

24	Robin	210	bvd - AC - X
25	Starling	125	bvd - AC - X
26	Yellow Warbler	1	X
27	House Sparrow	50	AC - X
28	Common Grackle	6	X
29	Cardinal	6	bvd - AC - X
30	Rosebreasted Grosbeak	3	Corby pond
31	American Goldfinch	2	X
32	Chipping Sparrow	4	AC

Today was clear and hot. The temperatures were low 69° high 92°. I got up at 7 a.m. After breakfast I drove to Ashland Cemetery where I took my morning walk. I then came home and Pearl + I then went to Church. I spent most of the afternoon working in our basement straightening up and then sat out most of the late afternoon + early evening.

Monday September 4, 1978

1	Great Blue Heron	4		Trimble
2	Green Heron	1		"
3	Canada Goose	130		"
4	Blue winged Teal	35		"
5	Wood Duck	3		"
6	American Kestrel	1	X	
7	Killdeer	6		"
8	Solitary Sand piper	3		"
9	Spotted Sand piper	2		"
10	Least Sand piper	1		"
11	Sora	1		"
12	Rock Dove	3	X	
13	Mourning Dove	50	Hy 169 - X	"
14	Yellow-billed Cuckoo	1		"
15	Night hawk	6	X	
16	Chimney Swift	30	X	
17	Ruby-throated ^{Humming bird} ~~Sand piper~~	2	X	"
18	Belted Kingfisher	2	Hy 169	"
19	Common Flicker	3	X	"
20	Red bellied Woodpecker	2		"

21	Red headed Wood pecker	20	ER - Hy 169 - Trimble
22	Downy wood pecker	3	X - "
23	Eastern Kingbird	8	ER - "
24	Eastern Wood Pewee	2	ER - "
25	Rough winged Swallow	500	everywhere
26	Barn Swallow	30	everywhere
27	Cliff Swallow	10	"
28	Blue Jay	10	X - ER - "
29	Common Crow	6	"
30	Black capped Chickadee	3	X "
31	White breasted Nuthatch	1	X
32	House Wren	2	X
33	Catbird	1	X
34	Brown Thrasher	1	X
35	Robin	65	X - Hy 169 - "
36	Toggerhead Shrike	2	ER - "
↑ 37	Starling	600	mostly o.h. X
38	Horned Lark	1	near Trimble
39	yellow throated Vireo	2	"
40	Warbling Vireo	1	"
41	Common yellow thro at	1	"
42	House Sparrow	60	everywhere
43	E. Meadowlark	6	Hy 169 - near Trimble
44	Red winged Blackbird	200	Trimble
45	Common Grackle	30	o.h. X
46	Brown headed Cowbird	50	~~o.h. X~~ o.h. X
47	Cardinal	12	X - ER - Trimble
48	Indigo Bunting	1	"
49	Blackcissel	2	"
50	American Goldfinch	7	X - "
51	Chipping Sparrow	1	X
52	Song Sparrow	1	"

Today was clear & hot. Temperatures were low 74° high 93°. I got up at 6:30 a.m. We left home at 7:40 a.m. heading for the Trimble Wildlife area. I took a nice hike there. we got back home at 11:30 a.m. where we stayed the rest of the day.

Tuesday September 5, 1978

1	Rock Dove	2		X
2	Mourning Dove	6		X
3	Night hawk	20		X
4	Chimney Swift	8		X
5	Common Flicker	1	bvd	
6	Least flycatcher	1		X
7	Barn Swallow	1		X
8	Blue Jay	14	bvd -	X
9	Black capped Chickadee	1		X
10	House Wren	2	bvd -	X
11	Catbird	1		X
12	Robin	28	bvd -	X
13	Starling	500	bvd - o.h.	X
14	House Sparrow	20		X
15	Northern Oriole	1		X
16	Common Grackle	50	o.h.	X
17	Brown headed Cowbird	70	o.h.	X
18	Cardinal	12	bvd -	X
19	American Goldfinch	1		X

Today was clear and hot. The temperatures were low 64° high 89°.

Wednesday, September 6, 1978

1	Rock Dove	9	o -	X
2	Mourning Dove	6	o -	X
3	Night hawk	1		X
4	Chimney Swift	15		X
5	Least flycatcher	1		X
6	Cliff Swallow	1		X
7	Blue Jay	9	bvd -	X
8	Common Crow	4		X
9	House Wren	1		X
10	Catbird	1		X
11	Brown Thrasher	1		X
12	Robin	160	bvd - o.h.	X
13	Starling	350	mostly o.h.	X
14	House Sparrow	15		X

15	Northern Oriole	1	X
16	Common Grackle	30	o.h. X
17	Brown headed Cowbird	35	o.h. X
18	Cardinal	8	bvd - X
19	American Goldfinch	1	X
20	Chipping Sparrow	1	X

Today was clear and hot. The temperatures were low 64° high 89°

Thursday September 7, 1978

1	Rock Dove	1	X
2	Mourning Dove	5	o - X
3	Nighthawk	3	o - X
4	Chimney Swift	40	o - X
5	Ruby throated Hummingbird	1	X
6	Least flycatcher	1	X
7	Eastern Wood Pewee	1	X
8	Rough winged Swallow	65	o
9	Barn Swallow	12	o
10	Blue Jay	4	bvd - X
11	Robin	75	mostly bvd - X
12	Starling	60	o.h. X
13	House Sparrow	20	o - X
14	Common Grackle	40	o.h. X
15	Cardinal	7	bvd - X
16	Chipping Sparrow	1	X

Today was clear hot and humid. The temperatures were low 67° high 96°. Tonight was our first bird picture of the new season. The air conditioning was not on at Central High School and they had trouble with one of the pictures on the Canada Goose which made it impossible to show the film so the night was pretty well messed up. We took Chad with us and because of the difficulties with the film he was nervous & restless.

Friday September 8, 1978

1	Rock Dove	1	X
2	Mourning Dove	4	X
3	Night Hawk	24	X
4	Chimney Swift	14	X
5	Ruby throated Hummingbird	1	X
6	Downy Woodpecker	1	bvd
7	Barn Swallow	3	0
8	Blue Jay	6	bvd - X
9	Robin	125	bvd - o.h.X
10	Starling	250	o.h.X
11	House Sparrow	18	0 - X
12	Common Grackle	50	o.h.X
13	Cardinal	6	bvd - X

Today was clear and hot. The temperatures were low 63° high 93°. Pearl finally got the other lens for her glasses today. Her young says that now her vision is 20/20. When she becomes used to her glasses I hope everything is fine.

Saturday, September 9, 1978

1	White Pelican	46	sq
2	Great Blue Heron	17	sq
3	Blue Goose	1	sq
4	Mallard	150	sq
5	Pintail	3	sq
6	Blue winged teal	75	sq
7	Wood Duck	3	sq
8	Turkey Vulture	8	HC
9	Red tailed Hawk	1	Hy 59
10	Marsh Hawk	1	sq
11	American Kestrel	1	Hy I 29
12	Bob White	10	sq
13	Ring necked Pheasant	6	sq
14	Sora	1	sq
15	Killdeer	20	sq
16	Lesser yellowlegs	23	sq
17	Pectoral Sandpiper	9	sq
18	Howitcher (sp)	6	sq

19	Buff breasted Sandpiper	3	SQ
20	Wilson's phalarope	1	SQ
21	Black Tern	1	SQ
22	Rock Dove	6	X - Hy 59
23	Mourning Dove	40	everywhere
24	Yellow Billed Cuckoo	2	HC - SQ
25	Nighthawk	28	X
26	Chimney Swift	15	SQ - X
27	Ruby throated Hummingbird	7	SQ - X
28	Common Flicker	4	SQ
29	Red bellied Woodpecker	3	SQ - HC
30	Red headed Woodpecker	26	SQ - HC - Hy 59
31	Downy Woodpecker	4	SQ - HC
32	Eastern Kingbird	3	SQ
33	Tree Swallow	175	SQ
34	Bank Swallow	30	SQ
35	Barn Swallow	250	SQ - Hy 59
36	Cliff Swallow	60	SQ
37	Blue Jay	12	SQ - HC - AR - X
38	Common Crow	3	AR
39	Black capped Chickadee	3	SQ X
40	House Wren	4	SQ X
41	Catbird	1	SQ
42	Brown Thrasher	3	HC
43	Robin	35	SQ - HC - X
44	Starling	175	SQ - HC - AR - X
45	House Sparrow	150	everywhere
46	Bells Vireo	3	SQ
47	Warbling Vireo	2	SQ
48	Nashville Warbler	1	HC
49	Yellow Warbler	1	SQ
50	Wilson's Warbler	2	SQ
51	Eastern Meadowlark	3	Hy 59
52	Red winged Blackbird	300	SQ
53	Common Grackle	100	SQ - X
54	Cardinal	10	SQ - HC - X
55	Rose breasted Grosbeak	1	SQ

56	Indigo Bunting	3	SG
57	Vick cissel	2	SG
58	American Goldfinch	8	HC - SG
59	Chipping Sparrow	1	X
60	Field Sparrow	1	HC

Today was clear and hot. I didn't work today. Dave and Phil worked. We got up at 7 AM., ate breakfast and then we headed for Sugar Creek, stopping at Honey Creek on the way. The best road on the area has been closed all summer & is still closed. We found the Buff breasted Sandpipers in the northwest pool and as it would have been a life bird for Les Talloway I called him when we got home. He wanted to see the bird so I went back with him and we found them again near the same place. This time we waded out to get nearer to them than I did this morning. Temperatures today low 63° high 92°

Sunday - September 10, 1978

1	White Pelican	40	SG
2	Great Blue Heron	8	SG
3	Mallard	30	SG
4	Turkey Vulture	2	HC
5	Red tailed Hawk	1	near HC
6	Killdeer	20	Corby Pond - SG
7	Lesser yellowlegs	10	SG
8	Rock Dove	3	X
9	Mourning Dove	20	everywhere
10	Night Hawk	2	X
11	Chimney Swift	30	X
12	Ruby throated Hummingbird	10	AC - SG - X
13	Common Flicker	3	AC
14	Red bellied Wood pecker	1	AC
15	Red headed Wood pecker	15	AC - SG
16	Downy Wood pecker	1	X
17	Eastern Kingbird	4	SG
18	Rough winged Swallow	2	X
19	Barn Swallow	20	SG

20	Cliff Swallow	2		X
21	Blue Jay	10	bvd -	X
22	Common Crow	1		AR
23	Black capped Chickadee	9	AC -	X
24	White breasted Nuthatch	2	AC	
25	House Wren	1		X
26	Catbird	2	AC	
27	Brown Thrasher	1		X
28	Robin	135	bvd - AC -	X
29	Cedar Waxwing	9	AC	
30	Starling	350	AR - AC -	X
31	Wilson's Warbler	1	AC	
32	House Sparrow	30	AC -	X
33	Red winged Blackbird	150	SG	
34	Northern Oriole	3	AC -	X
35	Common Grackle	60	bvd	X
36	Cardinal	10	AC - bvd -	X
37	American Goldfinch	1		X
38	Chipping Sparrow	3	AC	

Today was clear and hot but there was a nice breeze. Temperatures were low 68° high 90°. I got up at 7 a.m., ate breakfast and then drove to Ashland Cemetery where I took my walk. Then Pearl and I went to church. After lunch Pearl, Lois, Chad and I drove to Oregon, Mo. Yesterday Pearl and I saw some Army equipment there and Chad wanted to see it but it was gone when we got there. We then drove on up and through Squaw Creek & then on back home. On our way home we stopped by "East Hills Shopping Center" to see the "Clydesdale Horses". They are owned by the Budweiser Brewing Co. and were here for three days on a promotion deal by the Overton distributors of St. Joe.

Monday, September 11, 1978

1	Rock Dove	10	0 -	X
2	Mourning Dove	8	0 -	X
3	Night Hawk	20		X

4	Chimney Swift	35		X
5	Red headed Wood pecker	1		X
6	Downy Wood pecker	1		X
7	Western Kingbird	1	o.h.	X
8	Rough winged Swallow	15	o.h.	X
9	Blue Jay	8	brd -	X
10	House Wren	1		X
11	Catbird	1		X
12	Robin	300	bvd. - o.h.	X
13	Starling	300	mostly o.h.	X
14	House Sparrow	26		X
15	Common Grackle	60	o.h.	X
16	Brown headed Cowbird	85	o.h.	X
17	Cardinal	6	bvd -	X

Today was clear + warm but with a good breeze. Temperatures were low 71° high 86°. The Western Kingbird I saw flying over my home tonight is the first one seen at home. A lot of birds were seen flying over my home tonight. The Grackles, Cowbirds, Starlings and Swallows were all flying south west. The Robins and nighthawks were all flying southeast.

Tuesday, September 12, 1978

1	Rock Dove	2		X
2	Mourning Dove	5		X
3	Nighthawk	12		X
4	Chimney Swift	25		X
5	Ruby throated Hummingbird	1		X
6	Rough winged Swallow	3		X
7	Barn Swallow	2		X
8	Blue Jay	6	brd -	X
9	House Wren	1		X
10	Catbird	1		X
11	Robin	190	bvd -	X
12	Starling	300	o.h.	X
13	House Sparrow	30		X
14	Common Grackle	50	o.h.	X

15	Brown headed Cowbird	20	a.h. X
16	Cardinal	5	bvd - X
17	American Goldfinch	1	X
18	Chipping Sparrow	1	X

Today was partly cloudy, hot & humid. Temperatures were low 76° high 91°. We have had rain forecast now for three or four days but we haven't had any yet. The ground now is terribly dry.

Wednesday September 13, 1978

1	Ducks (sp)	9	a.h. X
2	Hawk (sp) Buteo	1	0
3	Killdeer	1	0
4	Rock Dove	2	0
5	Mourning Dove	6	X - 0
6	Night hawk	60	X
7	Chimney Swift	40	X
8	Red headed Woodpecker	2	0
9	Rough winged Swallow	50	X - 0
10	Barn Swallow	6	0
11	Blue Jay	6	X - bvd
12	Common Crow	7	X
13	Catbird	2	X
14	Robin	150	a.h. X - bvd
15	Sterling	400	a.h. X
16	House Sparrow	20	X
17	Western Meadowlark	1	0
18	Cardinal	4	X - bvd

Today was cloudy all day with a pretty good rain. In my rain gauge at home I had 1.25 inches of rain. Temperatures were low 72° high 83°. It is still hot and very humid but maybe things may start moving through. The ducks might indicate that. We have a severe thunderstorm watch for tonight. The forecast is for cooler weather to move in.

Thursday, September 14, 1978

1	Duck (Sp)	1		o.h. X
2	Falcon (Sp) Kestrel or Merlin	1		o.h. X
3	Rock Dove	15	0 -	X
4	Mourning Dove	6		X
5	Yellow billed Cuckoo	1		X
6	Nighthawk	190		X
7	Chimney Swift	50		X
8	Rough winged Swallow	50	0	
9	Barn Swallow	6	0	
10	Blue Jay	7	brd -	X
11	Black capped Chickadee	1		X
12	House Wren	1		X
13	Robin	250	brd - o.h.	X
14	Starling	750		o.h. X
15	House Sparrow	20		X
16	Common Grackle	6		o.h. X
17	Blackbirds (Redwing or Cowbird)	100	high o.h.	X
18	Cardinal	6	brd -	X

Today was clear & nice. The temperatures were low 64° high 89°. I spend most of my evenings at home sitting out in our back yard. I guess birds are beginning to move some. About the time we get some cold weather up north, we will see more. The duck and Falcon I couldn't see close enough to be sure. The Falcon was an immature bird as I could tell it had a streaked breast.

Friday, September 15, 1978

1	Rock Dove	4	0 -	X
2	Mourning Dove	8		X
3	Nighthawk	200	o.h.	X
4	Chimney Swift	60		X
5	Ruby throated Hummingbird	1		X
6	Red-headed Woodpecker	1		X
7	Rough winged Swallow	5		X
8	(Epidonax) Flycatcher	1		X
9	Blue Jay	6	brd -	X
10	Common Crow	7		X
11	House Wren	1		X

12	Brown Thrasher	2	bvd - X
13	Robin	100	bvd - o.h. X
14	Starling	600	o.h. X
15	House Sparrow	30	X
16	Common Grackle	4	X
17	Cardinal	5	bvd - X

Today was partly cloudy, warm & humid. The temperatures were low 62° high 86° . I'll certainly be glad when it cools off. We had another half inch of rain this morning.

Saturday, September 16, 1978

1	Red tailed Hawk	1	o.h. X
2	Broadwinged Hawk	1	o.h. X
3	American Kestrel	1	AR
4	Killdeer	1	AR
5	Rock Dove	8	o - X
6	Mourning Dove	10	o - X
7	Night Hawk	25	o.h. X
8	Chimney Swift	25	o.h. X
9	Ruby throated Hummingbird	1	X
10	Downy woodpecker	1	X
11	Rough winged Swallow	15	o
12	Barn Swallow	6	o
13	Blue Jay	7	bvd - X
14	Black capped Chickadee	1	X
15	Catbird	1	X
16	Brown Thrasher	1	X
17	Robin	15	bvd X
18	Starling	25	bvd - X
19	House Sparrow	10	X
20	Cardinal	3	bvd - X

Today was clear, hot & humid until late afternoon when we had a real thunder storm with quite a bit of hail. Temperatures today were low 63° high 92° . This was my day off but we had so much work to do at the wholesale I went out to help Tim. It's a good thing because we were really busy. We didn't get off until 11:30 a.m.

Sunday, September 17, 1978

1	Mourning Dove	1	X
2	Chimney Swift	4	X
3	Common Flicker	1	X
4	Blue Jay	3	bvd
5	Tufted Titmouse	1	bvd
6	Robin	10	X - bvd
7	Starling	3	bvd
8	House Sparrow	4	X
9	Common Grackle	1	bvd
10	Cardinal	2	bvd

Today started out clear and nice but along about 10 a.m. it clouded up and we have been having thunder storms and showers through the balance of the day and evening. Right now at 8:20 P.M. I have 3.3 inches of rain in my rain gauge here at home. There are warnings on the radio for our county and surrounding counties. There is a Tornado Watch, Thunder storm warning and a flash flood warning. Pearl has made three trips about two blocks north of here where it will show first if Blacksake Creek floods. That is ~~what~~ what ruined us in May of 1958. We had our open house at the wholesale today. I went to work this morning at 8:45 A.M. & finally quit this evening at 5 P.M. Pearl and Lois both came out and helped us. Pearl helped Dave's wife in the kitchen and Lois helped me by billing orders as I called off the items. Temperatures today were low 63° high 82°

Monday, September 18, 1978

1	Killdeer	3	0
2	Rock Dove	10	0
3	Mourning Dove	8	X - 0
4	Night hawk	8	X
5	Chimney Swift	20	X
6	Ruby Throated Hummingbird	1	X
7	Rough winged Swallow	5	X - 0
8	Barn Swallow	3	X

9	Cliff Swallow	2		X
10	Blue Jay	5	brd -	X
11	Common Crow	6		X
12	Black capped Chickadee	1		X
13	Catbird	1		X
14	Brown Thrasher	1		X
15	Robin	40	brd -	X
16	Starling	350	mostly o.h.	X
17	House Sparrow	20		X
18	Common Grackle	6	o.h.	X
19	Brown headed Cowbird	8	o.h.	X
20	Cardinal	6	brd -	X

Today was clear, pretty warm and humid. Temperatures today were low 69° high 89°. I checked my rain gauge this morning and since it first started raining yesterday through the evening and night I had 4.8 inches of rain in the gauge.

Tuesday September 19, 1978

1	Bluebird (Sp)	19	o.h.	X
2	Hawk (Sp) Looked like a sharpshin	1	o.h.	X
3	Rock Dove	3		X
4	Mourning Dove	6		X
5	Nighthawk	1	o.h. brd	
6	Chimney Swift	30		X
7	Common Flicker	1		X
8	Red headed Wood pecker	1	brd	
9	Downy Wood pecker	1	brd	
10	Swallow (Sp) I think roughwing	10	o.h.	X
11	Barn Swallow	2	o.h.	X
12	Blue Jay	6	brd -	X
13	Common Crow	2	o.h.	X
14	Black capped Chickadee	1		X
15	Catbird	1		X
16	~~Brown Thrasher~~ Wilson's Warbler	1		X
17	Robin	125		X
18	Starling	300		X

19	House Sparrow	24	X
20	Common Grackle	18	o.h. X
21	Brown headed Cowbird	26	o.h. X
22	Cardinal	6	bvd - X
23	Chipping Sparrow	3	X

Today was partly cloudy, hot and humid. The temperatures were low 63° high 88°. Now this evening it has clouded up and is raining again. Our forecast is for thunderstorms and a threat of flash flooding again.

Wednesday, September 20, 1978

1	Pied billed Grebe	1	LC
2	Great Blue Heron	2	LC
3	American Coot	1	LC
4	Ring billed Gull	2	LC
5	Caspian Tern	1	LC
6	Rock Dove	18	d.t.
7	Mourning Dove	12	bvd - o. - LC
8	Night Hawk	3	X
9	Chimney Swift	30	LC - X
10	Rough winged Swallow	500	LC
11	Barn Swallow	350	LC
12	Blue Jay	6	bvd - X
13	House Wren	1	X
14	Catbird	1	X
15	Robin	10	bvd - X
16	Loggerhead Shrike	1	LC
17	Sterling	200	LC - bvd. - o.h. X
18	House Sparrow	35	X - LC
19	Redwing Blackbird	185	LC
20	Common Grackle	7	X
21	Brown headed Cowbird	75	o.h. X - LC
22	Cardinal	6	LC - X - bvd

Today was cloudy, damp & chilly with some rain. The rain gauge tonight had 2 inches in it from last night and today. Temperatures today were low 56° high 63°. I took a quick trip to Lake Contrary and back this evening.

Thursday, September 21, 1978

1	Pied billed Grebe	20	LC - MRL
2	Great blue Heron	6	LC - MRL - HL
3	Blue winged Teal	4	LC
4	American Wigeon	1	MRL
5	American Coot	1	HL
6	Killdeer	2	ML
7	Lesser yellowlegs	2	ML
8	Rock Dove	125	d.t. - ML
9	Mourning Dove	25	everywhere
10	Chimney Swift	18	mostly X
11	Ruby throated Hummingbird	1	X
12	Belted Kingfisher	1	LC
13	Red headed Wood pecker	4	BW
14	Downy Wood pecker	1	LC
15	Eastern Kingbird	1	ML
16	Rough winged Swallow	6	LC - BW - HL
17	Barn Swallow	300	LC - HL - BW
18	Blue Jay	8	X - bud - LC
19	Black capped Chickadee	2	X
20	House Wren	1	X
21	Robin	90	bud X
22	Loggerhead Shrike	3	LC - HL - BW
23	Starling	1000	mostly LC area
24	Solitary Vireo	1	X
25	House Sparrow	60	everywhere
26	Red winged Blackbird	15	LC - South of town
27	Common Grackle	18	X
28	Brown headed Cowbird	35	BW
29	Cardinal	6	X BW - bud
30	Chipping Sparrow	1	X - ~~LC~~
31	Red tailed Hawk	1	HL
32	American Kestrel	1	ML

Today was clear & cool all day. The temperatures were low 51° high 66°. I worked until noon. Because I work this Saturday coming I got the afternoon off. Pearl & I took a ride to Lake Contrary, Mud Lake, Maskerat Lake, Horseshoe Lake & Bluff Woods. We got home about 4 P.M. I saw 100 or more Monarch Butterflies flying over.

Friday, September 22, 1978

1	American Kestrel	1	0
2	Rock Dove	12	X - 0
3	Mourning Dove	15	X - 0
4	Chimney Swift	8	X
5	Ruby Throated Hummingbird	1	X
6	Common Flicker	3	brd
7	Red-headed Woodpecker	1	0
8	Barn Swallow	5	0
9	Blue Jay	4	X - brd
10	Common Crow	4	0
11	House Wren	1	X
12	Robin	40	X - brd
13	Starling	60	X - 0
14	House Sparrow	60	X - 0
15	Common Grackle	12	o.k. X
16	Cardinal	3	X - brd

Today was clear, cool and nice. The temperatures were low 44° high 69°

Saturday, September 23, 1978

1	Pied-billed Grebe	1	50
2	White Pelican	4	50
3	Double-crested Cormorant	3	50
4	Great Blue Heron	5	50
5	Snow Goose	6	50
6	Snow (blue) Goose	3	50
7	Mallard	6 + ?	50
8	Ringtail	300 + ?	50
9	Blue-winged Teal	300 + ?	50
10	American Wigeon	20 + ?	50
11	Shoveler	8 + ?	50
12	Turkey Vulture	4	near HC.
13	Sharp-shinned Hawk	1	Hy. I 29
14	Red-tailed Hawk	1	Hy. I 29
15	American Coot	60	50
16	Ring-necked Pheasant	1	50
17	Killdeer	6	50

at least
1000 or
more ducks

18	Rock Dove	6	X - AC
19	~~Rock Dove~~ R. T. Hummingbird	2	X
20	Mourning Dove	30	X - everywhere
21	Yellow Billed Cuckoo	1	AC
22	Night hawk	25	X - AC
23	Chimney Swift	20	X - AC
24	Common Flicker	15	mostly AC
25	Red bellied Woodpecker	1	AC
26	Red headed Woodpecker	1	AC
27	Downy Woodpecker	4	SG - AC
28	Tree ~~Sparrow~~ Swallow	3000	SG #
29	Barn Swallow	1800	SG
30	Blue Jay	28	X - HC - SG - AC
31	Common Crow	4	X
32	Black capped Chickadee	3	HC - AC
33	White breasted Nuthatch	1	AC
34	House Wren	1	X
35	Catbird	1	SG
36	Robin	350	o.h.X - AC
37	Loggerhead Shrike	1	near SG
38	Starling	300	everywhere
39	Red eyed Vireo	1	AC
40	Nashville Warbler	1	AC
41	House Sparrow	100	everywhere
42	Eastern Meadowlark	1	0
43	Red winged Blackbird	500	SG
44	Common Grackle	125	mostly o.h.X
45	Brown headed Cowbird	40	mostly o.h.X
46	Cardinal	6	HC - SG - X - AC
47	American Goldfinch	5	SG

Today was clear and nice. The temperatures were low 53° high 77°. I worked until 10 a.m. this morning with Phil Montemayor. When I got home from work Pearl + I headed for Squaw Creek. I was really disappointed there at the lack of birds. Of course a good part of the area is still closed off - we got home at 3 p.m. Later in the afternoon we drove to Ashland Cemetery. During

the course of the day I saw what amounted to several hundred monarch butterflies, probably thousands. Then this evening something dawned on me that I should have realized years ago. After seeing hundreds of robins in the cemetery this evening I finally realized that they are the same ones that I see going over my home in late afternoon and early evening. Around mid day there are very few robins in the cemetery but early evening and early morning this time of the year there are hundreds. When I was there late this afternoon I could see many more moving in. While in the air they were coming from the direction of my home. When I see them going over my home in the evening they are headed in the general direction of the Cemetery. There are many evergreen trees there is no doubt the move in there to roost for the night.

Sunday, September 24/1978

1	Pied billed Grebe	21	MRL - LC
2	Double crested Cormorant	4	HL - LC
3	Great Blue Heron	1	MRL
4	American Coot	1	LC
5	Killdeer	4	HL - LC
6	Rock Dove	30	d. E - ML
7	Mourning Dove	12	X
8	Yellow billed Cuckoo	1	LC
9	Night hawk	2	AC - X
10	Chimney Swift	30	X
11	Ruby throated Hummingbird	1	X
12	Common Flicker	8	AC
13	Downy Wood pecker	3	AC
14	Tree Swallow	800	LC - ML - HL
15	Barn Swallow	2500	LC - ML - HL
16	Blue Jay	15	AC - LC - X
17	Black capped Chickadee	3	AC
18	Catbird	1	AC
19	Brown Thrasher	2	AC
20	Robin	300	X - mostly AC

21	Starling	150	everywhere
22	Solitary Vireo	1	AC
23	Red-eyed Vireo	1	AC
24	Nashville Warbler	2	AC
25	House Sparrow	40	everywhere
26	Red wing	1	LC
27	Common Grackle	15	AC
28	Brownheaded Cowbird	1	near M L
29	Cardinal	8	X - AC
30	Rosebreasted Grosbeak	1	AC
31	Chickadee	2	near M L
32	Chipping Sparrow	8	AC

Today was clear and getting pretty warm again. Temperatures were low 53° high 83°. I got up at 7 AM. After breakfast I drove to Ashland Cemetery where I took my walk. Pearl and I then went to Church. We ate our dinner at Lois' house. Then this afternoon we took a drive down to Lake Contrary, Muskrat Lake, Horseshoe Lake and Mud Lake. Leo Galoway had seen a **Cattle Egret** near Mud Lake yesterday. I hoped it would be there today but no.

Monday September 25, 1978

1	American Kestrel	1	0
2	Rock Dove	10	d. b. - 0
3	Mourning Dove	5	X - 0
4	Night hawk	1	X
5	Chimney Swift	20	X
6	Common Nicker	1	X
7	Hairy Wood pecker	1	X
8	Blue Jay	6	bvd - X
9	Black capped Chickadee	2	X
10	Brown Thrasher	1	X
11	Robin	15	X - bvd
12	Starling	60	X - 0
13	House Sparrow	20	X
14	~~Brown Thrasher~~ Grackle	8	X
15	Cardinal	4	X - bvd
16	Chipping Sparrow	1	X

Today was clear & pleasant. Really a beautiful day. The temperatures were low 58° high 76°.

Tuesday September 26, 1978

1	Sharpshinned Hawk	1	o.h. X
2	Marsh Hawk	1	o.h. X
3	Killdeer	2	0
4	Mourning Dove	7	X
5	Night hawk	3	o.h. X
6	Chimney Swift	40	o.h. X
7	Ruby Throated Hummingbird	1	X
8	Blue Jay	4	bvd - X
9	Robin	60	mostly o.h. X
10	Cedar Waxwing	24	o.h. X
11	Starling	250	o.h. X
12	House Sparrow	20	X
13	Common Grackle	14	o.h. X
14	Brown headed Cowbird	28	o.h. X
15	Cardinal	2	X

Today was clear and nice. The temperatures were low 49° high 80°. It was a beautiful day.

Wednesday September 27, 1978

1	American Kestrel	1	X
2	Killdeer	2	0
3	Rock Dove	12	0 - X
4	Mourning Dove	5	X
5	Night hawk	4	o.h. X
6	Chimney Swift	30	o.h. X
7	Ruby Throated Hummingbird	1	X
8	Blue Jay	4	bvd - X
9	Black capped Chickadee	1	X
10	Robin	40	o.h. X
11	Cedar Waxwing	16	o.h. X
12	Starling	275	o.h. X
13	House Sparrow	18	X
14	Eastern Meadowlark	3	0

15	Common Grackle	16	o.h. X
16	Cardinal	2	X
17	Chipping Sparrow	1	X

Today was ~~the~~ clear, cool & real nice. Temperatures were low low 56° high 75°. We spent quite a little time this evening getting ready to go to Lake Ozark State Park Friday A.M. for our Audubon meeting.

Thurs day, September 28, 1978

1	Rock Dove	1	X
2	Mourning Dove	3	X
3	Night hawk	2	X
4	Chimney Swift	20	X
5	Common Flicker	1	X
6	Hairy Woodpecker	1	X
7	Blue Jay	4	X
8	Robin	50	X
9	Ruby crowned Kinglet	1	X
10	Starling	75	X
11	House Sparrow	10	X
12	Eastern Meadowlark	2	0
13	Common Grackle	12	X
14	Cardinal	2	X

Today was clear and nice. The temperatures were low high. I spent this evening washing the car & cleaning it inside and then loading it up as we hope to get away tomorrow morning about 5 A.M. The forecast is for nice weather through the week end.

Friday, September 29, 1978

1	Great Blue Heron	3	L. oz
2	Turkey Vulture	6	L. oz
3	Osprey	2	L. oz
4	Merlin	1	1/4 5
5	American Kestrel	2	1/4 5
6	Rock Dove	1	1/4 5
7	Mourning Dove	30	all along the way

8	yellow-billed Cuckoo	3	L. 02
9	Chimney Swift	2	Hy 5
10	Common Flicker	12	L. 02
11	Red-bellied Woodpecker	1	L. 02
12	Red-headed Woodpecker	35	L. 02
13	Hairy Woodpecker	1	L. 02
14	Downy Woodpecker	2	L. 02
15	Barn Swallow	4	Hy 5
16	Blue Jay	500 est	mostly L. 02
17	Common Crow	3	L. 02
18	Tufted Titmouse	4	L. 02
19	White-breasted Nuthatch	4	L. 02
20	Cedar Waxwing	20	L. 02
21	~~Starling~~ ^{green} Starling	350	all along the way
22	Black-throated Warbler	2	L. 02
23	House Sparrow	300	all highways
24	Eastern Meadowlark	3	Hy 5
25	Common Grackle	6	Hy 5
26	Cardinal	3	L. 02
27	American Goldfinch	2	L. 02
28	Rufous-sided Towhee	1	L. 02

Today was clear and hot. It was a day I will remember for quite some time. We got up at home at 4 A.M., ate breakfast and then at 5 A.M. we headed for Lake of the Ozarks State Park near Bagnell Dam. We made pretty decent time arriving at our camp (Camp Rising Sun) at 10 A.M. Everything went good until shortly after entering the park. I hit something that at first I thought was a rock. In my rear view mirror I thought that I might have lost something as it made a metallic clang as it scooted across the road. I stopped & went back. It was an old horse shoe that was bent completely double. When I went back to get in the car I saw I had a flat tire on the left rear. I changed tires & then drove on to camp. No one was there yet and the gates were locked so we pulled off to one side and ate our lunch. After lunch we sat there about an hour or so and then drove over to one of my favorite

birding spots on the way to Pin Oak Camp. Pearl & I walked about half a mile down through an open field to the lake. Birds were scarce. We then drove back to our camp but the gate was still locked. All this time was worrying about what would happen if I had another flat with no spare so I drove back to the main highway & stopped at a Phillip Gas Station. The fellow there said that he would fix it but couldn't get to it right away. He told me to leave it and come back in a couple hours and he would have it fixed. That made me happy. We then drove back to camp. The gate was still locked and it was after 2 P.M. then. We waited around and then decided to go to the Park Office & see why no one was there and the gates were locked. The horrible thought came to my mind that that maybe I had read wrong and that the meeting was next week. After arriving at the office the lady there told us that the meeting is this week end but the party who was to sign us in wouldn't be there until 5 P.M. and that then the gates would be open. We then drove around until the two hours were gone and then I went back to the gas station. The attendant had been real busy and hadn't fixed my tire yet so he told me to wait & he would fix it right away. He hadn't much more than started on it when he called me & said that it couldn't be fixed. He then showed me a gash about two inches long completely through it. It was between the treads is why I had missed it. They had lots of tires but now the size for my car. He checked around & finally told me that Nelsy Tires Inc. in Camdenton, Mo. would probably have one. I drove there about 15 miles away and after waiting until he could get to me he fixed me up with a new tire. The total cost was \$27²⁸. I felt I was lucky to get one at all especially at that price.

We then drove back to camp and finally got in. Our treasurer Katherine Wade and her husband Sidney Wade was there. It had been so hot today and we were dirty so the first thing we did was change clothes and wash up.

We then ate supper of some things we had taken with us. after eating we walked down to the lake for awhile. Leo and Ruth Galloway came in about 7 P.M. they took the same cabin ~~that~~ that we are in. It will accomodate about 24 people. We saw Chick + Mitzie Anderson a little later. Gradually we built up to about 30 people during the evening. Earl + Ruth Galloway turned in about 9:30 P.M. but Leo + I stayed up + talked to other people untill about 11:30 P.M. Temperatures today low 47° high 75°

It was just 233 miles from home to our camp. Our expenses amounted to: \$6³⁷ cash for gas, \$27²⁸ for new tire, \$38⁰⁰ registration for lodging + four meals, \$6⁰⁰ for extra meal which was Saturday A.M. Breakfast. Total \$77⁴⁵. Our mileage was 233 miles down, 240 miles coming home and 77 miles around the park area for a total of 550 Miles

Saturday, September 30, 1978

1	Great Blue Heron	3	L. Or
2	Night Heron (Sp) (heard)	1	L. Or
3	Turkey Vulture	6	L. Or
4	Coopers Hawk	2	L. Or
5	Osprey	1	L. Or
6	Ring Billed gull	10	L. Or
7	Yellow billed Cuckoo	1	L. Or
8	Common Flicker	12	L. Or
9	Red bellied Wood pecker	2	L. Or
10	Red headed Wood pecker	50	L. Or
11	Downy Wood pecker	2	L. Or
12	Blue Jay	1200	L. Or
13	Common Crow	6	L. Or
14	^{Carolina} ~~Blue~~ Chickadee	4	L. Or
15	Tufted Titmouse	2	L. Or
16	White breasted Nuthatch	2	L. Or
17	Robin	2	L. Or
18	Ruby crowned Kinglet	1	L. Or
19	Cedar Waxwing	15	L. Or
20	~~Starling~~ Solitary Vireo	1	L. Or

21	Common yellowthroat	1	L. Oz
22	Summer Tanager	1	L. Oz
23	Cardinal	2	L. Oz
24	Rufous sided Towhee	3	L. Oz
25	Field Sparrow	2	L. Oz

Today was cool and pleasant after some heavy showers between midnight and 4 A.M. It was pleasant all day. I am dissatisfied with my birding. Nick Anderson saw four Merlin today flying over a peninsula of the land along the lake. I got only about four hours of sleep last night. Mark Robb is down now. Temperatures low 55° high 78°

Sunday, October 1, 1978

1	Great Blue Heron	2	L. Oz
2	Canada Goose	20	near Trimble
3	Turkey Vulture	3	L. Oz
4	Osprey	2	L. Oz
5	Marsh Hawk	1	Smithville Lake
6	American Kestrel	2	near L. Oz
7	Rock Dove	6	near KC
8	Mourning Dove	7	Hy 5
9	Black-billed Cuckoo	1	L. Oz
10	Great Horned Owl (heard)	1	L. Oz
11	Common Flicker	7	L. Oz
12	Pileated Woodpecker (heard)	2	L. Oz
13	Red-bellied Woodpecker	2	L. Oz
14	Red-headed Woodpecker	60	L. Oz
15	Yellow-bellied Sapsucker	1	L. Oz
16	Hairy Woodpecker	1	L. Oz
17	Downy Woodpecker	3	L. Oz
18	Eastern Kingbird	1	L. Oz
19	Blue Jay	650	mostly L. Oz
20	Common Crow	6	L. Oz
21	Carolina Chickadee	5	L. Oz
22	Tufted Titmouse	2	L. Oz
23	White-breasted Nuthatch	4	L. Oz
24	Cedar-waxwing	12	L. Oz
25	Starling	60	on way home

30 chimney Swift - - - - - 6 - - - - - X

26 House Sparrow	100	roads on way home
27 E. Meadowlark	2	Hy 5
28 Common Grackle	20	on way home
29 Summer Tanager	2	L.Oz

Today was clear & nice. The sun itself was rather warm. Temperatures were low 45° high 75°. We were up early, had breakfast and then I spent the rest of the morning just birding around the camp area and down by the lake. We ate lunch at 12 Noon and then at 1:15 P.M. ~~the~~ we left camp and headed home. On the way home we stopped by Smithville Dam to see if they are holding back any water yet but they are not. We got home at 6:30 P.M. Lois was here and fixed our supper for us.

Monday, October 2, 1978

1 Rock Dove	3	0 - X
2 Mourning Dove	1	0
3 Night Hawk	1	0
4 Chimney Swift	30	d. t.
5 Common Flicker	1	Nw. bud
6 Blue Jay	8	X - bud
7 Black capped Chickadee	1	bud
8 Robin	4	bud
9 Starling	45	0 - o.k. X
10 House Sparrow	6	0 - X
11 Eastern Meadowlark	1	0
12 Western Meadowlark	2	0

Today was clear & nice. A bit warm. The temperatures were low 58° high 76°. I didn't get as tired out today as I thought I would but I have a cold which makes me feel miserable. Pearl went to her eye doctor this evening for a check up. She doesn't go back again now until January. I have a double Hernia which is bothering me. I have had them for a long time. I am seriously thinking now of having them taken care of before I leave Stuppys ten months from now.

Tuesday, October 3, 1978

New life bird

1	Pied billed Grebe	6	SG
2	White Pelican	125	SG
3	Double Crested Cormorant	8	SG
4	Little Blue Heron	3	SG
5	Gadwall	60	SG
6	American Wigeon	50	SG
7	American Coot	125	SG
8	American Avocet	5	SG
9	Ring billed Gull	1	SG
10	Franklin's Gull	60	SG
11	<u>Sabines Gull</u>	1	SG
12	Rock Dove	10	0
13	Mourning Dove	3	X
14	Chimney Swift	12	0
15	Killdeer	1	0
16	Barn Swallow	6	bvd - X
17	Blue Jay	6	bvd - X
18	Robin	5	X
19	Ruby crowned Kinglet	1	- X
20	Starling	35	0 - X
21	House Sparrow	10	X
22	Eastern Meadowlark	1	0
23	Red winged Blackbird	150	SG
24	Common Grackle	10	X
25	Chipping Sparrow	1	X

Today was clear & cool all day. Temperatures were low ^{49°} high ^{68°}. I felt terribly all day today from my cold. We had eaten supper and I was watching news on television when Mark Robbins called from Squaw Creek. He had seen a Sabines Gull there. It was 6:23 when I left home (also Pearl). I made it there in 36 minutes. The sun had just gone down and it would get dark fast. I drove out onto Pintail Point where the sign says foot travel only. It is 3/4 of a mile. Mark was there by himself. Dave Easterla passed me on the refuge road & Tim Barksdale came in behind me. We were all very happy as we saw the Sabines Gull. Pearl also saw it.

October 4, 1978. Wednesday

1	American Kestrel	1	d.t.
2	Rock Dove	7	0
3	Chimney Swift	20	X
4	Common Flicker	2	X
5	Blue Jay	4	bvd - X
6	Robin	20	bvd - X
7	Starling	15	bvd - X
8	House Sparrow	6	X
9	Eastern Meadowlark	1	0
10	Common Grackle	6	bvd

Today was partly cloudy. The temperatures today were low 42° high 78°.

Thursday. October 5, 1978

1	Pied billed Grebe	10	LC
2	Blue winged Teal	8	LC
3	American Wigeon	1	LC
4	American Kestrel	1	0
5	American Coot	2	LC
6	Rock Dove	12	0
7	Mourning Dove	8	X - 0
8	Chimney Swift	30	X
9	Tree Swallow	250	LC
10	Rough winged Swallow	30	LC
11	Barn Swallow	40	LC
12	American Robin	20	o.h. X
13	Starling	35	X - 0 - LC
14	House Sparrow	18	X - LC
15	Eastern Meadowlark	2	0
16	Red winged Blackbird	40	LC
17	Common Grackle	6	bvd - LC

Today was mostly cloudy. The temperatures were low 45° high 60°. We had a light shower this afternoon. I am looking forward to this ~~afternoon~~ weekend. I just hope we do not have rain as I want to go to Squaw Creek on at least one day.

Friday, October 6, 1978

1	Rock Dove	5	0
2	Chimney Swift	6	X
3	Blue Jay	1	X
4	Common Crow	2	X
5	Robin	20	o.k. X
6	Starling	6	o - X
7	House Sparrow	3	o - X
8	Eastern Meadowlark	5	0
9	Common Grackle	1	o.k. X

Today was clear, a bit windy and chilly. Temperatures were low 41° high 60°.

Saturday October 7, 1978

1	Pied billed Grebe	30	SQ
2	White Pelican	12	SQ
3	Great blue heron	4	SQ
4	Least Bittern	1	SQ
5	Canada Goose	600	SQ
6	Snow Goose	} 18,000	SQ
7	Snow (blue) Goose		SQ
8	Mallard	75	SQ
9	Gadwall	60	SQ
10	Pintail	500	SQ
11	Green winged Teal	50	SQ
12	Blue winged Teal	500	SQ
13	American Wigeon	130	SQ
14	Shoveller	40	SQ
15	Wood Duck	4	SQ
16	Ruddy Duck	12	SQ
17	Turkey Vulture	3	o.k. X
18	Sharp shinned Hawk	1	SQ
19	Redtailed Hawk	2	near SQ
20	Marsh hawk	1	SQ
21	American Kestrel	1	near HC
22	Ring necked pheasant	12	SQ
23	American Coot	1500	SQ
24	Killdeer	7	SQ

25	American Golden Plover	20	SQ
26	Common Snipe	3	SQ
27	Lesser yellowlegs	1	SQ
28	Caspian Tern	2	SQ
29	Rock Dove	2	X
30	Mourning Dove	20	X - Hy, I 29 - SQ
31	Nighthawk	3	o.h. X
32	Chimney Swift	35	X
33	Common Flicker	8	AC - SQ
34	Red bellied Woodpecker	2	SQ
35	Red headed Woodpecker	1	SQ
36	Downy Woodpecker	2	SQ
37	Tree Swallow	2500	SQ
38	Barn Swallow	1200	SQ
39	Cliff Swallow	6	SQ
40	Blue Jay	40	everywhere
41	Common Crow	10	Hy I 29 - SQ
42	Black capped Chickadee	4	AC - SQ
43	White breasted Nuthatch	1	near HC
44	Catbird	1	X
45	Robin	75	mostly o.h. X
46	Cedar Waxwing	10	AC
47	Starling	150	everywhere
48	Orange crowned Warbler	1	SQ
49	Common Yellowthroat	2	SQ
50	House Sparrow	100	everywhere
51	Eastern Meadowlark	6	AR Hy I 29
52	Red wing Blackbird	300	SQ
53	Common Grackle	20	X - AC - SQ
54	Cardinal	5	AC - SQ
55	Indigo Bunting	2	SQ
56	Dickcissel	2	SQ
57	American Goldfinch	1	SQ
58	Swamp Sparrow	30	SQ
59	Song Sparrow	18	SQ
60	yellow rumped Warbler	3	SQ

Today was a beautiful day. It was clear, very cool this

morning and pleasant all day long. I didn't work today. We had a good frost this at home this morning and we had ice on our bird bath. I got up at 6:15 a.m. we ate breakfast and then at 7:30 a.m. Pearl & I took off + headed for Squaw Creek. We birded there until about 2:30 P.M. It was really nice there. More of the area is open now but still not all of it. I drove out to Ashland Cemetery later this afternoon. Temperatures today were low 34° high 62°

Sunday, October 8, 1978

1	Red billed Grebe	14	LC
2	Great Blue Heron	1	LC
3	Green winged Teal	1	MRL
4	Blue winged Teal	5	LC
5	Shoveller	3	LC
6	Sharp shinned Hawk	1	AC
7	Red tailed hawk	2	near LC
8	American Kestrel	1	X
9	Ring necked Pheasant	1	near LC
10	American Coot	10	LC
11	Killdeer	1	MRL
12	Greater Yellowlegs	1	MRL
13	Rock Dove	40	d.t. - M L
14	Mourning Dove	4	X - AC - HL
15	Chimney Swift	25	X
16	Common Flicker	8	AC
17	Red bellied Wood pecker	1	AC
18	Barn Swallow	200	mostly LC
19	Rough winged Swallow	3	LC
20	Blue Jay	20	every where
21	Common Crow	4	AC
22	Black capped Chickadee	6	X - AC
23	White breasted Nuthatch	1	AC
24	Red breasted Nuthatch	3	AC
25	Robin	300	mostly AC
26	Cedar Waiwing	20	AC

27	Starling	150	everywhere
28	Nashville Warbler	1	AC
29	House Sparrow	75	mostly X
30	Redwinged Blackbird	60	AC - LC
31	Common Grackle	18	AC - X
32	Cardinal	3	AC BW
33	Savannah Sparrow	1	near LC
34	Chipping Sparrow	3	AC
35	Swamp Sparrow	1	LC

Today was clear and nice. It was chilly this morning but just the way I like it. Temperatures today were low 42° high 76°. I took my early morning walk through Ashland Cemetery then Pearl and I went to Church. We ate lunch at Lois' house and then Pearl & I took a short drive down around the lakes and through Bluff Woods. There wasn't very much stirring.

Monday, October 9, 1978

1	American Kestrel	1	X
2	Rock Dove	1	X
3	Mourning Dove	2	X
4	Chimney Swift	40	X
5	Red bellied woodpecker	1	X
6	Blue Jay	3	brd - X
7	Robin	3	brd
8	Starling	30	X
9	House Sparrow	15	X
10	Eastern Meadowlark	3	0
11	Common Grackle	13	0

Today was cloudy, damp & chilly with some rain. The temperatures were low 56° high 64°.

Tuesday, October 10, 1978

1	Rock Dove	6	X - 0
2	Chimney Swift	30	o.h. X
3	Blue Jay	3	X - brd
4	Black capped Chickadee	3	X

5	Catbird	1	X
6	Robin	10	o.h. X
7	Cedar Waxwing	11	o.h. X
8	Starling	40	o.h. X
9	House Sparrow	18	X
10	Eastern Meadowlark	1	o
11	Cardinal	2	X

Today was mostly cloudy but nice. The temperatures were low 49° high 66°, This evening Larry, Chad and I went to the ~~Public~~ Robidoux School to a Community Education Program. It was entitled "The Fascinating World of Snakes". It was presented by Richard Nolf. He did a good job in presenting it. He had two snakes that he used, a bull snake about 6 feet long and a fox snake. There were about 40 people there of men, women and children. Rich took the snakes around to each person in the room and everyone held at least one of the snakes. Even Chad held each of the snakes.

Wednesday, October 11, 1978

1	Rock Dove	6	o - X
2	Mourning Dove	3	o.h. X
3	Nighthawk	2	o.h. X
4	Chimney Swift	40	o.h. X
5	Common Flicker	1	X
6	Blue Jay	7	o.h. - X
7	Black capped Chickadee	2	X
8	Robin	50	o.h. X
9	Starling	75	X
10	Nashville warbler	1	X
11	Yellow rumped Warbler	1	X
12	House Sparrow	25	o
13	Eastern Meadowlark	1	X
14	Cardinal	1	X
15	Chipping Sparrow	1	X

Today was partly cloudy & balmy. The temperatures were low 44° high 75°.

Thursday, October 12, 1978

1	Pied billed Grebe	6	SQ
2	White Pelican	30	SQ
3	Double crested Cormorant	1	SQ
4	Great Blue Heron	4	SQ
5	Black crowned Night Heron	2	SQ
6	Canada Goose	160	SQ
7	Snow Goose	10,000	SQ
8	Snow (blue) Goose	4,000	SQ
9	Mallard	300	SQ
10	Gadwall	400	SQ
11	Rintail	1000	SQ
12	Green wing Teal	2	SQ
13	Blue winged Teal	60	SQ
14	American wigeon	250	SQ
15	Red tailed Hawk	3	SQ
16	Marsh Hawk	3	SQ
17	Merlin	1	SQ
18	Ring necked Pheasant	10	SQ
19	American Coot	500	SQ
20	Killdeer	1	SQ
21	Rock Dove	6	0
22	Black billed Cuckoo	1	SQ
23	Chimney Swift	6	X
24	Barn Swallow	20	SQ
25	Robin	12	SQ
26	Starling	50	0 - SQ
27	Yellow rumped warbler	1	SQ
28	House Sparrow	6	0 - X
29	Red winged Blackbird	1200	SQ
30	Common Grackle	30	SQ - 0
31	Brown headed Cowbird	18	0
32	Swamp Sparrow	5	SQ
33	Song Sparrow	4	SQ

Today was mostly cloudy & cool all day. The temperatures were low 55° high 70°. When I got off from work at 3:30 PM. Lois, Pearl, Chad and I drove to Squaw Creek. Lois wanted to go & see the deer and I wanted to go and take a walk

on a mile + a half dike road leading out into the prairie area. We ate our supper at the head quarters area after dark. We got home at 8:10 P.M. Today I saw a rabbit here at home, squirrels on the boulevard on my way home from work, a Raccoon along the boulevard on my way to work this morning, a Coyote at Squaw Creek and 18 deer at Squaw Creek.

Friday, October 13, 1978

1	Rock Dove	6	0 - X
2	Mourning Dove	2	X
3	Chimney Swift	4	o.h. X
4	Blue Jay	2	X
5	Robin	18	o.h. X
6	Cedar Waxwing	16	o.h. X
7	Starling	30	6 - X
8	House Sparrow	10	X
9	Eastern Meadowlark	1	0
10	Common Grackle	100	o.h. X
11	Cardinal	2	X

Today was mostly clear & chilly. The temperatures were low 40° high 58°.

Saturday, October 14, 1978

1	Pied billed Grebe	20	SQ
2	White Pelican	40	SQ
3	Double crested Cormorant	1	SQ
4	Great Blue Heron	8	SQ
5	Black crowned Night heron	1	SQ
6	Canada Goose	1500	SQ
7	White fronted Goose	8	SQ
8	Snow Goose	} 25,000	SQ
9	Snow (Blue) Goose		SQ
10	Mallard	1500	SQ
11	Gadwall	750	SQ
12	Pintail	800	SQ
13	Green winged Teal	500	SQ

14	Blue winged Teal	600	SL
15	American Wigeon	150	SL
16	Shoveller	25	SL
17	Ring necked Duck	4	SL
18	Ruddy Duck	4	SL
19	Red tailed Hawk	1	X
20	Bald eagle	1 im	SL
21	Marsh Hawk	3	SL
22	American Kestrel	1	HC
23	American Coot	6000	SL
24	Common Snipe	1	SL
25	Stilt Sand piper	1	SL
26	Franklin's Gull	100	SL
27	Rock Dove	6	X - 0
28	Mourning Dove	10	HC - SL
29	Chimney Swift	2	X
30	Common Flicker	6	HC - SL
31	Red bellied Wood pecker	5	HC - SL
32	Red headed Wood pecker	2	HC
33	Downy Wood pecker	8	SL
34	Eastern Phoebe	1	SL
35	Tree Swallow	30	SL
36	~~Red~~ Barn Swallow	150	SL
37	Blue Jay	10	HC - SL
38	Common Crow	3	HC - SL
39	Black capped Chickadee	8	X - SL
40	White breasted Nuthatch	2	SL
41	Robin	25	X - SL
42	Ruby crowned Kinglet	1	X
43	Starling	300	HC - X - SL
44	Orange crowned Warbler	2	SL
45	Yellow rumped Warbler	2	SL
46	House Sparrow	30	X - SL
47	Eastern Meadowlark	6	0 - Hy 59
48	Red winged Blackbird	250	SL
49	Common Grackle	150	Hy 59 - SL
50	Cardinal	6	X - HC SL

51	Indigo Bunting	1	SG
52	American Goldfinch	4	SG
53	Rufous sided Towhee	1	HC
54	~~Black~~ Black eyed Junco	2	SG
55	Harris Sparrow	5	HC
56	~~White~~ White crowned Sparrow	3	SG - HC
57	Lincoln Sparrow	6	SG
58	Swamp Sparrow	24	SG
59	Song Sparrow	8	SG

Today was clear and nice. The temperatures were low 43° high 59°. We had a light frost and ice on our bird bath this morning. We left home at 8:10 a.m. and headed for Squaw Creek. We stopped by Honey Creek on our way up. I walked probably about two miles at the refuge. I could have walked all day, at least I felt that I could.

Sunday, October 15, 1978

1	Common Loon	1	Perry Lake	P.L.
2	Pied billed Grebe	4		MRL - LC
3	Double crested Cormorant	85		PL
4	Mallard	60		PL
5	Galwall	500		PL - HL
6	Bintail	40		PL
7	Blue wing Teal	10		PL - LC
8	American Wigeon	60		PL - LC
9	Spoonbill	3		PL - LC
10	Red head	3		PL
11	Ruddy Duck	2		PL
12	Turkey Vulture	1		PL
13	Red tailed Hawk	6		Kans - Mo.
14	Osprey	1		PL
15	Marsh Hawk	2		PL - LC
16	American Kestrel	5		Kans - Mo
17	Bob white	10 (very young)		near L.C.
18	American Coot	30		PL - LC
19	Killdeer	5		PL
20	Herring Gull	1		LC

21	Ring billed Gull	1450	PL
22	Franklin's Gull	2500	PL
23	Rock Dove	10	Kans - Mo
24	Mourning Dove	25	Kans - Mo.
25	Common Flicker	6	PL
26	Red bellied Wood pecker	5	PL
27	Red headed Wood pecker	10	PL
28	Hairy Wood pecker	1	PL
29	Horned Lark	2	MRL
30	Barn Swallow	15	PL
31	Blue Jay	20	Kans Mo.
32	Common Crow	40	Kans - Mo
33	Black capped Chickadee	6	X - PL
34	Robin	20	X - PL
35	Eastern Blue bird	13	near PL
36	Starling	2500	everywhere
37	House Sparrow	75	everywhere
38	Meadowlark (Sp)	25	Kans
39	Red wing blackbird	6000	Mo - Kans
40	Common Grackle	7500	Mo - Kans
41	Brown headed Cowbird	2500	Mo - Kans
42	Cardinal	6	Mo - Kans

Today was clear & nice. The temperatures were low 39° high 69°. Although the temperatures were cool the sun was hot. Earl & I left home at 6:45 A.M. & drove to Perry Lake in Kansas. We arrived at our first stopping place on the lake on highway 92 west of Oskaloosa at about 8:30 A.M. We then left there about 1:30 P.M. & headed home. We stopped at Horseshoe Lake, Mishkrat Lake and Lake Contrary and then got home at about 4 P.M. We were disappointed at how few birds we saw on and around the lake. If it wasn't for the gulls there would have been very few birds. About a month later I believe would be a much better time. We drove today a total of 197 miles. Next week end I hope I get to bird at Marginal with Mark Robbins. Friday, in Kansas City a Groove-billed Ani was captured, banded and then released.

Monday, October 16, 1978

1	Rock Dove	2		X
2	Mourning Dove	3		X
3	Common Flicker	1		X
4	Blue Jay	2		X
5	White breasted Nuthatch	1		X
6	Robin	5		X
7	Starling	28	o -	X
8	House Sparrow	10	o -	X
9	Common Grackle	1		X
10	Cardinal	1		X

Today was clear + cool all day. The temperatures were low 35° high 56°.

Tuesday, October 17, 1978

1	Snow Goose	} 40		o.h. X
2	Snow (blue) Goose			o.h. X
3	American Kestrel	1		o.h. X
4	Rock Dove	5	o -	X
5	Mourning Dove	2		X
6	Chimney Swift	1		o.h. X
7	Common Flicker	2		X
8	Blue Jay	3	3rd -	X
9	Common Crow	17		o.h. X
10	Black capped Chickadee	2		X
11	White breasted Nuthatch	1		X
12	Robin	10		X
13	Cedar Waxwing	15		o.h. X
14	Starling	35		X
15	Yellow rumped warbler	1		X
16	House Sparrow	30		X
17	Red winged Blackbird	1		o.h. X
18	Common Grackle	1		o.h. X
19	Cardinal	2		X

Today was clear + cool all day. The temperatures were low 43° high 69°. I got my chauffeur license today which is good for another three years.

Wednesday, October 18, 1978

1	Snow Goose	375		o.h. X
2	Blue Goose			o.h. X
3	Buteo (probably Red tail)	1		o.h. X
4	Kestrel	1		X
5	Rock Dove	2		X
6	Mourning Dove	2		X
7	Yellow-bellied Sapsucker	1		X
8	Downy Woodpecker	1		X
9	Blue Jay	4		bud - X
10	Black-chapped Chickadee	2		X
11	Tufted Titmouse	1		X
12	Robin	3		X
13	Starling	100		X
14	Yellow-rumped Warbler	3		X
15	House Sparrow	60		X
16	Cardinal	1		X

I saw a fox this morning along the boulevard and was going to work

Today was mostly cloudy and cool. The temperatures were low 43° high 64°. When I came home from work at 3:30 P.M. Pearl was in bed sick. Lois says that it seems to her like a 24 hour flu that is going around. I hope I don't get it.

Thursday, October 19, 1978

1	Rock Dove	2		X
2	Mourning Dove	4		X
3	Chimney Swift	5		o.h. X
4	Common Flicker	1		X
5	Yellow-bellied Sapsucker	1		X
6	Blue Jay	3		X
7	Common Crow	6		o.h. X
8	Black-capped Chickadee	2		X
9	White-breasted Nuthatch	1		X
10	Robin	20		X
11	Starling	60		X
12	Yellow-rumped Warbler	3		X
13	House Sparrow	25		X
14	C. Meadowlark	1		0
15	Red-winged Blackbird	15		o.h. X

- | | | | |
|----|----------------|----|---------|
| 16 | Common Grackle | 15 | O. h. X |
| 17 | Cardinal | 1 | X |
- ~~18~~ Today was clear & nice. The temperatures were low 35° high 72°. Pearl is feeling better this evening for which I am glad.

Friday, October 20, 1978

- | | | | |
|----|-------------------------|-------|---------|
| 1 | Rock Dove | 4 | X |
| 2 | Mourning Dove | 2 | X |
| 3 | Common Flicker | 1 | X |
| 4 | Hairy Woodpecker | 1 | X |
| 5 | Downy Woodpecker | 1 | X |
| 6 | Blue Jay | 3 | X |
| 7 | Common Crow | 1 | X |
| 8 | Black capped Chickadee | 2 | X |
| 9 | Tufted Titmouse | 2 | X |
| 10 | White breasted Nuthatch | 1 | X |
| 11 | Robin | 18 | X |
| 12 | Cedar waxwing | 7 | X |
| 13 | Starling | 250 | X |
| 14 | Yellow rumped Warbler | 2 | X |
| 15 | House Sparrow | 50 | X |
| 16 | Eastern Meadowlark | 5 | 0 |
| 17 | Red winged Blackbird | 40 | O. h. X |
| 18 | Common Grackle | 80 | O. h. X |
| 19 | Brown headed Cowbird | 8 | O. h. X |
| 20 | Cardinal | 3 | X |
| 21 | White crowned sparrow | 1 im. | X |

Today was clear and warm. The temperatures were low 39° high 82°.

Saturday, October 21, 1978

- | | | | |
|---|--------------------------|--------|----|
| 1 | Pied billed Grebe | 6 | SG |
| 2 | White Pelican | 7 | SG |
| 3 | Double crested Cormorant | 7 | SG |
| 4 | Great Blue Heron | 4 | SG |
| 5 | Canada Goose | 2500 | SG |
| 6 | Snow Goose | 50,000 | SG |

7	Snow (Blue) Goose	50,000		SG
8	Mallard	20,000		SG
9	Gadwall	4,000		SG
10	Bintail	16,000		SG
11	Green winged Teal	6,000		SG
12	American Wigeon	1,000		SG
13	Shoveller	150		SG
14	Wood Duck	1		SG
15	Canvasback	3		SG
16	Ruddy Duck	1200		SG
17	Red tailed hawk	11	X - Hy 59 -	SG
18	Marsh hawk	2		SG
19	American Kestrel	4	X	SG
20	Ring necked Pheasant	1		SG
21	American Coot	2500		SG
22	Killdeer	5		SG
23	Ring billed Gull	8		SG
24	Franklin's Gull	90		SG
25	Rock Dove	20	X-AR - Hy 59	
26	Mourning Dove	50	X - everywhere	
27	Common Flicker	4		SG
28	Red bellied Woodpecker	3		SG
29	Red headed Woodpecker	2		SG
30	Downy Woodpecker	1		SG
31	Tree Swallow	5000		SG
32	Barn Swallow	5000		SG
33	Blue Jay	25	X-HC -	SG
34	Common Crow	120	X-AR -	SG
35	Black capped Chickadee	6	X	SG
36	Tufted Titmouse	2	X-HC	
37	White-breasted Nuthatch	2	X	SG
38	Robin	150	X-HC - Hy 59	
39	~~Red breasted Nuthatch~~ Loggerhead Shrike	1	HC	
40	Starling	350	X - everywhere	
41	Orange crowned Warbler	1	X	
42	Yellow rumped Warbler	3	X	SG
43	House Sparrow	150	X - everywhere	

44	Eastern Meadowlark	4	Hy 59
45	Red winged Blackbird	10,000	SQ
46	Common Grackle	600	X-HC-SQ
47	Cardinal	6	X-HC-SQ
48	American Goldfinch	2	SQ
49	Savannah Sparrow	2	SQ
50	Black-eyed Junco	2	SQ
51	White-throated Sparrow	6	SQ
52	Lincoln Sparrow	4	SQ
53	Song Sparrow	8	SQ

Today was clear and hot. The temperatures were low 46° high 87° which was an alltime high for St Joseph for this date. Pearl & I got up at 6 AM. ate breakfast and then at 7:30 AM we headed for Squaw Creek. It was hot, windy and very dirty there from the rock dust. There were so many cars there was almost a constant dust along the roads. We got home at 4 P.M.

Sunday, October 22, 1978

1	Horned Grebe	2	LC
2	Pied-billed Grebe	6	AP-MRL-LC
3	Double-crested Cormorant	20	AP-LC
4	Great blue heron	3	LC
5	Snow Goose	1	ML
6	Mallard	30	HL-MRL-LC
7	Gadwall	400	AP-HL-MRL-LC
8	Pintail	60	O.H.AC
9	Blue-winged Teal	2	LC
10	American Wigeon	150	HL-LC
11	Shoveler	15	AP-MRL
12	Red-head Duck	6	LC
13	Lesser Scaup	1	MRL
14	Ruddy Duck	150	AP-MRL-LC
15	Sharp-shinned hawk	1	AC
16	Red-tailed hawk	2	ML-BW-LC
17	Marsh hawk	2	ML
18	American Kestrel	3	d.t. - LC-ML

19	Ring necked Pheasant	1	near LC
20	American Coot	2000	all water areas
21	Killdeer	4	LC - MRL
22	Greater yellowlegs	4	MRL
23	Lesser yellowlegs	1	MRL
24	King Billed Gull	5	LC
25	Rock Dove	25	ML - LC
26	Mourning Dove	20	LC - MRL - AP
27	Common Flicker	4	AC
28	Hairy Wood pecker	1	AC
29	Downy wood pecker	2	LC - AC
30	Horned Lark	3	MRL - ML
31	Barn Swallow	3	LC
32	Blue Jay	10	AC - LC - ML
33	Common Crow	30	AC - LC - BW
34	Black capped Chickadee	6	X - AC
35	Robin	500	mostly all AC
36	Golden crowned Kinglet	2	AC
37	Cedar waxwing	100	AC
38	Loggerhead Shrike	3	ML - LC
39	Starling	1500	everywhere
40	Yellow rumped Warbler	1	AC
41	House Sparrow	200	everywhere
42	Red winged Blackbird	5000	lake areas
43	Common Grackle	300	X - AC - LC - BW
44	Cardinal	6	AC - BW
45	Dark eyed Junco	12	AC

Today was cloudy, chilly and rainy almost all day. The temperatures were low 45° high 72°. We didn't get up until 7:30 A.M. We ate breakfast and then I drove to Ashland Cemetery where I took my morning walk. I came home and then Pearl & I went to church. After church we ate lunch and then we took our Sunday afternoon drive down around the lakes & through Bluff woods. Probably because of the weather conditions there were thousands of birds on Lake Contrary. Not many on any of the other lakes.

Monday, October 23, 1978

1	Rock Dove	11	X - 0
2	Mourning Dove	4	X - 0
3	Blue Jay	3	X
4	Black capped Chickadee	2	X
5	Starling	40	X
6	House Sparrow	50	X
7	Common Grackle	3	X - 0
8	Cardinal	1	X

To day was clear & pretty cool but nice. The temperatures were low 38° high 57°.

Tuesday, October 24, 1978

1	American Kestrel	1	X
2	Rock Dove	7	0 - X
3	Mourning Dove	2	X
4	Chimney Swift	1	X
5	Common Flicker	1	X
6	Hairy Wood pecker	1	X
7	Blue Jay	3	X
8	Common Crow	7	X
9	Tufted Titmouse	2	X
10	Robin	20	X
11	Starling	35	X
12	House Sparrow	50	X
13	Common Grackle	3	X
14	Cardinal	1	X

Today was clear & nice after a very nippy morning. We had a very heavy frost and ice on our bird baths. Temperatures today were low 34° high 67°.

This evening Larry & I went up to the Robidoux ~~High~~ School to see a presentation by the St Joseph Museum group of the St Joseph, Mo. area from the late 1700's up until the 1840's. There was quite a bit about the Indian tribes of the area during that period. It was very interesting.

Wednesday October 25, 1978

1	Pied billed Grebe	3	sq
2	White Pelican	2	sq
3	Double crested Cormorant	2	sq
4	Canada Goose	7500	sq
5	Snow Goose	{ 200,000	sq
6	Snow (blue) Goose		sq
7	White fronted Goose	25	sq
8	Mallard	1500	sq
9	Gadwall	2000	sq
10	Pintail	6000	sq
11	Green winged Teal	5000	sq
12	Blue winged Teal	150	sq
13	American Wigeon	30	sq
14	Shoveller	100	sq
15	Ruddy Duck	500	sq
16	Red tailed Hawk	4	Hy I 29 - sq
17	Marsh Hawk	3	sq
18	Ring necked Pheasant	4	sq
19	American Coot	2500	sq
20	Killdeer	4	sq
21	Common Snipe	1	sq
22	Howitzer (sp)	15	sq
23	Ring billed Gull	3	sq
24	Rock Dove	6	6 - AR
25	~~Mourning Dove~~ Red bellied woodpecker	1	near sq
26	Downy Wood pecker	3	sq
27	Tree Swallow	125	sq
28	Barn Swallow	150	sq
29	Blue Jay	1	sq
30	Common Crow	12	AR - sq
31	Black capped Chickadee	3	0 - sq
32	Starling	1000	x - sq
33	House Sparrow	30	x - sq
34	Red winged Blackbird	20,000	sq
35	Common Grackle	60	sq
36	Brown headed Cowbird	125	sq
37	Cardinal	2	sq

38	White throated Sparrow	3	Su
39	Lincoln Sparrow	1	Su
40	Swamp Sparrow	1	Su
41	Song Sparrow	3	Su
42	B.C. Night heron	1	Su
43	Breasted yellowlegs	2	Su

Today was cloudy, windy, damp & chilly. we had a light rain sometime during the night. The temperatures today were low 44° high 58°. Because I work this night Saturday I took off today at noon. I ate lunch at home & then at 1:18 P.M. Pearl and I headed for Squaw Creek. Because of the cloudy skies it got dark early. we got home at 7 P.M. At Squaw Creek we saw seven deer and a coyote.

Thursday, October 26, 1978

1	Rock Dove	2	X
2	Mourning Dove	2	X
3	Blue Jay	1	X
4	Common Crow	30	X
5	Black capped Chickadee	2	X
6	Tufted Titmouse	1	X
7	White-breasted Nuthatch	1	X
8	Robin	30	X
9	Starling	125	X
10	Yellow-rumped Warbler	1	X
11	House Sparrow	60	X
12	Red winged Blackbird	18	X
13	Common Grackle	3	X
14	White throated Sparrow	1	X
15	Song Sparrow	1	X

16. Cardinal X

Today was clear & cool all day. The temperatures were low 33° high 63°.

Friday, October 27, 1978

1	Red tailed hawk	4	east of town
2	American Kestrel	1	0

3	Rock Dove	7	0
4	Mourning Dove	6	east of town
5	Great horned Owl	1	near Cameron, Mo.
6	Common Flicker	1	bvd
7	Downy Woodpecker	1	bvd
8	Common Crow	3	east of town
9	Starling	60	everywhere
10	House Sparrow	25	everywhere
11	Eastern Meadowlark	14	0 - east of town
12	Common Grackle	2	0

Today was clear and nice. The temperatures were low 39° high 68°. This evening at 5 P.M. we pick Lois up down town and drove to Nettleton, Mo. where she is having her car worked on. It was supposed to be done this evening so I took her out to get it. When we got there he had been having trouble with some of the parts so it was not ready. So we had to come on back I drove 112 miles for nothing as it was about 56 miles out there. Now she is to call him Tuesday.

Saturday, October 28, 1978

1	Pied-billed Grebe	2	0 - LC
2	Lesser Scaup	1	LC
3	Ruddy Duck	3	LC
4	Red-tailed hawk	1	0
5	American Kestrel	1	LC
6	American Coot	6	LC
7	Ring-billed Gull	2	LC
8	Bonaparte's Gull	9	LC
9	Rock Dove	500	mostly d.t. in railroad ^{yd.}
10	Downy Woodpecker	1	0
11	Barn Swallow	1	LC
12	Blue Jay	6	bvd - LC - X
13	Common Crow	90	X
14	Black capped Chickadee	2	X
15	Tufted Titmouse	2	X
16	Robin	1	X
17	Starling	500	everywhere

18	Yellow-rumped Warbler	1	X
19	House Sparrow	60	everywhere
20	Eastern Meadowlark	6	o. h. X
21	Red-winged Blackbird	2	bvd
22	Common Grackle	30	o. h. X
23	Cardinal	1	X
24	Dark-eyed Junco	1	LC
25	Chipping Sparrow	1	X

Today was clear and nice. The temperatures were low 43° high 59°. Phil Montemayor and I worked this morning from 7 a.m. until 11 a.m. After lunch Pearl & I took a drive around Lake Conroy & then came on back home where I stayed the rest of the day.

Sunday October 29, 1978

1	Pied-billed Grebe	3	SG
2	White Pelican	10	SG
3	Double-crested Cormorant	2	SG
4	Great blue heron	2	SG
5	Canada Goose	600	SG
6	White-fronted Goose	100	SG
7	Snow Goose	125,000	SG
8	Snow (blue) Goose	100,000	SG
9	Ross' Goose	1	SG
10	Mallard	6000	SG
11	Gadwall	1500	SG
12	Pintail	2500	SG
13	Green-winged Teal	4	SG
14	American Wigeon	1500	SG
15	Shoveller	750	SG
16	Red-head Duck	500	SG
17	Ring-necked Duck	500	SG
18	Canvasback	200	SG
19	Lesser Scaup	2500	SG
20	Ruddy Duck	1000	SG
21	Red-tailed hawk	3	SG
22	Marsh hawk	3	SG