

ideal for birding. It was only partly cloudy and very pleasant. Temperatures were low 36° high 41° . John Hamilton is forster and there were some birders who do not know their birds well enough to be turned loose on their own who helped make the count. Several birds reported I don't think were seen. 60 species reported.

Sunday, January 3, 1971

1	Rock Dove	4	X
2	Y. S. Flicker	1	X
3	Downy Woodpecker	1	X
4	Blue Jay	2	X
5	Mockingbird	1	X
6	Cedar Waxwing	18	X
7	Starling	30	X
8	House Sparrow	60	X
9	Cardinal	4	X

Today was really a winter day. Somewhere around 10 PM yesterday evening it started raining and then turned to snow. This A.M. we had about 4 to 6 inches of snow on the ground. I didn't even leave our place today. I was really tired anyway from yesterday. Temperatures today were low about 28° high about 39° .

Monday, January 4, 1971

1	Yellow Shafted Flicker	1	bud
2	Downy Woodpecker	1	X
3	Common Crow	4	a.h. 0
4	Starling	25	X
5	House Sparrow	40	X
6	Cardinal	3	X
7	Slate Colored Junco	4	X - 0

Today was clear, cold, snowy and icy. The temperatures were low about 2° high about 22° . We did not send our route trucks out this morning because highways were either impassable or icy and very dangerous driving. I did a little drifting around town but even in town it was bad driving.

Tuesday, January 5, 1976

1	Sparrow Hawk	1	o
2	Bob White	1	o
3	Downy Woodpecker	2	X - o
4	Blue Jay	2	X
5	Common Crow	50	everywhere
6	Black capped Chickadee	1	o
7	Mockingbird	1	o
8	Starling	30	X
9	House Sparrow	60	X
10	Meadowlark (Sp.?)	1	o
11	Cardinal	6	X - o
12	Slate colored Junco	18	o

Today was clear and cold. The temperatures were low about -12° high about 12° . This was our first sub. zero reading this winter. More of same tonight.

Wednesday, January 6, 1976

1	Rock Dove	6	X - o
2	Red bellied Woodpecker	2	bud - o
3	Red headed Woodpecker	1	bud
4	Blue Jay	4	X - bud
5	Common Crow	50	X - o
6	Starling	40	everywhere
7	House Sparrow	50	everywhere
8	Cardinal	20	X - o
9	American Goldfinch	2	o
10	Slate colored Junco	18	X - o
11	Tree Sparrow	25	o
12	Harris Sparrow	4	o
13	White Crowned Sparrow	1	o

Today was clear and cold. The temperatures were low -20° high 19° . Our low this morning set a record for this date. With packed snow on the country roads I have to be careful about where I stop, so I don't get hit from behind. So far none of the snow is melting.

Thursday, January 7, 1971

1	Sparrow Hawk	1		0
2	Bob White	2		0
3	Rock Dove	1		X
4	Mourning Dove	17		0
5	Yellow Shafted Flicker	1		X
6	Horned Lark	100		0
7	Blue Jay	3	X -	0
8	Common Crow	18	X -	0
9	Black capped Chickadee	3		0
10	Mockingbird	3		0
11	Starling	40	X -	0
12	House Sparrow	75	X -	0
13	Meadowlark	43		0
14	Cardinal	24	X -	0
15	Slate colored Sparrow	100		0
16	Tree Sparrow	100		0
17	Harris Sparrow	15	X -	0
18	Song Sparrow	1		0

Today was clear and cold but really nice because there was no wind. Temperatures low -15° high 26° . The reason for high counts of Horned Larks, Juncos and Tree Sparrows & Meadowlarks was because the birds had come to the road edges to feed where the snow had been pushed away. The fields are covered. Actually, we saw a thousand or more birds but as we had to keep moving we couldn't identify them.

Friday, January 8, 1971

1	Rock Dove	2		X
2	Yellow Shafted Flicker	1		X
3	Blue Jay	1		X
4	Common Crow	35	X -	0
5	Starling	25	X -	0
6	House Sparrow	60	X -	0
7	Cardinal	4	X -	0
8	Slate colored Juncos	12		0
9	Harris Sparrow	2		X

Today was clear but not so cold. Temperature low 16° high 34°

Saturday, January 9, 1971

1	Mallard	1500	near ML
2	Redtailed Hawk	12	everywhere
3	Marsh Hawk	2	near ML
4	Sparrow Hawk	2	near LC - St. Ak yls
5	Ringnecked Pheasant	1	LC
6	Rock Dove	150	d.t.
7	Mourning Dove	1	LC
8	Shorteared Owl	3	near ML
9	Yellow shafted Flicker	2	LC - ML
10	Downy Woodpecker	1	X
11	Horned Lark	150	near ML
12	Blue Jay	2	bvd - o
13	Common Crow	50	everywhere
14	Loggerhead Shrike	2	LC
15	Starling	260	everywhere
16	House Sparrow	75	everywhere
17	Meadowlark (Specie P.)	45	LC - ML
18	Red Wing Blackbird	20	ML
19	Common Grackle	3	ML
20	Cardinal	25	everywhere
21	Slate colored Junco	30	everywhere
22	Tree Sparrow	15	LC & ML
23	Harris Sparrow	2	X
24	Song Sparrow	2	LC - ML

Today was clear and nice, a bit sloppy underfoot.
Temperatures were low 29° high 44°.

Sunday January 10, 1971

1	Mallard	150	over M. River AR
2	Redtailed Hawk	1	X
3	Bald Eagle	1	M. River AR
4	Sparrow Hawk	1	AR
5	Rock Dove	6	X
6	Yellow shafted Flicker	5	X
7	Red bellied Woodpecker	1	AC
8	Downy Woodpecker	2	X - AC
9	Horned Lark	10	AR
10	Blue Jay	3	AR - X

Sunday. January 10/1970

11	Common Crow	25	AR-AC
12	Black capped Chickadee	4	AR-AC
13	Tufted Titmouse	1	AC
14	Brown Creeper	2	AC
15	Carolina Wren	1	AC
16	Mockingbird	1	X
17	Brown Thrasher	1	X
18	Golden crowned Kinglet	3	AC
19	Starling	50	everywhere
20	Myrtle Warbler	1	AC
21	House Sparrow	75	everywhere
22	Meadowlark	5	AR
23	Cardinal	18	everywhere
24	American Goldfinch	10	AR-AC
25	Towhee (spotted)	1	X
26	Slate colored Junco	50	everywhere
27	Tree Sparrow	18	AR
28	Rufous Sparrow	2	X

Today was clear and nice. The temperatures were high about 35° low about 20°. Our birding today was rather limited to the Amazonia bottoms where I was really looking for longspur and Ashland Cemetery where I was looking for the Townsend's Solitaire.

Monday. January 11/1971

1	Rock Dove	36	X
2	Yellow shafted Flicker	1	AC
3	Downy Woodpecker	1	X
4	~~Common~~ Common Crow	25	everywhere
5	Black capped Chickadee	1	o
6	White Breasted Nuthatch	1	o
7	Eastern Bluebird	4	o
8	Starling	25	everywhere
9	House Sparrow	75	everywhere
10	Meadowlark (Sp. ?)	1	o
11	Cardinal	10	everywhere
12	Rufous sided Towhee	1	X

14	Slate colored Junco	25	6
15	Tree Sparrow	10	0
16	Harris Sparrow	2	X
17	Song Sparrow	1	0

Today was mostly clear & cold. The temperatures were low about 12° high about 30° .

Tuesday January 12, 1971

1	Rock Dove	7	X
2	Blue Jay	1	0
3	Mockingbird	1	X
4	Starling	30	mostly X
5	House Sparrow	75	mostly X
6	Cardinal	5	X - brd
7	Slate colored Junco	3	NW brd
8	Harris Sparrow	1	X

Today was mostly cloudy and cold. The temperatures were low about 5° high about 18° .

Wednesday January 13, 1971

1	Red tailed Hawk	8	Highway 36 east
2	Marsh Hawk	2	
3	Sparrow Hawk	3	
4	Rock Dove	10	
5	Mourning Dove	18	
6	Red bellied Woodpecker	1	
7	Horned Lark	150	
8	Blue Jay	15	
9	Black capped Chickadee	1	
10	Starling	100	
11	House Sparrow	50	
12	Meadowlark	150	

Temperatures
low 16°
high 25°

Today was cloudy, foggy and cold all day. I left town this morning at 6 A.M. with George Stuppy to call on some of our customers. We drove east on Highway 36 to Macon, Mo, then north to Kirksville, Mo. We came back the same way. We drove a total of about 360 miles and called on 12 customers. Got back at 5 PM.

Thursday, January 14, 1971

1	Red tailed Hawk	3	o
2	Sparrow Hawk	2	o
3	Rock Dove	10	o
4	Mourning Dove	3	o
5	Yellow Shafted Flicker	1	o
6	Downy Woodpecker	1	o
7	Horred Lark	35	o
8	Blue Jay	1	o
9	Common Crow	70	o
10	Black capped Chickadee	5	o
11	Mocking Bird	5	o
12	Loggerhead Shrike	1	o
13	Starling	50	o
14	House Sparrow	150	everywhere
15	Meadowlark	75	everywhere
16	Cardinal	10	X - o
17	Rufous sided Towhee (spotted)	1	o
18	Slate colored Junco	100	o
19	Tree Sparrow	20	o
20	Harris Sparrow	6	o

Today was mostly clear and cold. The temperatures were low about 3° high about 24°

Friday, January 15, 1971

1	Red tailed Hawk	1	o
2	Rock Dove	5	o
3	Downy Woodpecker	1	o
4	Blue Jay	2	o
5	Common Crow	25	o
6	Cedar Waxwing	8	o
7	Starling	25	X - o
8	House Sparrow	30	X - o
9	Meadowlark	25	o
10	Cardinal	6	X - o
11	Slate colored Junco	30	o
12	Tree Sparrow	10	o
13	Harris Sparrow	1	X

Clear & cold. Temperatures low 3° high 23°

Saturday, January 16, 1971

1	Snow Goose	2	near ML
2	Mallard	1500	near ML
3	Red tailed Hawk	6	LC - ML
4	Marsh Hawk	8	LC - ML
5	Sparrow Hawk	3	LC - ML
6	Rock Dove	60	X - dt - ML
7	Mourning Dove	57	near LC
8	Great Horned Owl	1	X
9	Yellow shafted Flicker	1	X
10	Red shafted Flicker	1	near ML
11	Red bellied Woodpecker	2	near ML
12	Downy Woodpecker	1	near ML
13	Horned Lark	50	LC - ML
14	Blue Jay	2	X - bvd
15	Common Crow	150	everywhere
16	Black capped Chickadee	3	AC
17	Brown Creeper	1	AC
18	Mockingbird	1	X
19	Loggerhead Shrike	1	near ML
20	Starling	1200	everywhere
21	House Sparrow	200	everywhere
22	Meadowlark (Sp ?)	63	LC - ML
23	Cardinal	16	everywhere
24	Slate colored Junco	75	everywhere
25	Tree Sparrow	3	near ML
26	Harris Sparrow	2	X
27	Song Sparrow	2	near ML

Today was mostly cloudy & chilly. The temperatures were low about 20° high about 38°. Phil & I birded about 3 hours this afternoon around the Lakes.

Sunday, January 17, 1971

1	Canada Goose	250	SQ
2	Snow Goose	30	SQ
3	Blue Goose	10	SQ
4	Red tailed Hawk	18	Hwy 59 - SQ
5	Harpor's Hawk	2	SQ
6	Bald Eagle	10 (2 ad - 8 imm)	SQ

Sunday, January 17, 1971

7	Marsh Hawk	11	SQ
8	Sparrow Hawk	4	AR-Hy 59-SQ
9	Bob White	18	SQ
10	Ring necked Pheasant	4	SQ
11	Rock Dove	15	X-AR
12	Great Horned Owl	1	SQ
13	Short eared Owl	2	Hy 59 - SQ
14	~~Saw~~ Saw Whet Owl	1	SQ
15	yellow shafted Flicker	3	X-SQ
16	Red bellied Woodpecker	4	Hy 59 - SQ
17	Woody Woodpecker	4	SQ
18	Horned Lark	12	AR
19	Blue Jay	9	X-SQ
20	Black capped Chickadee	8	X-SQ
21	Tufted Titmouse	2	SQ
22	White breasted Nuthatch	2	SQ
23	Mockingbird	1	X
24	Cedar Waxwing	30	X
25	Northern Shrike	1	SQ
26	Loggerhead Shrike	10	AR-Hy 59-SQ
27	Starling	300	everywhere
28	House Sparrow	150	everywhere
29	Meadowlark (Species?)	30	AR-Hy 59-SQ
30	Red wing Blackbird	300	SQ
31	Common Grackle	50	SQ
32	Cardinal	40	mostly SQ
33	American Goldfinch	15	SQ
34	Rufous sided Towhee	2	X-SQ
35	Slate colored Junco	400	everywhere
36	Tree Sparrow	200	SQ
37	Heron Sparrow	2	X
38	White crowned Sparrow	1	SQ
39	Swamp Sparrow	8	SQ
40	Song Sparrow	25	SQ

Today was cloudy and cold all day. The temperatures were low - about 19° high about 29°. Red + I birded 10:30 AM till 6 PM from home to Squaw Creek and back. My most exciting bird was the NORTHERN SHRIKE which is a new life

bird for me. It is my 300th bird for Missouri.
 After seeing the bird I drove into Mound City, Mo where
 I called Mark Robbins and then ~~to~~ went back to lead grove.
 Harold Burgess had left so I missed him and when Mark
 + Alrew Thate showed up an hour later we could
 not find the bird.

Monday, January 18, 1971

1 Red tailed Hawk	1	MAR
2 Marsh Hawk	1	MAR
3 Rock Dove	10	o
4 Mourning Dove	2	o
5 yellow shafted Flicker	1	o
6 Horned Lark	13	MAR
7 Blue Jay	4	bvd - o
8 Common Crow	50	bvd - o - MAR
9 Mockingbird	1	o
10 Eastern Bluebird	4	o
11 Starling	50	everywhere
12 House Sparrow	50	everywhere
13 Meadowlark (Sp ?)	10	MAR - o
14 Red wing Blackbird	25	o
15 Cardinal	10	everywhere
16 Slate colored Junco	15	o - MAR
17 Harris Sparrow	1	X

Today was partly cloudy and cold. The temperatures
 were low about 12° high about 24°.

Tuesday, January 19, 1971

1 Mourning Dove	1	X
2 Mocking bird	1	X
3 Starling	25	everywhere
4 House Sparrow	30	everywhere
5 Cardinal	2	X
6 Harris Sparrow	2	X

Today was clear and cold but nice. Temperatures
 were low about -2° high about 21°. As can be seen
 I didn't get to go out today at all.

Wednesday, January 20, 1971

1	Red tailed Hawk	1	AC
2	Sparrow Hawk	2	o
3	Rock Dove	10	KP- o
4	Yellow shafted Flicker	1	o
5	Blue Jay	1	o
6	Common Crow	40	o
7	Mockingbird	1	o
8	Easter Bluebird	3	o
9	Starling	20	everywhere
10	House Sparrow	25	everywhere
11	Meadowlark	3	o
12	Cardinal	5	X- o
13	Tree Sparrow	4	o
14	Slate colored Junco	3	o

Today was clear and nice. The temperatures were low about 20° high about 44°. Just about two days ago in Fairbanks Alaska the high temperature for the day was -50° below zero and the low temperature was a -60°.

Thursday, January 21, 1971

1	Red tailed Hawk	1	o
2	Sparrow Hawk	5	o
3	Bobwhite	5	o
4	Rock Dove	5	o
5	Mourning Dove	4	o
6	Horned Lark	18	o
7	Common Crow	40	o
8	Fufted Titmouse	1	AC
9	Mockingbird	3	o
10	Easter Bluebird	3	o
11	Golden crowned Kinglet	1	AC
12	Loggerhead Shrike	4	o
13	Starling	50	everywhere
14	House Sparrow	60	everywhere
15	Meadowlark (Sp. P)	40 (probably mostly W.)	o
16	Western Meadowlark	2 (heard noted)	o
17	Red wing Blackbird	10	o

18	Cardinal	10	AC -	0
19	American Goldfinch	5		0
20	Slate colored Junco	20		0
21	Tree Sparrow	12		0

Today was clear and nice. The temperatures were low about 33° high about 45°.

Friday, January 22, 1971

1	Sparrow Hawk	1		0
2	Rock Dove	15		0
3	Horned Lark	6		MAR
4	Common Crow	30		0 - MAR
5	Black capped Chickadee	1		0
6	Eastern Blue bird	2		0
7	Loggerhead Shrike	2		MAR
8	Sterling	18		everywhere
9	House Sparrow	40		everywhere
10	Meadowlark (Sp?)	15		0 - MAR
11	Red wing Blackbird	50		0
12	Cardinal	6		0 - MAR-X
13	Slate colored Junco	18		0 - MAR

Today was clear and nice until afternoon when the wind shifted to the north and started getting colder. Temperatures today low 23° high 41°

Saturday, January 23, 1971

1	Mallard	1		SQ
2	Red Tailed Hawk	21		mostly SQ
3	Harlem Hawk	1		SQ
4	Sparrow Hawk	3		AR - Hy 59
5	Bob White	28		SQ
6	Ring necked Pheasant	2		SQ
7	Rock Dove	4		X
8	Mourning Dove	5		~~way~~ 59
9	Saw whet Owl	1		SQ
10	Yellow shafted Flicker	2		0 - SQ
11	Red bellied Woodpecker	4		SQ
12	Hairy woodpecker	1		0

Saturday, January 23, 1971

13	Downy woodpecker	2	SQ
14	Blue Jay	3	SQ
15	Common Crow	78	everywhere
16	Black capped Chickadee	12	SQ
17	Tufted Titmouse	5	SQ
18	Robin	2	brd - SQ
19	Loggerhead Shrike	7	AR-Hy 59-SQ
20	Starling	250	everywhere
21	House Sparrow	75	everywhere
22	Meadowlark (sp?)	8	near SQ
23	Red Wing Blackbird	30	SQ
24	Cardinal	24	everywhere
25	American Goldfinch	20	SQ
26	Slate colored Junco	80	SQ
27	Tree Sparrow	40	SQ
28	White crowned Sparrow	1	SQ
29	Song Sparrow	1	SQ
30	Marsh Hawk	9	SQ

Today was clear and real nice but a poor day for birding. The temperatures were low about 22° high about 44°. Petal and I birded home to Squaw Creek and back 12:40 PM to 5 PM. Birds were scarce.

Sunday January 24, 1971

1	Red tailed Hawk	6	ER - 0
2	Marsh Hawk	6	ER - 0
3	Bob White	11	AC
4	Rock Dove	3	KP
5	Yellow shelled Nicker	2	brd - ER
6	Red bellied Woodpecker	5	KP-ER
7	Hairy Woodpecker	1	KP
8	Downy Woodpecker	6	KP-ER
9	Blue Jay	4	KP-ER
10	Common Crow	50	everywhere
11	Black capped Chickadee	15	KP
12	Tufted Titmouse	3	KP
13	White breasted Nuthatch	2	KP
14	Brown Creeper	1	KP

15	Winter Wren	1	KP
16	Mockingbird	5	10 - ER
17	Eastern Bluebird	3	ER
18	Loggerhead Shrike	3	ER
19	Starling	50	everywhere
20	House Sparrow	50	everywhere
21	Meadowlark (2-W 30-P)	32	0 - ER
22	Cardinal	18	everywhere
23	Slate colored Junco	75	everywhere
24	Tree Sparrow	20	ER
25	Harris Sparrow	1	ER

Today was clear and nice. The temperatures were low about 15°, high about 46°. I birded 9:15 AM to 10:45 AM by myself at Krug Park. It was hard getting around because there is a lot of snow on the ground and my boot soles are slippery. Pearl and I then drove out the Easton Road and then stopped off at Lois + Freds for dinner. We stayed there till dark.

Monday, January 25, 1971

1	Red tailed Hawk	2	0 - AC
2	Rock Dove	4	X - KP
3	yellow shafted Flicker	1	AC
4	Common Crow	100	0 - AC
5	Black capped Chickadee	3	AC
6	Starling	35	everywhere
7	House Sparrow	50	everywhere
8	Meadowlark (Sp ?)	4	0
9	Red wing Blackbird	1	AC
10	Cardinal	2	AC

Today was clear and nice. Temperatures low 30° high 52°

Tuesday, January 26, 1971

1	Red tailed Hawk	1	south of town
2	Rough legged Hawk	1	south of town
3	Rock Dove	3	X
4	Blue Jay	1	south of town
5	Common Crow	5	0

6	Cedar Waxwing	30		X
7	Starling	140		everywhere
8	House Sparrow	30		everywhere
9	Meadowlark (Sp. ?)	1		0
10	Cardinal	2	X -	0
11	Harris Sparrow	1		X
12	Song Sparrow	1		0

Today was cloudy and cold. The temperatures were low about 16° high about 23°. Don Reynolds called me about 10 P.M. & said that someone had called and reported seeing a large white Owl about 4 miles south of town. Don & I drove to the place where the bird was reportedly seen but we saw no owl.

Wednesday, January 27, 1971

1	Red tailed Hawk	2		0
2	Rock Dove	8		0
3	Horned Lark	3		0
4	Blue Jay	1		0
5	Common Crow	30		0
6	Mockingbird	2	X -	0
7	Golden Crowned Kinglet	1		X
8	Loggerhead Shrike	2		0
9	Starling	50		everywhere
10	House Sparrow	35		everywhere
11	Meadowlark	15		0
12	Cardinal	12	X -	0
13	Slate colored Junco	20		0
14	Harris Sparrow	2		X

Today was partly cloudy and cold. The temperatures were low about 11° high about 27°.

Thursday, January 28, 1971

1	Red tailed Hawk	2	X - AR
2	Sparrow Hawk	3	0 - AR
3	Rock Dove	3	AR
4	Mourning Dove	18	AR
5	Yellow shafted Flicker	3	AR

Thursday January 28, 1971

6	Red bellied Woodpecker	2	AR
7	Downy Woodpecker	1	AR
8	Horned Lark	4	o
9	Blue Jay	2	o - AR
10	Common Crow	80	everywhere
11	Black capped Chickadee	4	AR
12	Tufted Titmouse	6	AR
13	Mockingbird	2	X - AR
14	Eastern Bluebird	1	AR
15	Loggerhead Shrike	4	o - AR
16	Starling	150	mostly - o
17	House Sparrow	200	mostly - o
18	Meadowlark (Sp P)	15	o
19	Cardinal	15	AR - o
20	Slate colored Junco	12	AR
21	Harris Sparrow	1	AR

Today was mostly clear + cold but nice. The temperatures were low about 20° high about 30°

Friday, January 29, 1971

1	Red tailed Hawk	4	o
2	Marsh Hawk	1	o
3	Sparrow Hawk	2	o
4	Rock Dove	10	o
5	Yellow-shafted Flicker	1	o
6	Downy Woodpecker	1	o
7	Blue Jay	1	o
8	Common Crow	40	X - o
9	Black capped Chickadee	2	brd - o
10	Mockingbird	4	o
11	Starling	30	everywhere
12	House Sparrow	35	everywhere
13	Western Meadowlark	12	o
14	Cardinal	10	X - o
15	Slate colored Junco	10	o

Today was clear and warm. The temperatures today were low about 24° high about 55°.

Saturday, January 30/1971

1	Rock Dove	12	d. t.
2	Crow	140	o. h. bvd
3	Starling	18	o - d. t.
4	House Sparrow	20	o - d. t.

Today was clear + cloudy + cold. The temperatures were low about 18° high about 26°. I worked up till noon and then attended a business meeting all afternoon till dark.

Sunday January 31/1971

1	Sharp shinned Hawk	1	AR
2	Red tailed Hawk	5	o - AR
3	Marsh Hawk	3	HC - o - AR
4	Sparrow Hawk	4	o - AR
5	Bob White	18	AR
6	Rock Dove	15	X - KP
7	Mourning Dove	3	AR
8	Red bellied Woodpecker	1	AR
9	Hairy Woodpecker	2	AR
10	Downy Woodpecker	1	X
11	Hooded Lark	15	AR
12	Blue Jay	5	o - AR
13	Common Crow	1000	everywhere
14	Black capped Chickadee	6	HCB - AR
15	Tufted Titmouse	5	AR
X 16	Yellow shafted Flicker	1	X
17	Mockingbird	1	o
18	Eastern Bluebird	2	AR
19	Cedar Waxwing	46	X - AR
20	Starling	75	everywhere
21	House Sparrow	150	everywhere
22	Meadowlark	3	o
23	Cardinal	20	everywhere
24	Purple Finch	3	AC
25	American Goldfinch	10	AR - AC
26	State colored Junco	30	AR - o
27	Tree Sparrow	4	o
28	Harris Sparrow	1	X

(over)

Today was clear, cold and a bit windy. The temperatures were low about 15° high about 23° . Pearl and I birded off + on from 8:50 AM until about 5 PM.

Monday, February 1, 1971

1	Marsh Hawk	1	o
2	Rock Dove	8	o
3	Harry Woodpecker	1	o
4	Horned Lark	7	MAR
5	Blue Jay	1	o
6	Common Crow	50	o - MAR
7	Mockingbird	1	o
8	Robin	1	o
9	Eastern Bluebird	1	o
10	Starling	40	everywhere
11	House Sparrow	60	everywhere
12	Meadowlark	5	o
13	Cardinal	4	o - MAR
14	Slate colored Junco	25	o - MAR
15	Harris Sparrow	5	o

Today was clear and cold. The temperatures were low about 15° high about 27° .

Tuesday, February 2, 1971

1	Red tailed Hawk	2	br + AC
2	Marsh Hawk	1	o
3	Sparrow Hawk	1	o
4	Rock Dove	8	o
5	Common Crow	40	o
6	Starling	25	everywhere
7	House Sparrow	30	everywhere
8	Cardinal	3	o
9	Tree Sparrow	12	o
10	Harris Sparrow	2	o

Today was cloudy and chilly. The temperatures were low about 22° high about 36° .

Wednesday February 3, 1971

1	Rock Dove	7		X
2	Mourning Dove	5		X
3	Blue Jay	1		0
4	Common Crow	50	0 -	X
5	Black capped Chickadee	1		X
6	Sterling	15	0 -	X
7	House Sparrow	30	0 -	X
8	Cardinal	2	brd -	X
9	Harris Sparrow	2		X

Today was cloudy with a freezing drizzle all day.
Temperatures were low 29° high about 33°.

Thursday ~~Wednesday~~ February 4, 1971

1	Sparrow Hawk	1		d. t.
2	Rock Dove	200		d. t.
3	Common Crow	1		X
4	Sterling	10	0 -	X
5	House Sparrow	30	0 -	X
6	Cardinal	1		X

Today was cloudy + chilly with mist, rain, freezing rain, sleet and snow. We had about everything except Sunshine. Temperatures low 24° high about 31°

Friday ~~Thursday~~ February 5, 1971

1	Red tailed Hawk	1		AC
2	Rock Dove	4		X
3	Blue Jay	2		
4	Common Crow	12		AC
5	Black capped Chickadee	5		AC
6	Brown Thrasher	1		brd
7	Golden crowned Kinglet	1		AC
8	Cedar Waxwing	1		AC
9	Sterling	18		
10	Myrtle Warbler	2		
11	House Sparrow	30		X
12	Cardinal	8		X - AC
13	Slate colored Junco	5		AC

I took a walk
in Ashland Cemetery
this evening

Temperatures
Low 10°
high 26°

A beautiful day. Clear, 5 inches of new snow on the ground

Saturday, February 6, 1971

1	Red tailed Hawk	5	ER - 0
2	Marsh Hawk	2	0
3	Sparrow Hawk	3	ER - 0
4	Rock Dove	5	X
5	Mourning Dove	2	0
6	Yellow shafted Flicker	3	X - 0
7	Horned Lark	6	0
8	Blue Jay	3	ER - 0 - X
9	Common Crow	50	everywhere
10	Black capped Chickadee	3	ER
11	Mocking bird	5	ER - 0
12	Eastern Blue bird	3	ER - 0
13	Cedar Waxwing	20	X
14	Loggerhead Shrike	3	ER - 0
15	Starling	150	everywhere
16	House Sparrow	60	everywhere
17	Meadowlark (Specie?)	15	ER - 0
18	Cardinal	10	everywhere
19	Slate colored Junco	25	everywhere
20	Tree Sparrow	10	ER
21	Song Sparrow	1	ER

Today was clear and cold but real nice. The temperatures were low about 10° high about 23°. Pearl & I took about a 50 mile trip east of town this afternoon. Birds were scarce.

Sunday February 7, 1971

1	Snow Goose	15	River Rd.
2	Mallard	500	River Rd.
3	Red tailed Hawk	25	mostly SA
4	Rough legged Hawk	2	SA
5	Bald Eagle	3 (2 ad. - 1 imm.)	SA
6	Marsh Hawk	4	Hiway 59 - SA
7	Rock Dove	14	X
8	Mourning Dove	7	River Rd
9	Saw whet Owl	1	SA
10	Yellow shafted Flicker	4	everywhere

~~Sunday~~ February 7, 1971
Sunday

11	Red bellied Woodpecker	6	'River Rd - SQ
12	Red headed Woodpecker	2	near Forbes
13	Hairy Wood pecker	1	SQ
14	Hairy Wood pecker	3	SQ
15	Horned Lark	30	Hiway 59 - River Rd
16	Blue Jay	8	everywhere
17	Common Crow	35	o - X - Hiway 59 - River Rd
18	Black capped Chickadee	10	SQ
19	Tufted Titmouse	3	SQ
20	White breasted Nuthatch	2	SQ
21	Robin	1	SQ
22	Cedar Waxwing	25	X
23	Loggerhead Shrike	4	Hiway 59 - River Rd - SQ
24	Starling	200	everywhere
25	House Sparrow	60	everywhere
26	Meadowlark (Species ?)	26	Hiway 59 - River Rd - SQ
27	Red wing Blackbird	40	SQ
28	Cardinal	35	mostly SQ
29	Goldfinch	3	SQ
30	Slate colored Junco	1000 est	along every Road
31	Tree Sparrow	350	along all roads
32	Job Sparrow	1	SQ
33	Song Sparrow	20	SQ

Today was clear and cold. The temperatures were low about -7° high about 15°. Pearl & I birded from home to Snow Creek & back 9 A.M. till 2:30 P.M. The answer to so many Junco's is that almost all ground is covered with about 4 inches of snow so the birds flock to the roadsides where the snow has been removed.

Monday
~~Sunday~~ February 8, 1971

1	Red tailed Hawk	1	o
2	Rock Dove	14	KP - o
3	Yellow shafted Flicker	3	X - bud - o
4	Crow	25	o
5	Black capped Chickadee	1	bud
6	Mockingbird	2	o
7	Cedar Waxwing	12	X

8 Starling	35	everywhere
9 House Sparrow	40	everywhere
10 Meadowlark (Sp. ?)	1	0
11 Cardinal	4	X
12 Slate colored Junco	10	0
13 Harris Sparrow	1	X

Today was clear and cold. The temperatures were low about -19° high about 14° .

Tuesday February 9, 1971

1 Red-tailed Hawk	1	0
2 Sparrow Hawk	2	MAR - 0
3 Rock Dove	15	KP - 0
4 Yellow-shafted Flicker	2	X - 0
5 Downy Woodpecker	1	0
6 Horned Lark	1	MAR
7 Blue Jay	4	Nw. bird - 0
8 Common Crow	30	everywhere
9 Black capped Chickadee	4	0 - MAR
10 Mockingbird	1	0
11 Eastern Bluebird	2	0
12 Loggerhead Shrike	1	0
13 Starling	75	everywhere
14 House Sparrow	50	everywhere
15 Meadowlark	15	0 - MAR
16 Cardinal	10	everywhere
17 Goldfinch	3	MAR
18 Slate colored Junco	30	0 - MAR
19 Tree Sparrow	10	0 - MAR

Today was clear and cold. The temperatures were low about -12° high about 18° .

Wednesday February 10, 1971

1 Red-tailed Hawk	2	0
2 Marsh Hawk	1	0
3 Sparrow Hawk	1	0
4 Rock Dove	20	MAR - 0
5 Mourning Dove	1	MAR

Wednesday, February 10, 1971

6	Blue Jay	4	o - MAR
7	Common Crow	50	o - MAR
8	Black capped Chickadee	3	o - MAR
9	Eastern Bluebird	2	o - MAR
10	Starling	60	everywhere
11	Myrtle Warbler	2	AC
12	House Sparrow	40	everywhere
13	Meadowlark	15	o - MAR
14	Cardinal	8	o - MAR-AC
15	Slate colored Junco	30	o - MAR-AC
16	Tree Sparrow	8	o - MAR

Today was clear and nice. Even warm enough to be sloppy underfoot. Temperatures low 8° high 46°.

Thursday, February 11, 1971

1	Red-tailed Hawk	2	o
2	Bob White	25	o
3	Rock Dove	18	X - o
4	Horned Lark	3	o
5	Blue Jay	3	bud - o
6	Common Crow	60	X - o
7	Mockingbird	3	o
8	Loggerhead Shrike	2	o
9	Starling	40	everywhere
10	House Sparrow	50	everywhere
11	Meadowlark (some Westerns)	42	o
12	Cardinal	6	X - o

Today was mostly clear & nice. The temperatures were low about 33° high about 54°. Another day like this would about clean the ice & snow from the streets.

Friday, February 12, 1971

1	Sparrow Hawk	1	o
2	Rock Dove	6	X - o
3	Red-bellied Woodpecker	1	o
4	Downy Woodpecker	1	MAR
5	Common Crow	20	X - o - MAR

6	Black capped Chickadee	2	0 - MAR
7	Cedar Waxwing	1	X
8	Starling	20	everywhere
9	House Sparrow	40	everywhere
10	Cardinal	3	X
11	Slate colored Junco	10	MAR
12	Tree Sparrow	9	MAR

Today was mostly clear, windy and cold. The temperatures were low about 19° high about 39°.

Saturday, February 13, 1971

1	Rock Dove	5	d.t.
2	Yellow shafted Flicker	1	X
3	Blue Jay	1	0
4	Common Crow	5	o.k. bvd
5	Starling	12	everywhere
6	House Sparrow	30	everywhere
7	Cardinal	3	X
8	Harris Sparrow	1	X

Today was clear and cold all day. The temperatures today were low about 18° high about 34°. Larry and Maritta were up this afternoon for all afternoon so I did not go out at all.

Sunday, February 14, 1971

1	Snow Goose	700	near ML
2	Blue Goose	500	near ML
3	Mallard	400	near ML
4	Pintail	20	near ML
5	Red tailed Hawk	7	LC-ML-0-ER
6	Rough legged Hawk	2	LC-ML
7	Bald Eagle	3 adults	near ML
8	Marsh Hawk	5	LC-ML-ER
9	Sparrow Hawk	4	LC-ER-0
10	Rock Dove	50	2 L-X-ML
11	Mourning Dove	1	X
12	Yellow shafted Flicker	4	X-0-LC

Sunday, February 14, 1971

13	Red bellied Woodpecker	1	AC
14	Red headed Woodpecker	1	ER
15	Downy Woodpecker	4	X-LC-MC-ER
16	Horned Lark	73	LC-ML
17	Blue Jay	5	everywhere
18	Common Crow	1500	everywhere
19	Black capped Chickadee	6	LC-ML-ER
20	Tufted Titmouse	1	ML
21	Brown Creeper	1	AC
22	Mockingbird	2	X-ER
23	Cedar Waxwing	7	AC
24	Loggerhead Shrike	3	LC-ML-ER
25	Starling	2500	everywhere
26	House Sparrow	50	everywhere
27	Meadowlark (Specie?)	30	LC-ML-ER
28	Red Wing Blackbird	125	ML
29	Cardinal	16	everywhere
30	Slate colored Junco	20	ML-ER
31	Tree Sparrow	30	ML-ER
32	Song Sparrow	1	ER

Today was cloudy, damp and chilly all day. The temperatures were low about 29° high about 40°. Pearl & I birded all day from 9:40 am till 4:30 PM and was never over 20 miles from home

Monday, February 15, 1971

1	Red tailed Hawk	1	0
2	Rock Dove	12	0
3	Yellow shafted Flicker	2	0
4	Blue Jay	1	0
5	Common Crow	15	X-0
6	Robin	1	X
7	Starling	50	everywhere
8	House Sparrow	40	everywhere
9	Meadowlark	6	0
10	Cardinal	2	0

Today was clear and real nice. I was so tired I did not go out birding. Temperatures low 24° high 49°

Tuesday, February 16, 1971

1	Redtailed Hawk	3	AC - 0
2	Marsh Hawk	1	0
3	Rock Dove	12	X - 0
4	Mourning Dove	2	bvd
5	Red bellied Woodpecker	1	KP
6	Downy Woodpecker	1	KP
7	Blue Jay	3	0 - KP
8	Common Crow	60	X - 0 - KP
9	Black capped Chickadee	6	KP
10	Tufted Titmouse	2	bvd - KP
11	Cherokee Wren	2	0 - AC
12	Mockingbird	1	0
13	Cedar Waxwing	8	AC
14	Starling	50	everywhere
15	House Sparrow	25	everywhere
16	Western Meadowlark	9	0
17	Cardinal	10	KP - 0
18	Slate colored Junco	3	AC
19	Tree Sparrow	2	0
20	Harris Sparrow	4	0

Today was cloudy, fairly warm, poor visibility & sloppy underfoot. Temperatures were low 35° high 49°

Wednesday, February 17, 1971

1	Redtailed Hawk	3	0 - AC
2	Marsh Hawk	1	0
3	Sparrow Hawk	1	0
4	Bob White	6	0
5	Rock Dove	15	X - 0
6	Mourning Dove	1	0
7	Red bellied Woodpecker	3	KP - 0 - AC
8	Downy Woodpecker	2	0
9	Horned Lark	3	0 - MAR
10	Blue Jay	3	0 - MAR
11	Common Crow	75	X - 0 - MAR
12	Black capped Chickadee	5	0 - MAR
13	Tufted Titmouse	2	KP - 0
14	Mockingbird	4	X - 0

Wednesday, February 17, 1971

15	Eastern Bluebird	2	MAR
16	Cedar Waxwing	9	AC
17	Starling	30	everywhere
18	House Sparrow	25	everywhere
19	Eastern Meadowlark	3	heard & seen 0-MAR
20	Western Meadowlark	4	heard & seen 0-MAR
21	Redwing Blackbird	5	0
22	Common Grackle	6	MAR
23	Cardinal	15	everywhere
24	Slate colored Junco	2	0 AC

Today was clear and real nice. The temperatures were low about 30° high about 59°.

Thursday, February 18, 1971

1	Red tailed Hawk	2	0
2	Sparrow Hawk	2	0
3	Rock Dove	10	KP- 0
4	Mourning Dove	1	0
5	Common Crow	35	everywhere
6	Black capped Chickadee	8	KP
7	Tufted Titmouse	3	KP
8	Brown Creeper	1	KP
9	Mockingbird	1	0
10	Loggerhead Shrike	2	0
11	Starling	50	everywhere
12	House Sparrow	30	everywhere
13	Western Meadowlark	20	0
14	Cardinal	10	everywhere
15	Slate colored Junco	3	KP
16	Harris Sparrow	5	0

Today was mostly clear and really warm. The temperatures were low about 45° high about 69°.

Friday, February 19, 1971

1	Red tailed Hawk	2	0-MAR
2	Marsh Hawk	1	0
3	Sparrow Hawk	3	0-MAR
4	Rock Dove	30	0-MAR

Friday, February 19, 1971

5	Horned Lark	2	MAR
6	Blue Jay	2	o - MAR
7	Common Crow	60	o - MAR
8	Black capped Chickadee	3	KP - MAR
9	Tufted Titmouse	1	o
10	Starling	175	everywhere
11	House Sparrow	35	everywhere
12	Meadowlark (probably W.)	25	o - MAR
13	Red wing Blackbird	150	o - MAR
14	Common Grackle	35	o - MAR
15	Cardinal	10	o - MAR
16	Slate colored Junco	2	MAR

Today was cloudy, windy and began cooling off again after yesterday. Temperatures low 36° high 57°

Saturday, February 20, 1971

1	Red billed Grebe	1	LC
2	Canada Goose	60	ML - LC
3	Snow Goose	30	ML
4	Blue Goose	15	ML
5	Mallard	75	ML
6	Pintail	4	ML
7	American Goldeneye	5	LC
8	Hooded Merganser	2	LC
9	Red-tailed Hawk	5	d.t. - LC - ML
10	Marsh Hawk	4	LC - ML
11	Sparrow Hawk	5	d.t. - LC - ML
12	American Coot	7	LC
13	Herring Gull	1	LC
14	Rock Dove	25	ML - o - d.t.
15	Mourning Dove	16	ML
16	Yellow-shafted Flicker	1	X
17	Red Bellied Woodpecker	2	LC
18	Downy Woodpecker	1	LC
19	Blue Jay	1	o
20	Common Crow	50	everywhere
21	Black capped Chickadee	2	o
22	Tufted Titmouse	2	KP - o

31. Lapland Longspur	20	ML
23 Horned Lark	24	LC-ML
24 Mockingbird	2	0-X
25 Robin	10	X
26 Starling	750	everywhere
27 House Sparrow	50	everywhere
28 Meadowlark (specie P)	35	LC-ML
29 Redwing Blackbird	4	ML
30 Cardinal	18	everywhere

Today was cloudy, damp and chilly all day. The open water at Lake Contrary and the showing of water birds there made me happy. The temperatures today were low about 34° high about 39°

Sunday, February 21, 1971

1 Canada Goose	300	SQ
2 Snow Goose	1800	SQ
3 Blue Goose	600	SQ
4 Mallard	3000	SQ
5 Black Duck	21	SQ
6 Pintail	100	SQ
7 Green winged Teal	12	SQ
8 Red tailed Hawk	6	SQ
9 Bald Eagle	46	SQ
10 Marsh Hawk	7	AR-SQ
11 Sparrow Hawk	1	Hiway 59
12 King billed Gull	1	SQ
13 Rock Dove	10	KP-AR
14 Saw whet Owl	1	SQ
15 yellow shufted Flicker	1	AR
16 Red Bellied Wood pecker	3	AR-SQ
17 Downy Woodpecker	2	AR-SQ
18 Horned Lark	24	AR-SQ
19 Blue Jay	1	Hiway 59
20 Common Crow	30	AR-Hiway 59 SQ
21 Black capped Chickadee	1	SQ
22 Cedar Waxwing	20	X
23 Starling	500	everywhere
24 House Sparrow	100	everywhere

Mark totaled
55 Eagles so that
(27 ad 19 imm)
is what I am
counting
9 not aged
4 by Phil
Rice

29. Harlans Hawk

1

SQ

25 Meadowlark

6

AR

26 Red wing Blackbird

5000

SQ

27 Cardinal

20

AR-SQ

28 Harris Sparrow

4

X-3 SQ

Today was cloudy, windy all chilly all day Pearl and I left home at 8:25 AM for Squaw Creek. I almost got stuck twice going through the Amazonia flats. We birded at Squaw Creek untill about 2 P.M. with Mark Robbins and Harold Burgess. Harold had seen the Northern Shrike on Feb 9th. near the same place where Pearl and I saw one in January. This morning about an hour before we arrived at the Refuge Mark had seen a female Surf Scoter that is ~~why~~ why we spent the rest of the day with him in trying to find it. Most of the area is frozen over with very little open water. We never did find the bird. It might have flown on to the river. We made our count today of the Bald Eagles for the National Audubon Society. Mark early had counted 55 eagles at the Refuge but did not separate the adults from the immatures. Pearl and I counted a total of 46. (27 adults 19 immature) So I am going to report a total of 55 Bald Eagles. 27 adults - 19 immature and nine not aged. Temperatures today were low 29° high 35°

also reported by
Phil Rice
4 not aged
near Fortitude

Eagles
27 adults
19 immature
9 not aged

Monday, February 22, 1971

1 Rock Dove

1

X

2 Mourning Dove

1

X

3 yellow shafted Flicker

1

X

4 Downy Woodpecker

1

X

5 Blue Jay

1

0

6 Common Crow

20

o.h.

X

7 Robin

5

X

8 Eastern Bluebird

2

X

9 Starling

30

o -

X

10	House Sparrow	30	o - X
11	Cardinal	6	o - X
12	American Goldfinch	3	o
13	Slate colored Junco	1	X

Today was cloudy, chilly and snowy all day. We got up this morning with a six inch snow on the ground. During the night we had snow, rain and sleet with thunder and lightening. I spent quite a bit of my time outside today. Temperatures low 29° high 36°

Tuesday February 23, 1971

1	Rock Dove	15	o.h. X
2	Mourning Dove	1	X
3	Downy Woodpecker	1	X
4	Blue Jay	1	X
5	Common Crow	50	o.h. X
6	Tufted Titmouse	1	o
7	Mockingbird	1	X
8	Robin	1	X
9	Starling	25	everywhere
10	House Sparrow	50	everywhere
11	Red wing Blackbird	40	o.h. X
12	Cardinal	10	o - X
13	Harris Sparrow	1	X

Today was clear and nice, even if sloppy underfoot. Temperatures were low about 23° high about 43°. A lot of snow melted today.

Wednesday February 24, 1971

1	Common Goldeneye	2	LC
2	Hooded Merganser	4	LC
3	Red tailed Hawk	1	Nw. brd
4	Sparrow Hawk	2	o - LC
5	Rock Dove	60	X - d.t.
6	Mourning Dove	2	X
7	yellow shafted Flicker	3	X - o - LC
8	Downy wood pecker	1	MAR
9	Horned Lark	3	MAR

Wednesday, February 24, 1971

10	Blue Jay	2	X
11	Common Crow	40	everywhere
12	Black capped Chickadee	3	X - 0 - MAR
13	White breasted Nuthatch	1	MAR
14	Mockingbird	1	X
15	Starling	50	everywhere
16	House Sparrow	40	everywhere
17	Western Meadowlark	4	0
18	Red wing Blackbird	50	0
19	Cardinal	15	everywhere
20	Slate colored Junco	10	X 0 - MAR
21	Tree Sparrow	20	0 - MAR - 'X
22	Song Sparrow	1	0

Today was clear and nice but sloppy underfoot. The temperatures were low about 9° high about 45°. Pearl and I drove down to Lake Contrary this evening where I was hoping to see some more waterfowl but except for a small strip of open water the whole lake was frozen over.

Thursday, February 25, 1971

1	Common Merganser	10	on Platte River	0
2	Red tailed Hawk	2		0
3	Sparrow Hawk	1		0
4	Rock Dove	3		0
5	Mourning Dove	2		X
6	Horned Lark	6		0
7	Blue Jay	2		6 - 0
8	Common Crow	25		X - 0
9	Black capped Chickadee	1		0
10	Tufted Titmouse	1		0
11	Mockingbird	2		X - 0
12	Robin	1		0
13	Starling	35		everywhere
14	House Sparrow	40		everywhere
15	Western Meadowlark	18		0
16	Cardinal	10		X - 0
17	S. C. Junco	4		X - 0

cloudy & mild
low 24° high 49°
partly temp

Friday, February 26, 1971

1	American Coot	2	LC
2	Common Goldeneye	3	LC
3	Rock Dove	6	X - d.t.
4	Mourning Dove	2	X
5	Yellow shafted Flicker	1	bvd
6	Common Crow	1500 (mostly Mo. River)	everywhere
7	Robin	3	bvd - X
8	Sterling	50	everywhere
9	House Sparrow	40	everywhere
10	Redwing Blackbird	250	LC
11	Harris Sparrow	1	X

Today was mostly cloudy, windy & chilly. Temperatures were low about 38° high about 49°.

Saturday, February 27, 1971

1	Common Goldeneye	3	LC
2	Red-tailed Hawk	4	LC - ML
3	Marsh Hawk	3	LC - ML
4	Sparrow Hawk	3	LC - ML
5	American Coot	5	LC
6	Rock Dove	50	ML - X - d.t.
7	Yellow shafted Flicker	1	bvd
8	Hairy Woodpecker	1	o
9	Horned Lark	30	LC - ML
10	Blue Jay	1	o
11	Common Crow	1000	everywhere
12	Mockingbird	1	X
13	Robin	2	bvd
14	Eastern Bluebird	1	o
15	Cedar Waxwing	6	X
16	Loggerhead Shrike	1	LC
17	Sterling	200	everywhere
18	House Sparrow	125	everywhere
19	Meadowlark (specie?)	12	LC - ML
20	Redwing Blackbird	500	X - LC - ML
21	Cowbird	1	LC
22	Cardinal	15	everywhere

23 Tree Sparrow

10

LC

Today was clear, windy & chilly. The temperatures were low about 31° high about 44°.

Sunday, February 28, 1971

1 Canada Goose	300		SW
2 Snow Goose	2000	River Rd -	SW
3 Blue Goose	1500	River Rd -	SW
4 Mallard	2500	River Rd -	SW
5 Black Duck	20		SW
6 Pintail	900		SW
7 American Widgeon	2		SW
8 Red-tailed Hawk	15	AR-River Rd -	SW
9 Harlan's Hawk	3	River Rd -	SW
10 Bald Eagle (15 ad 8 imm)	23		SW
11 Marsh Hawk	7		SW
12 Sparrow Hawk	4	Hiway 59 -	0
13 Killdeer (heard only)	1		SW
14 Rock Dove	18		X - 0
15 Mourning Dove	1	Hiway 59	
16 Saw Whit Owl	1		SW
17 yellow-shafted Flicker	10		everywhere
18 Red Bellied Woodpecker	3	River Rd -	SW
19 Red-headed Woodpecker	1	River Rd	
20 Downy Woodpecker	4		SW
21 Horned Lark	1		SW
22 Blue Jay	12		everywhere
23 Common Crow	750	mostly River Rd.	
24 Black-capped Chickadee	6	River Rd -	SW
25 Tufted Titmouse	3	River Rd -	AC
26 Mockingbird	3		0
27 Robin	1		AR
28 Cedar Waxwing	2		X
29 Northern Shrike	1		SW
30 Loggerhead Shrike	4	River Rd -	SW Hy 59
31 Starling	750		everywhere
32 House Sparrow	200		everywhere
33 Eastern Meadowlark	18	River Rd -	SW

Sunday, February 28, 1971

43	Lapland Longspur	100 est	SQ
34	Western Meadowlark	3	0
35	Red Wing Blackbird	2500	River Rd - SQ
36	Common Grackle	12	0 - SQ
37	Cardinal	18	everywhere
38	American Goldfinch	25	SQ
39	Slate colored Junco	40	River Rd - SQ
40	Tree Sparrow	25	River Rd - SQ
41	Harrier Sparrow	1	X
42	Song Sparrow	2	SQ

Today was partly cloudy & chilly all day. Muddy underfoot at Squaw Creek. Several of the roads we could not make because of mud. Temperatures were low about 24° high about 42°. Pearl & I left home at 8:30 AM & headed for Squaw Creek. We got back to St Joe at 3 PM, made a drive past of town & through the cemetery & then got home at about 4:15 P.M. I was very happy today to find the Northern Shrike & show it to Mark Robbins and Richard Rowlett.

Monday, March 1, 1971

1	Red tailed Hawk	1	0
2	Sparrow Hawk	1	0
3	Rock Dove	18	0 - X
4	Yellow shafted Flicker	1	AC
5	Blue Jay	2	bird - 0
6	Crow	50	everywhere
7	Tufted Titmouse	1	0
8	Robin	3	X
9	Starling	50	everywhere
10	House Sparrow	60	everywhere
11	Western Meadowlark	4	0
12	Red wing Blackbird	3	AC
13	Cardinal	10	everywhere
14	Slate colored Junco	1	X
15	Harrier Sparrow	1	X

Today was cloudy and chilly all day after an overnight snow of 4 inches. Temperatures low 32° high 38°

Tuesday, March 2, 1971

1	Red tailed Hawk	1	0
2	Marsh Hawk	2	0
3	Rock Dove	10	0
4	Mourning Dove	1	X
5	Yellow shafted Flicker	1	X
6	Downy Woodpecker	1	X
7	Horned Lark	4	MAR
8	Blue Jay	1	X
9	Common Crow	35	everywhere
10	Black capped Chickadee	4	0 - MAR
11	Tufted Titmouse	1	0
12	Mockingbird	1	0
13	Robin	1	X
14	Starling	25	everywhere
15	House Sparrow	50	everywhere
16	Western Meadowlark	6	0
17	Redwing Blackbird	40	0
18	Cardinal	8	everywhere
19	Slate colored Junco	20	X - 0 - MAR
20	Tree Sparrow	25	0 - MAR
21	Harris Sparrow	1	X
22	Song Sparrow	1	MAR

Today was mostly clear & real chilly with a sharp north west wind. Temperatures low about 20° high about 32°.

Wednesday March 3, 1971

1	~~Sparrow Hawk~~ Sparrow Hawk	1	0
2	Rock Dove	10	X - 0
3	Yellow shafted Flicker	3	0 - AC
4	Horned Lark	3	MAR
5	Blue Jay	3	0
6	Common Crow	20	everywhere
7	Black capped Chickadee	1	0
8	Tufted Titmouse	1	0
9	Mockingbird	1	0
10	Robin	12	X - 0 - AC
11	Cedar Waxwing	18	X - AC
12	Starling	30	everywhere

13	House Sparrow	40	everywhere
14	Western Meadowlark	25	o - MAR
15	Cardinal	12	everywhere
16	Slate colored Junco	8	o - MAR
17	Tree Sparrow	3	o - MAR
18	Harris Sparrow	1	X

Today was clear and chilly all day. The temperatures were low about 11° high about 34°

Thursday March 4, 1971

1	Red tailed Hawk	1	o
2	Marsh Hawk	2	MAR
3	Sparrow Hawk	1	o
4	Killdeer	1	o
5	Rock Dove	15	X - o
6	Yellow shafted Flicker	17	MAR - o
7	Red headed Woodpecker	1	bud
8	Downy Woodpecker	1	o
9	Horned Lark	8	MAR - o
10	Blue Jay	3	MAR - o
11	Common Crow	300	everywhere
12	Black capped Chickadee	3	o
13	Tufted Titmouse	1	o
14	Mockingbird	3	o
15	Robin	20	X - bud - o
16	Eastern Bluebird	1	o
17	Cedar Waxwing	6	X
18	Loggerhead Shrike	3	o
19	Starling	150	everywhere
20	House Sparrow	40	everywhere
21	Western Meadowlark	20	MAR - o
22	Red wing Blackbird	30	MAR - o
23	Common Grackle	1	MAR
24	Cardinal	12	everywhere
25	Slate colored Junco	12	MAR - o
26	Tree Sparrow	5	MAR - o

Today was clear & nice, a bit windy. The temperatures were low about 17° high about 51°

Friday, March 5, 1971

1	Red tailed Hawk	2	MAR - o
2	Sparrow Hawk	1	MAR
3	Rock Dove	40	o - MAR
4	Mourning Dove	1	X
5	Red bellied Woodpecker	1	MAR
6	Downy Woodpecker	2	MAR
7	Hooded Lark	2	MAR
8	Blue Jay	2	bvd - o
9	Common Crow	125	everywhere
10	Black capped Chickadee	2	o
11	Mockingbird	2	MAR - o
12	Robin	7	X - bvd - o
13	Cedar Waxwing	3	o
14	Starling	50	everywhere
15	House Sparrow	60	everywhere
16	Eastern Meadowlark	3	o
17	Western Meadowlark	15	o - MAR
18	Red wing Blackbird	6	o - MAR
19	Common Grackle	1	X
20	Cardinal	15	everywhere
21	Slate colored Junco	15	o - MAR
22	Tree Sparrow	12	o
23	Harrier Sparrow	1	X

Today was mostly cloudy & a bit chilly. Temperatures were low about 34° high about 47°

Saturday, March 6, 1971

1	Snow Goose	250	ML
2	Blue Goose	150	ML
3	Mallard	200	ML
4	Pintail	23	ML
5	Red tailed Hawk	3	o - LC - ML
6	Marsh Hawk	4	MAR
7	Sparrow Hawk	4	o - LC - MAR
8	American Coot	5	LC
9	Rock Dove	50	o - d.t. - ML
10	Yellow shafted Flicker	1	X
11	Red bellied woodpecker	1	MAR

Saturday, March 6, 1971

12	Downy Woodpecker	3	0 - X
13	Horned Lark	18	ML
14	Blue Jay	1	X
15	Common Crow	500	everywhere
16	Black capped Chickadee	2	ML
17	Tufted Titmouse	1	KP
18	Robin	4	X - bvd -
19	Loggerhead Shrike	1	0
20	Starling	500	everywhere
21	House Sparrow	125	everywhere
22	Meadowlark (some W. heard)	18	0 - MAR - LC - ML
23	Red wing Blackbird	140	ML - 0
24	Common Grackle	1	X
25	Brown headed Cowbird	25	0
26	Cardinal	20	everywhere
27	Slate colored Junco	6	MAR
28	Tree Sparrow	6	ML

Today was cloudy, windy and chilly all day. Temperatures were low about 32° high about 42°. Pearl and I banded 12:45 P.M. until 5 P.M.

Sunday March 7, 1971

1	Canada Goose	750	near HC - SQ
2	~~Go~~ White fronted Goose	125	SQ
3	Snow Goose	12000	SQ
4	Blue Goose	7000	SQ
5	Mallard	6000	near HC - SQ
6	Black duck	1	SQ
7	Pintail	1200	near HC - SQ
8	American Widgeon	2	near HC
9	Red head	15	near HC
10	Ring necked Duck	2	near HC
11	Canvasback	3	near HC
12	Lesser Scaup	18	near HC
13	Common Goldeneye	8	near HC
14	Bufflehead	3	near HC
15	Red tailed Hawk	14	everywhere
16	Rough legged Hawk	1	SQ

Sunday, March 7, 1971

17	Bald Eagle (11 ad - 18 imm)	29	SQ
18	Marsh Hawk	6	River Rd - SQ
19	Sparrow Hawk	3	River Rd - 0
20	Bob White	18	River Rd
21	Rock Dove	12	X - 0 - AR
22	Mourning Dove	1	0
23	Barred Owl	1	SQ
24	Saw white Owl	1	SQ
25	Yellow shafted Flicker	8	everywhere
26	Red bellied Woodpecker	3	River Rd - SQ
27	Red headed Woodpecker	1	River Rd
28	Hairy Woodpecker	1	SQ
29	Downy Woodpecker	6	River Rd - SQ
30	Horned Lark	3	0
31	Blue Jay	2	X - SQ
32	Common Crow	200	everywhere
33	Black capped Chickadee	6	River Rd - X - SQ - 0
34	Mockingbird	2	0
35	Robin	24	everywhere
36	Eastern Bluebird	5	AR
37	Loggerhead Shrike	3	River Rd - SQ - 0
38	Starling	200	everywhere
39	House Sparrow	50	everywhere
40	Meadowlark (specie?)	40	everywhere
41	Red wing Blackbird	350	everywhere
42	Common Grackle	4	X - River Rd
43	Brown headed Cowbird	15	River Rd
44	Cardinal	20	everywhere
45	Slate colored Junco	25	SQ + 0
46	Tree Sparrow	25	SQ - 0
47	Harris Sparrow	5	0
48	Song Sparrow	1	SQ

Today was mostly clear, Windy & chilly but pretty good for birding. Temperatures low 28° high 39°. Pearl & I birded 8:30 am to 3 PM home to Squaw Creek & back. Then we birded east of town until 6 PM. We saw many of the ducks marked near H.F. in a flooded area between the Town of Nodaway and the Missouri River.

Monday, March 8, 1971

1	Ringnecked Duck	1	LC
2	Hooded Merganser	2	LC
3	Redtailed Hawk	1	o
4	Sparrow Hawk	1	o
5	American Coot	4	LC
6	Rock Dove	16	o - d.t.
7	Mourning Dove	1	X
8	Horned Lark	2	o
9	Hairy Woodpecker	1	MAR
10	Blue Jay	3	X - o
11	Common Crow	150	everywhere
12	Black capped Chickadee	3	o
13	Mockingbird	1	o
14	Robin	4	o - bvd
15	Eastern Bluebird	1	MAR
16	Starling	125	everywhere
17	House Sparrow	35	everywhere
18	Eastern Meadowlark	6	o
19	Red wing Blackbird	30	o
20	Common Grackle	1	X
21	Cardinal	5	X - o - MAR
22	Slate colored Junco	3	MAR
23	Harris Sparrow	1	X

Today was clear, cool & nice. The temperatures were low about 20° high about 43°. I checked time and mileage this evening after work from my home to Lake Contrary where I always make my first stop it is 7.6 miles & took 17 minutes. On the way back home I stopped off at Browning Lake so I checked my mileage from my favorite ~~spot~~ spotting area and it was 8.8 miles & took 21 minutes to get home.

Tuesday, March 9, 1971

1	Rock Dove	10	X
2	Mourning Dove	2	X
3	Yellow shafted Flicker	1	X
4	Common Crow	6	o.h. bvd
5	Robin	8	bvd

Thursday, March 9, 1971

6	Starling	15	X
7	House Sparrow	75	X
8	Common Grackle	1	X
9	Cardinal	3	X

Today was supposed to be cloudy and warm with possible showers this evening but about 9 AM it started snowing and kept it up all day. The snow about 3 to 4 inches was wet and slippery. Our route man driving the east route slid on the highway crashing into a bridge. I don't know how much damage to the truck but he is in the hospital with some broken ribs and a fractured knee. The temperatures today were low 28° high 37°. The accident happened just east of Brookfield, Mo. He was taken to the Brookfield hospital so I haven't seen him.

Wednesday March 10, 1971

1	Red tailed Hawk	3	east
2	Marsh Hawk	2	east
3	Sparrow Hawk	2	east
4	Rock Dove	10	X - east
5	Mourning Dove	4	east
6	Yellow shafted Flicker	1	X
7	Red headed Woodpecker	1	east
8	Horned Lark	500 est	all roads east
9	Blue Jay	8	east
10	Common Crow	150 est	everywhere east
11	Mockingbird	3	east
12	Robin	150 est	all roads
13	Cedar Waxwing	1	east
14	Loggerhead Shrike	4	east
15	Starling	300	everywhere
16	House Sparrow	150	everywhere
17	Meadowlark	200	everywhere
18	Cardinal	15	everywhere
19	Slate colored Junco	300	everywhere

Because all fields were snow covered the birds flushed to the roadsides.

Today was clear & warm. Temperatures low 18° high 46°. I drove the route wagon east today a total of 243 miles.

Thursday, March 11, 1971

1	Red tailed Hawk	5		0
2	Sparrow Hawk	4		0
3	Killdeer	9		0
4	Rock Dove	15	X -	0
5	Mourning Dove	3	X -	0
6	Yellow shafted Flicker	1		0
7	Red bellied Woodpecker	1		bvd
8	Hairy Woodpecker	1		0
9	Downy Woodpecker	5		bvd
10	Horned Lark	4		0
11	Blue Jay	6		bvd
12	Common Crow	6	0 -	bvd
13	Black capped Chickadee	10	0 -	bvd
14	Tufted Titmouse	4		bvd
15	White breasted Nuthatch	3		bvd
16	Brown Creeper	1		bvd
17	Mockingbird	3		0
18	Robin	35	X - 0 -	bvd
19	Eastern Bluebird	2		0
20	Loggerhead Shrike	2		0
21	Starling	40		everywhere
22	House Sparrow	35		everywhere
23	Eastern Meadowlark	6		0
24	~~Red~~ Western Meadowlark	20		0
25	Red wing Blackbird	50		0
26	Common Grackle	1		bvd
27	Cardinal	25	X - 0 -	bvd
28	Slate colored Junco	20	0 -	bvd
29	Tree Sparrow	1		0
30	Song Sparrow	1		0

Today was clean and real nice. The temperatures were low about 30° high about 65°. I was without transportation at noon so I took a 3 1/2 mile walk along the boulevard. This evening we took our usual Thursday evening ride to Helena, Mo. and back. About 40 miles total mostly on County and State roads.

Friday, March 12, 1971

1	Lesser Scaup	13	0
2	Turkey Vulture	1	northeast
3	Coopers Hawk	1	northeast
4	Red tailed Hawk	18	everywhere
5	Sparrow Hawk	6	everywhere
6	Killdeer	3	0
7	Rock Dove	18	X - 0
8	Mourning Dove	8	everywhere
9	Yellow Shafted Flicker	4	everywhere
10	Red bellied Woodpecker	2	northeast - AC
11	Red headed Woodpecker	4	Camp Crowder
12	Downy Woodpecker	2	northeast
13	Horned Lark	14	northeast
14	Blue Jay	4	northeast
15	Common Crow	10	northeast
16	Black capped Chickadee	1	X
17	Tufted Titmouse	4	KP Camp Crowder
18	White breasted Nuthatch	1	Camp Crowder
19	Carolina Wren	1	AC
20	Mockingbird	1	X
21	Robin	60	everywhere
22	Eastern Bluebird	4	northeast
23	Cedar Waxwing	10	AC
24	Loggerhead Shrike	4	northeast
25	Starling	150	everywhere
26	House Sparrow	60	everywhere
27	Eastern Meadowlark	} 100+st heard both songs	everywhere
28	Western Meadowlark		everywhere
29	Red wing Blackbird	30	everywhere
30	Common Grackle	6	X - 0 - northeast
31	Cardinal	16	everywhere
32	Slate colored Junco	12	everywhere
33	Tree Sparrow	2	0

This was a beautiful day. Temperatures were low about 33° high about 71°. Clear & warm. Pearl & I took a drive northeast to Princeton, Mo. and back. We stopped at Camp Crowder State Park and ate our lunch at about 1 PM.

Saturday, March 13, 1971

1	Mallard	11	AP
2	Shoveller	7	LC
3	Common Goldeneye	2	LC
4	Bufflehead	1	LC
5	Hooded Merganser	1	AP
6	Redtailed Hawk	2	o - LC
7	Sparrow Hawk	2	o - LC
8	Killdeer	4	o - LC
9	Rock Dove	50	o - d. t.
10	Mourning Dove	6	bvd - o
11	Ring-billed Gull	12	LC
12	Hairy Woodpecker	1	KP
13	Downy Woodpecker	1	KP
14	Horned Lark	1	o
15	Blue Jay	1	KP
16	Common Crow	10	everywhere
17	Black-capped Chickadee	2	KP
18	Tufted Titmouse	1	o
19	Mockingbird	1	X
20	Robin	30	everywhere
21	Cedar Waxwing	2	X
22	Starling	40	everywhere
23	House Sparrow	75	everywhere
24	Eastern Meadowlark	4	o
25	Western Meadowlark	5	o
26	Red-winged Blackbird	500	mostly LC
27	Common Grackle	75	LC
28	Cardinal	6	everywhere
29	Slate-colored Junco	3	KP - o
30	Tree Sparrow	3	AP

Today was clear and very warm. The temperatures were low about 44° high about 77°. I didn't do much birding this afternoon. I spent about half the time at home.

Sunday, March 14, 1971

1	Horned Grebe	7	LC
2	Pied-billed Grebe	2	LC
3	Canada Goose	15	near HC

Sunday, March 14, 1971

4.	White fronted Goose	2	MR
5	Snow Goose	1500	ML
6	Blue Goose	1200	~~everywhere~~ ML
7	Mallard	1500	everywhere
8	Gadwall	7	MR
9	Pintail	150	MR near HC
10	Green winged Teal	30	MR
11	Blue winged teal	1	MR
12	American Widgeon	10	MR near HC
13	Shoveller	25	LC-HL-ML- ^{near} HC
14	Wood Duck	7	AP near HC
15	Red head	60	ML near HC
16	Ring necked Duck	2000	everywhere
17	Cayvasback	25	MR near HC
18	Lesser Scaup	250	everywhere
19	Bufflehead	8	MR near HC
20	Ruddy Duck	3	AP
21	Common Merganser	8	HL
22	Red breasted Merganser	2	AP
23	Red tailed Hawk	6	everywhere
24	Marsh Hawk	3	ML-MAR
25	Sparrow Hawk	3	LC-MAR-0
26	American Coot	75	everywhere
27	Killdeer	50	LC-ML-MR
28	Common Snipe	3	LC
29	Ring billed Gull	40	AP
30	Rock Dove	75	mostly d.t.
31	Mourning Dove	5	X-LC-0
32	Yellow shafted Flicker	5	LC-ML-0
33	Red shafted Flicker	2	ML-HL
34	Red bellied Woodpecker	2	ML-AR
35	Downy woodpecker	2	MAR-0
36	House Lark	18	LC-ML
37	Blue Jay	6	everywhere
38	Common Crow	500	everywhere
39	Black capped Chickadee	6	ML-AC-MAR
40	Tufted Titmouse	5	HR-AC
41.	Mockingbird	3	6

Sunday. March 14, 1971

42 Robin	100	everywhere
43 Eastern Bluebird	15	everywhere
44 Cedar Waxwing	3	AC
45 Loggerhead Shrike	4	LC-MAR-AR
46 Starling	1000	everywhere
47 House Sparrow	200	everywhere
48 Eastern Meadowlark	30	everywhere
49 Western Meadowlark	15	ML - 0
50 Red-wing Blackbird	5000	everywhere
51 Common Grackle	1200	everywhere
52 Brown-headed Cowbird	50	LC ML - 0
53 Cardinal	30	everywhere
54 Slate-colored Junco	18	ML - 0 - AR
55 Tree Sparrow	15	LC-MAR-0
56 House Sparrow	2	AR
57 Song Sparrow	1	ML

This was a long day but a good day birdwise. Mark Rob-bins came down and he and I spent the day birding together from 7 a.m. until about 5:30 P.M. and we were never more than about 15 miles from my home. We didn't do any walking because I wanted to cover as much ground as I could and show him as many of our birding roads and areas as I could. Naturally, with so many ducks & geese coming through, we spent most of our time at Lake Contrary, Mud Lake, Muskrat Lake, Horseshoe Lake, Downing Lake and the flooded area between Honey Creek and the Missouri River. It was just partly cloudy all day and windy. The temperatures were low about 44° high about 71°. Mark really enjoyed himself.

Monday. March 15, 1971

1 Sparrow Hawk	1	0
2 Rock Dove	3	X
3 Mourning Dove	1	bud
4 yellow-shafted Flicker	1	bud
5 Blue Jay	2	KP - X
6 Common Crow	4	KP - bud
7 Robin	40	mostly bud

8 Starling	15	everywhere
9 House Sparrow	20	everywhere
10 Red wing Blackbird	15	O.h. KP
11 Common Grackle	8	everywhere
12 Cardinal	3	X KP
13 Slate colored Junco	1	KP

Today was mostly clear, windy and real chilly. The temperatures were low about 40° high about 54°.

My only birding today was to and from work.

I was tired from my full day yesterday, I didn't have transportation at noon and I have been a bit upset ~~from~~ some worry over Pearl's mother. She fell yesterday and broke her hip. She is 78 years of age.

Tuesday March 16/1971

1 Red billed Grebe	3	A.P.
2 Snow Goose	1500	O.h. Hiway 36
3 Blue Goose	1000	O.h. Hiway 36
4 Mallard	8	*
5 Shoveller	6	alongside Hiway 36
6 Ring necked Duck	3	* - Hiway 36
7 Red breasted Merganser	2	AP
8 Turkey Vulture	1	O.h. Hiway 36
9 Red tailed Hawk	9	Hiway 36
10 Bald Eagle	3	*
11 Sparrow Hawk	10	Hiway 36
12 Bob White	1	brd
13 Killdeer	2	Hiway 36
14 Ring billed Gull	4	Kans - AP
15 Rock Dove	6	X-Hy 36
16 Mourning Dove	5	AP - Hiway 36
17 Yellow shafted Sucker	3	X - Hiway 36
18 Red Bellied Woodpecker	3	* Hiway 36
19 Red headed Woodpecker	1	*
20 Eastern Phoebe	1	*
21 Horned Lark	12	Hiway 36
22 Blue Jay	6	everywhere