1990) Vol. 24(2)79.
- Breeding Bird Atlas Project, H. Kingery. (1990) Vol. 24(2)76.
- Breeding Bird Atlas Update, H. Kingery. (1990) Vol. 24(4)119.
- Buffleheads Breeding in Colorado, J. Ringelman and K. Kehmeier. (1990) Vol. 24(2)46-48.
- C.F.O. Field Trip: Mesa Verde National Park, 6 & 7 April 1990, P. Gent. (1990) Vol. 24(3)93-94.
- C.F.O. Field Trip: Pawnee Grasslands, 27 January 1990, D. Leatherman. (1990) Vol. 24(2)77-78.
- C.F.O. Field Trip to Pueblo, 12 November 1989, D. Nelson. (1990) Vol. 24(1)37-38.
- C.F.O. Field Trip to Mesa County, 3 June 1989, C. Dexter. (1990) Vol. 24(3)91-92.
- Cassin's Finch Nesting in Atypical Habitat, J. Ward. (1990) Vol. 24(3)102-104.
- Colorado Breeding Bird Atlas Update, H. Kingery. (1990) Vol. 24(1)33-36.
- Colorado Breeding Bird Surveys, H. Kingery. (1990) Vol. 24(3)95-98.
- Communique' From the Records Committee, D. Nelson. (1990) Vol. 24(2)64-65.
- Discussion of the Juvenile Plumages of Melospiza Sparrows as seen in the Rocky Mountain Area, R. Righter. (1990) Vol. 24(2)73-75.
- Food Items of Colorado Birds; Introducing a new C.F.O. Journal Column, D. Leatherman. (1990) Vol. 24(2)66-72.
- Food Items of Colorado Birds II, D. Leatherman. (1990) Vol. 24(3)105-108.

- Food Items of Colorado Birds III, D. Leatherman. (1990) Vol. 24(4)120-124.
- News From the Field: Fall 1989 (September, October and November), D. Martin. (1990) Vol. 24(1)17-32.
- News From the Field: Winter 1990 (December 1989, January and February 1990), D. Martin. (1990) Vol. 24(2)49-63.
- News From the Field: Spring 1990 (March, April and May), D. Martin. (1990) Vol. 24(3)82-90.
- Note From the Editor..., M. Janos. (1990) Vol. 24(4)110.
- Predation and Observation Records of Boreal Owls in Western Colorado, R. Reynolds, S. Joy and T. Means. (1990) Vol. 24(3)99-101.
- Report of Recent Board Meetings, B. Prather. (1990) Vol. 24(4)111.
- Strange Lady, G. Swanson. (1990) Vol. 24(4)125-127.
- Study of Breeding and Winter Birds in Different Age-classed Lodgepole Pine Forests, D. Hallock. (1990) Vol. 24(1)2-16.

-----Index by Author-----

- Bouricius, S. (1990) 1990 C.F.O. Membership. Vol. 24(4)128-139. Dexter, C. (1990) C.F.O. Mesa County Field Trip, 6/3/89. Vol. 24(3)91-92.
- Gent, P. (1990) C.F.O. Field Trip: Mesa Verde National Park, 6 & 7 April 1990. Vol. 24(3)93-94.
- Hallock, D. (1990) Study of Breeding and Winter Birds in Different Age-classed Lodgepole Pine Forests. Vol. 24(1)2-16.

Lillian Stokes, Vol. $24\overline{(2)}79$.

- Janos, M. (1990) Note From the Editor... Vol. 24(4)110.

 Kingery, H. (1990) Colorado Breeding Bird Atlas Update. Vol. 24(1)33-36. Breeding Bird Atlas Project. Vol. 24(2)76.

 Colorado Breeding Bird Surveys. Vol. 24(3)95-98. (1990)

 Breeding Bird Atlas Update. Vol. 24(4)119. Book Reviews: A

 Guide to Bird Behavior, Vol. III, by Donald and Lillian

 Stokes, Vol. 24(2)79. The Hummingbird Book, by Donald and
- Leatherman, D. (1990) Food Items of Colorado Birds; Introducing a new <u>C.F.O. Journal</u> Column. Vol. 24(2)66-72. C.F.O. Field Trip: Pawnee Grasslands, 27 January 1990. Vol. 24(2)77-78. Food Items of Colorado Birds II. Vol. 24(3)105-108. Food Items of Colorado Birds III. Vol. 24 (4)120-124.

- Martin, D. (1990) News From the Field: Fall 1989 (September, October and November). Vol. 24(1)17-32. News From the Field: Winter 1990 (December 1989, January and February 1990). Vol. 24(2)49-63. News From the Field: Spring 1990 (March, April and May). Vol. 24(3)82-90. 1990 Field Trip Schedule of the Colorado Field Ornithologists. Vol. 24(1)39-42.
- Nelson, D. (1990) C.F.O. Field Trip to Pueblo, November 12, 1989. Vol. 24(1)37-38. Communique' From the Records Committee. Vol. 24(2)64-65.
- Prather, B. (1990) Report of Recent Board Meetings. Vol. 24(4)111.
- Reynolds, R., S. Joy and T. Means. (1990) Predation and Observation Records of Boreal Owls in Western Colorado. Vol. 24(3)99-101.
- Righter, R. (1990) Discussion of the Juvenile Plumages of Melospiza Sparrows as seen in the Rocky Mountain Area. Vol. 24(2)73-75.
- Ringelman, J. and K. Kehmeier. (1990) Buffleheads Breeding in Colorado. Vol. 24(2)46-48.
- Silverman, D. and B. Prather. (1990) 1990 C.F.O. Convention Report. Vol. 24(4)112-118.
- Swanson, G. (1990) Strange Lady. Vol. 24(4)125-127.
- Ward, J. (1990) Cassin's Finch Nesting in Atypical Habitat. Vol. 24(3)102-104.

November 17, 1990

Saturday

Boulder

Leader: Peter Gent (303) 494-1750

We will bird in the interesting Boulder area, to see what turns up. Between the lakes and riparian areas, there is always something interesting around town.

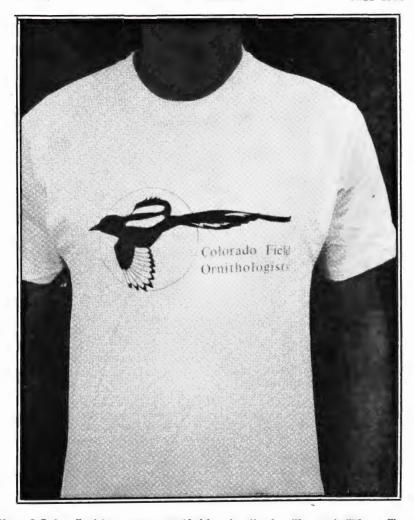
December 8, 1990

Saturday

Chatfield Reservoir

Leader: Joey Kellner (303) 985-0552

This trip will be to Chatfield Reservoir, southwest of Denver. This trip occurs one week before the Denver Christmas Bird Count and we should find a good variety of wintering loons, ducks, gulls, and passerines.



New C.F.O. T-shirts are available in M, L, XL, and XXL. The shirts are 100% white cotton with the logo printed in black. They may be ordered for \$10.00 each plus \$1.50 for postage. Please send your order to Beth Dillon, 1225 W. Myrtle, Fort Collins, CO 80521.

U.S. Postal Service STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION Required by 39 U.S.C. 3685) 14 Title of Publication 1B. PUBLICATION NO. 2. Date of Filing CFO JOURNAL 2 9 0 2 9-6-90 n 3. Frequency of Issue No. of Issues Published 3B. Annual Subscription Price Annually OUARTERLY \$12,00 4. Complete Mailing Address of Known Office of Publication (Street, City, County, State and ZIP+4 Code) (Not printers) 1225 W. Myrtle, Fort Collins, Larimer County, CO 80521-3565 5. Complete Mailing Address of the Headquarters of General Business Offices of the Publisher (Not printer) 6. Full Names and Complete Mailing Address of Publisher, Editor, and Managing Editor (This item MUST NOT be blank) Publisher (Name and Complete Mailing Address) Colorado Field Ornithologists 1225 W. Myrtle, Fort Collins, CO 80521 Editor (Name and Complete Mailing Address) Mark Janos 10 Sedum Ct. Pueblo, CO 81001 Managing Editor (Name and Complete Mailing Address) Same 7. Ownet (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding. I percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.) Complete Mailing Address Full Name Colorado Field Ornithologists 1225 W. Myrtle Fort Collins, CO 8. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages or Other Complete Mailing Address **Full Name** none For Completion by Nonprofit Organizations Authorized To Mail at Special Rates (DMM Section 423.12 only) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one) Has Changed During Preceding 12 Months Has Not Changed During Preceding 12 Months (If changed, publisher must submit explanation of change with this statement.)

10. Extent and Nature of Circulation (See instructions on reverse side)	Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
A. Total No. Copies (Net Press Run)	465	430
Paid and/or Requested Circulation Sales through dealers and carriers, street vendors and counter sales	0	0
Mail Subscription (Paid and/or requested)	302	288
C. Total Paid end/or Requested Circulation (Sum or 1081 and 1082)	302	288
D. Frae Distribution by Mail, Carrier or Other Means Samples, Complimentary, and Other Free Copies	140	112
E. Total Distribution (Sum of C and D)	442	400
F. Copies Not Distributed 1. Office use, left over, uneccounted, spoiled efter printing	23	30
2. Return from News Agents	0	0
G. TOTAL (Sum of E, Fl and 2-should equal net press run shown in A)	465	430
11. I certify that the statements made by Signature and	Title of Editor, Publisher, Business Mana	

me above are correct and complete

Beth Willow, Schetary CFO

COLORADO BIRD DISTRIBUTION LATILONG STUDY



****** THE LATEST EDITION HAS JUST BEEN RELEASED *****

AND IS AVAILABLE FROM THE

COLORADO FIELD ORNITHOLOGISTS

SEND \$5.00 + \$1.25 postage and handling to:

Beth Dillon, Executive Secretary, C.F.O. 1225 W. Myrtle St. Ft. Collins, CO 80521