

XMAS BIRD COUNTS

Sg. Cr. 67th Xmas Count
 53 species
4 count period
 57

St. Joe 67th Xmas Count
 52 species
4 count period
 56

Sg. Cr. 68th Xmas Count
 45 species
3 count period
 48

St. Joe. 68th Xmas count
 50 species
18 count period
 68

Sg. Cr. 69th Xmas count
 52 species
3 count period
 55

St. Joe 69th Xmas count
 51 species
5 count period
 56

Sg. Cr. 70th Xmas count
 65 species
2 count period
 67

St. Joseph 70th Xmas count
 57 species
10 count period
 67

Sg. Cr. 71st Xmas Count
 58 Species
3 count period
 61

St. Joseph 71st Xmas Count
 45 species
4 count Period
 49

Sg. Cr. 72nd Xmas Count
 75 species
2 count period
 77

St. Joseph. 72nd Xmas Count
 50 species
18 count period
 68

Sg. Cr. 73rd Xmas count
 Lost species
 in mail count period

St. Joseph 73rd Xmas count
 49 Species
7 count period
 56

Xmas Bird Counts

Sg. Cr. 60th. Xmas Count
 34 species
 1 Count period
 35

St. Joe 60th Xmas Count
 None

Sg. Cr. 61st. Xmas count
 40 Species
 0 Count period
 40

St. Joe 61st Xmas Count
 None

Sg. Cr. 62nd. Xmas count
 34 Species
 0 Count period
 34

St. Joe 62nd Xmas Count
 None

Sg. Cr. 63rd. Xmas Count
 34 species
 6 Count period
 40

St. Joe 63rd Xmas Count
 None

Sg. Cr. 64th. Xmas Count
 (None)

St. Joe 64th Xmas Count
 49 species
 9 Count period
 58

Sg. Cr. 65th Xmas Count
 41 species
 4 Count period
 45

St. Joe 65th. Xmas Count
 42 species
 7 Count period
 49

Sg. Cr. 66th. Xmas count
 54 species
 0 Count period
 54

St. Joe 66th. Xmas Count
 54 species
 4 Count period
 58

Sq. Cr. 81st. Xmas Count
64 Species
3 Count period
67

St. Joe Xmas count
54 Species
2 Count week

~~Sq. Cr. 82nd Xmas Count
54 Species
2 Count period
56~~

~~St. Joe 82nd Xmas Count
54 Species
2 Count week
56~~

Sq. Cr. 82nd Xmas Count
Species
Count week

St. Joe 82nd Xmas Count
Species
Count week

St. Joe 82nd Xmas Count

Xmas Bird Counts

SQ. 74th. Xmas Count

62 Species
0 count period
 62

St. Joe 74th Xmas Count

50 Species
4 count period
 54

SQ Creek 75th. Xmas Count

50 Species
0 count period
 50

St Joe 75th Xmas Count

45 Species
4 count period
 49

SQ Creek 76th. Xmas Count

58 Species
0 count period
 58

St. Joe 76th. Xmas Count

52 Species
2 additional races
 54

SQ 77th. Xmas Count

55 Species
2 count period
 57

St. Joe 77th Xmas Count

51 Species
2 count period
 53

SQ 78th Xmas Count

69 Species
2 count week
 71

St. Joe 78th. Xmas Count

54 Species
1 count week
 55

S.Q. 79th Xmas Count

76 Species
2 count week
 78

St. Joe 79th Xmas Count

50 Species
2 count week
 52

SQ 80th Xmas Count

68 Species
8 count week
 76

St. Joe 80th Xmas count

51 Species
3 count week
 54

Monthly Bird Totals

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Jan.	75	48	72	81	62	85	57	46	73	63		
Feb.	114	50	60	75	72	78	63	53	66	76		
Mar.	83	90	95	97	110	96	83	78	97	92		
Apr.	142	127	145	155	142	146	130	127	159	161		
May.	174	161	182	168	187	277	156	156	269	154		
June.	127	94	114	103	118	103	79	89	137	79		
July.	105	84	102	89	111	76	83	63	61	39		
Aug.	102	86	107	103	112	73	94	99	117	52		
Sept.	105	114	139	127	153	107	137	116	105	80		
Oct.	113	127	130	118	127	103	122	119	137	111		
Nov.	93	97	102	103	103	106	110	90	80	53		
Dec.	74	76	87	85	85	71	75	74	89			
year total												
Species	268	239	251	239	251	325	231	226				
Months Average	108 ¹	96 ²	111 ²	108 ²	115 ²							

Monthly Bird Totals

	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Jan	x x	10	34	37	36	36	49	44	51	59	50	58	64
Feb.	x x	12	35	39	58	58	46	60	35	67	55	54	70
Mar.	x x	21	65	65	82	84	76	80	45	80	83	103	105
Apr.	x x	40	71	57	121	114	120	115	100	157	139	128	151
May.	x x	55	88	81	135	92	144	152	160	136	153	164	174
June	x x	34	59	36	80	69	95	88	93	103	87	97	105
July	22	34	57	48	65	63	93	104	106	92	22	97	119
Aug	26	33	62	66	75	71	109	105	97	92	37	113	130
Sept.	16	36	70	78	90	56	88	90	107	85	98	127	119
Oct.	11	58	72	80	77	78	86	79	105	93	65	118	89
Nov.	22	45	45	59	50	39	65	45	63	51	60	79	70
Dec.	11	37	41	41	48	85	55	48	57	55	54	69	45
Years Total													
Species	40	107	159	163	213	211	208	211	222	232	225	254	246
Monthly Ave.	18	35	58	57	77	70	85 ²	83 ³	85	89 ¹	75 ²	100 ⁵	103 ⁵

	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Jan.	62	74	80	51	64	177	64	72	52	57	55	64	54
Feb.	64	101	71	51	69	75	63	65	30	71	51	74	65
Mar.	82	101	103	96	97	87	87	93	71	99	98	94	92
Apr.	141	131	154	160	204	148	151	172	122	146	148	137	123
May.	183	178	184	195	191	180	188	191	165	169	203	186	151
June	117	99	117	131	128	122	137	216	103	126	147	103	133
July	97	116	111	112	117	111	109	108	101	98	92	94	103
Aug.	116	139	124	113	129	130	138	101	82	125	138	98	106
Sept.	122	131	128	144	144	138	119	116	123	120	88	18	96
Oct.	115	114	110	102	120	114	142	103	88	112	96	70	122
Nov.	80	86	89	103	95	90	91	106	103	99	102	85	91
Dec.	57	55	81	80	85	70	83	83	88	71	70	66	58
Years Total													
Species	243	277	253	268	271	296	269	326	228	244	273	238	243
Monthly Average	103	110 ⁵	112 ⁷	111 ⁵	120 ²	120 ²	114 ³	118 ⁸	94	107 ²	106 ²	90 ⁸	99 ⁵

Number of species seen by the end of each year
using a cumulative total month by month.

YEARLY LIST

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Jan	49	44	51	59	50	62	64	62	74	80	51	64	177
Feb	59	62	53	78	64	66	78	72	118	90	60	77	186
Mar	86	90	63	100	97	114	114	95	138	119	104	108	191
Apr	139	136	115	178	162	161	177	157	179	177	185	222	231
May	187	191	184	203	201	214	224	223	240	231	247	257	278
June	188	198	187	211	207	218	229	224	246	235	250	261	282
July	193	204	190	212	207	224	233	225	248	239	252	263	283
Aug	197	205	198	215	208	233	240	228	267	244	254	265	286
Sept	200	207	205	225	216	240	244	233	272	246	266	266	292
Oct	205	209	215	230	219	246	245	239	274	253	267	267	295
Nov	207	210	218	232	223	251	246	241	276	253	267	270	296
Dec	208	211	222	232	225	254	246	243	277	253	269	271	296
	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Jan	64	72	52	57	55	64	54	75	48	72	81	62	85
Feb.	78	80	53	79	66	82	74	126	57	80	90	81	93
Mar.	102	105	81	107	102	102	108	138	101	104	107	119	110
Apr.	167	190	139	165	158	156	152	193	142	155	172	164	163
May	229	238	192	214	238	225	200	249	208	226	214	228	310
June	250	315	198	221	245	230	221	258	212	229	220	231	312
July	252	319	206	221	245	232	224	260	214	232	220	233	312
Aug	259	319	207	230	267	232	227	261	215	236	224	234	314
Sept	260	319	213	234	267	232	229	263	223	240	228	240	316
Oct	266	321	219	240	269	234	238	267	235	245	229	241	319
Nov	267	322	225	242	273	237	243	268	238	249	235	250	323
Dec	269	326	228	244	273	238	243	268	239	251	239	251	325

yearly List

[illegible]

January

Alice Kay (Jackson) Boyles
Lawrence Ralph (Bud) Jackson
David Wilfred Darnell
Ival Vincent Lawhon, Jr.

Febr.

Bert Howard Jennings
Beverl Ann (Lawhon) Downing

Jon Ray McKnight
Roy Norman Lawhon
Maretta Rose (Followwell) Lawhon

March

Connie Lea (Jennings) Hass
Betty Jean (Lawhon) Rochester
Ronald Lee Darnell

Steven David Darnell

Edna Mae Johnson

May

Mark Eugene Lawhon
Vera (Davison) Hoskins
Geraldine Marie (Carolus) Lawhon

Ragan Lynn Lawhon
Debra Ellen (Hawman)

June

Billy Ray Lawhon
Rebecca Louise Hawman
Alice Roberta (Jennings) Jackson
Judith Anne (Jackson) Brown

Chad Michael Lawhon

July

Larry Bruce Lawhon
Mary Jean (Lawhon)
Gerald Franklin Darnell

Jeanetta Mae (Lawhon) McKnight

Barbara Lynn (Jackson) Turney

Floyd Ray Lawhon

Aug

Rosanne Lynn Hawman

Robert Lester Hawman

January 8, 1945

January 8, 1947

February 2, 1919

February 1, 1948

February 2, 1922

February 19, 1932

February 21, 1947

March 9, 1919

March 11, 1948

March 16, 1944

March 28, 1928

March 13, 1950

March 24, 1961

May 29, 1913

May 29, 1954

May 30, 1916

June 1, 1926

June 6, 1977

June 12, 1965

June 26, 1938

June 29, 1960

July 28, 1916

July 28, 1939

July 28, 1971

July 14, 1948

July 21, 1954

July 5, 1953

Aug 7, 1924

Aug 5, 1943

Aug. 27, 1914

Aug. 26, 1954

Aug. 10, 1958

Sept

Mary (Anderson) Lawhon
Mary Ann (Morlock) Lawhon
Zaidee Mae (Jennings) Hawman
Robert Isaac Downing
Joseph Lee Lawhon
Willard Clifton McKnight
Benjamin Harrison Lawhon
Gregory Charles Lawhon

Oct

Kenneth Russel Hawman
Robert Eldon McKnight
David Eugene McKnight
Robbie Leah McKnight
Bertha (Higgins) Lawhon

Nov

Carl Adam Lawhon
Matthew Lee Lawhon
Lois Gale Lawhon

Dec

Eugene Gerald Lawhon
Charla Anne (Lawhon)
Ralph Lawrence Jackson

Sept. 3, 1921
Sept 5, 1932
Sept 6, 1927
Sept 7, 1929
Sept 17, 1955
Sept 26, 1920
Sept 27, 1934
Sept. 29, 1959
~~Sept~~ 13, 1963
~~Oct~~ 6, 1948
Oct 21, 1973
Nov. 6, 1949
Nov. 18, 1919
Nov. 25, 1921
Nov. ~~2~~ 30, 1978
Dec. 2, 1939
Dec. 2, 1958
Dec. 11, 1956
Dec. 13, 1913

apprx. 10/lbs mixed niger + millet seed mixed from last winter

Bird Feed Winter 1986/87

	weight	cost
Sept 1986 Sunflower seed	50 lbs	14.98
Oct. 1986 Developer grain	50 lbs	5.25
Nov. 8, 1986 Small Black Sunflower.	80 lbs	25.00
Nov. 8, 1986 Striped Sunflower	40 lbs	14.75
Nov. 8, 1986 New premium Wild Bird Feed	40 lbs	11.50
Nov. 8, 1986 Peanut bits & pieces	10 lbs	4.75
Nov. 8, 1986 Niger seed	20 lbs	23.00
Nov 11, 1986 Developer grain	100 lbs.	10.51
	<u>390 lbs.</u>	<u>109.74</u>
Nov. 22, 1986 Squirrel ear Corn	120 lbs	3.00
Dec 8, 1986 Developer grain	100 lbs	9.80
Dec 8, 1986 Squirrel ear corn	200 lbs	5.00
Jan 24, 1987 Developer grain	100 lbs.	10.14
" 24, 1987 Peanuts in hull	2 lbs	2.50
	<u>912 lbs</u>	<u>140.18</u>
April 15, 1987 Niger Seed	10	9.70
millet	10	2.15
	<u>932</u>	<u>152.03</u>

1987 fall & winter

10/8/87 Peanuts	1 pound	.80
10/8/87 Developer Grain	Holmes Feeds 50 lbs	5.27
10/8/87 Sunflower Seed	50 lbs	~~19.00~~
11/7/87 Sunflower Seed	200 lbs (MEAS)	42.00
11/7/87 Niger seed	25 lbs (MEAS)	23.75
11/27/87 Developer grain & peanuts		8.53

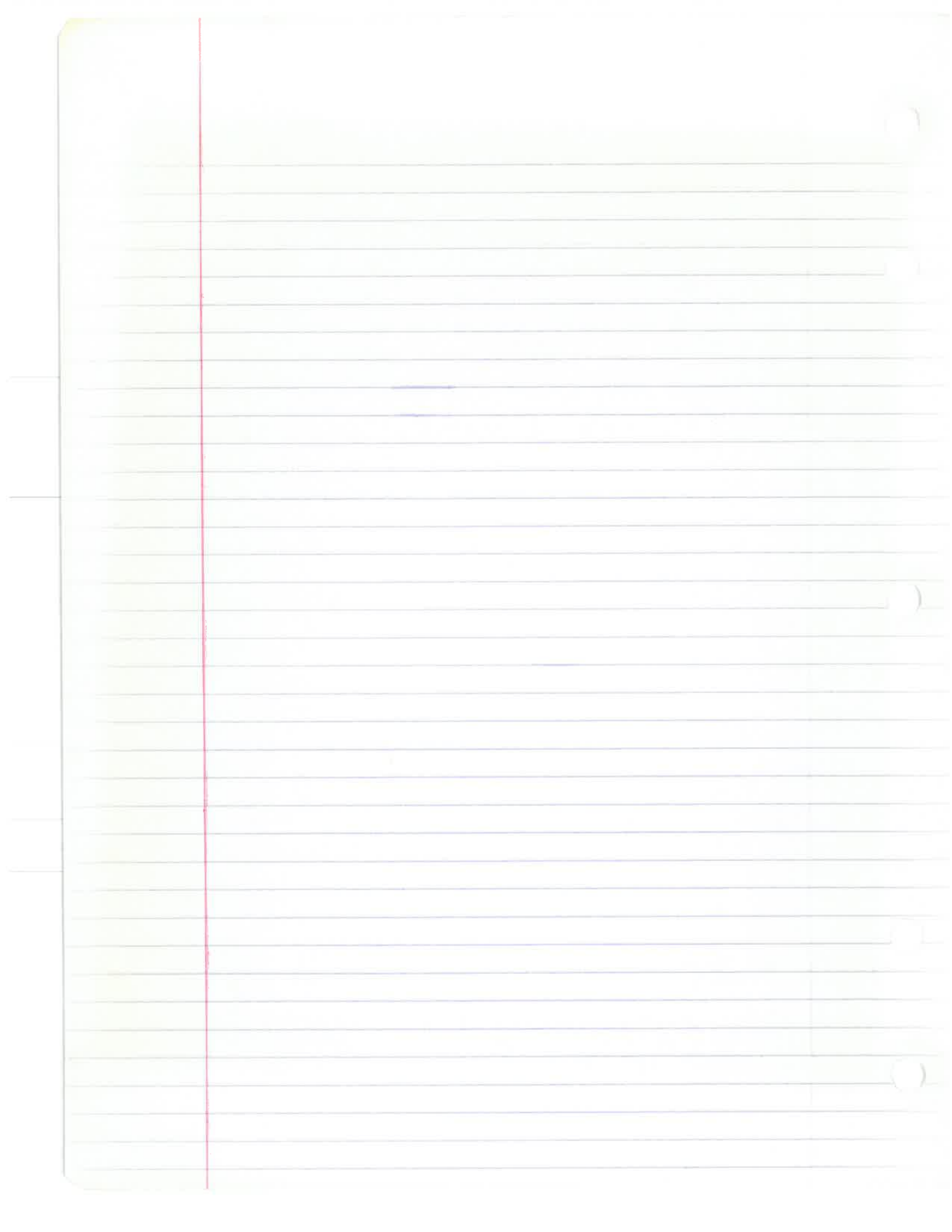
Number of species of birds seen by the end of each year using an accumulative total month by month.

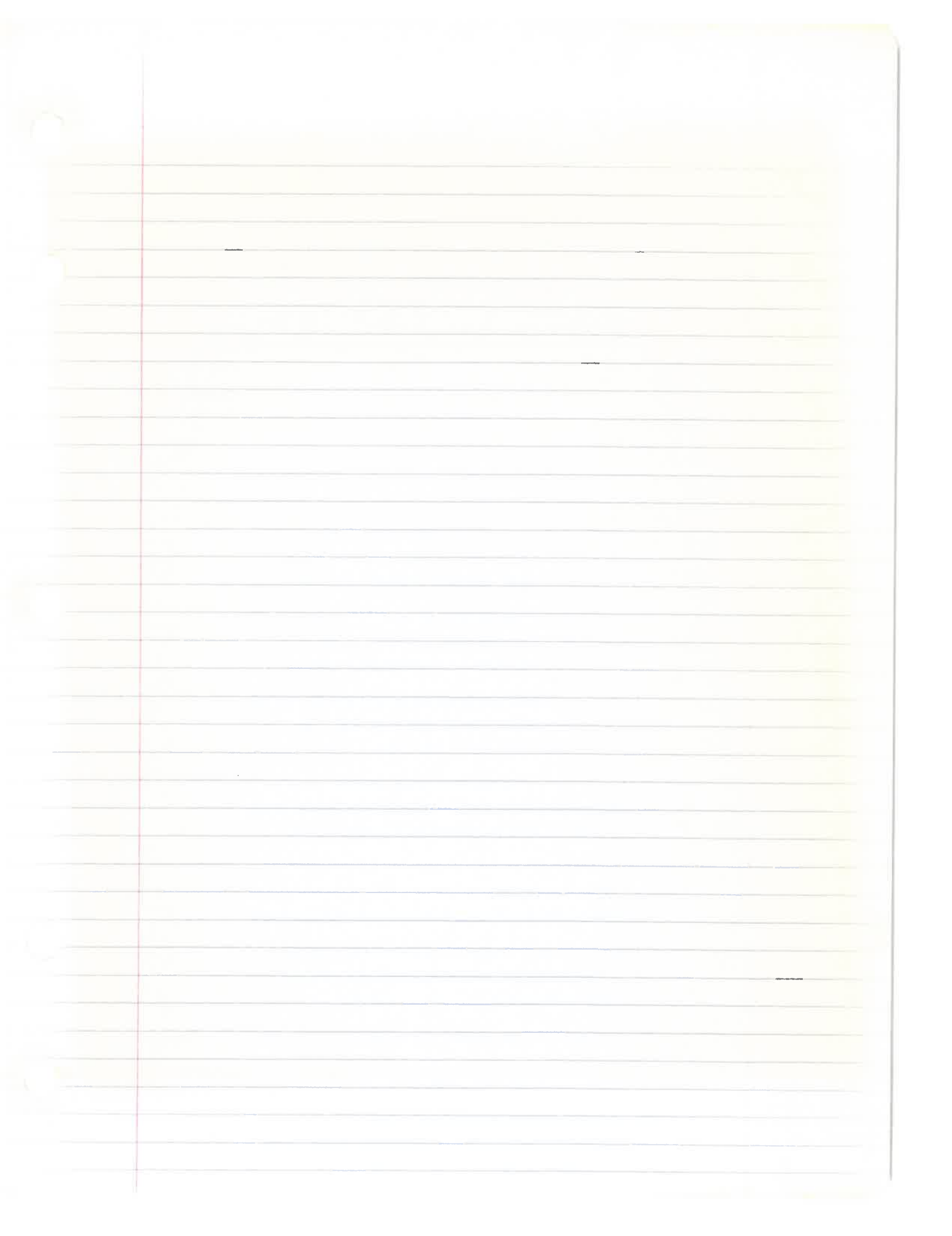
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Jan	49	44	51	59	50	62	64	62	74	80	51	64
Feb	59	62	53	78	64	66	78	72	118	90	60	77
Mar	86	90	63	100	97	114	114	95	138	119	104	108
Apr	139	136	115	173	162	161	177	157	179	177	185	222
May	187	191	184	203	201	214	224	223	240	231	247	257
June	188	198	187	211	207	218	227	224	246	235	250	261
July	193	204	190	212	207	224	233	225	248	239	252	263
Aug	197	205	198	215	208	233	240	228	267	244	254	265
Sept	200	207	205	225	216	240	244	233	272	246	266	266
Oct	205	209	215	230	219	246	245	239	274	253	267	267
Nov	207	210	218	232	223	251	246	241	276	253	267	270
Dec	208	211	222	232	225	254	246	243	277	253	268	271

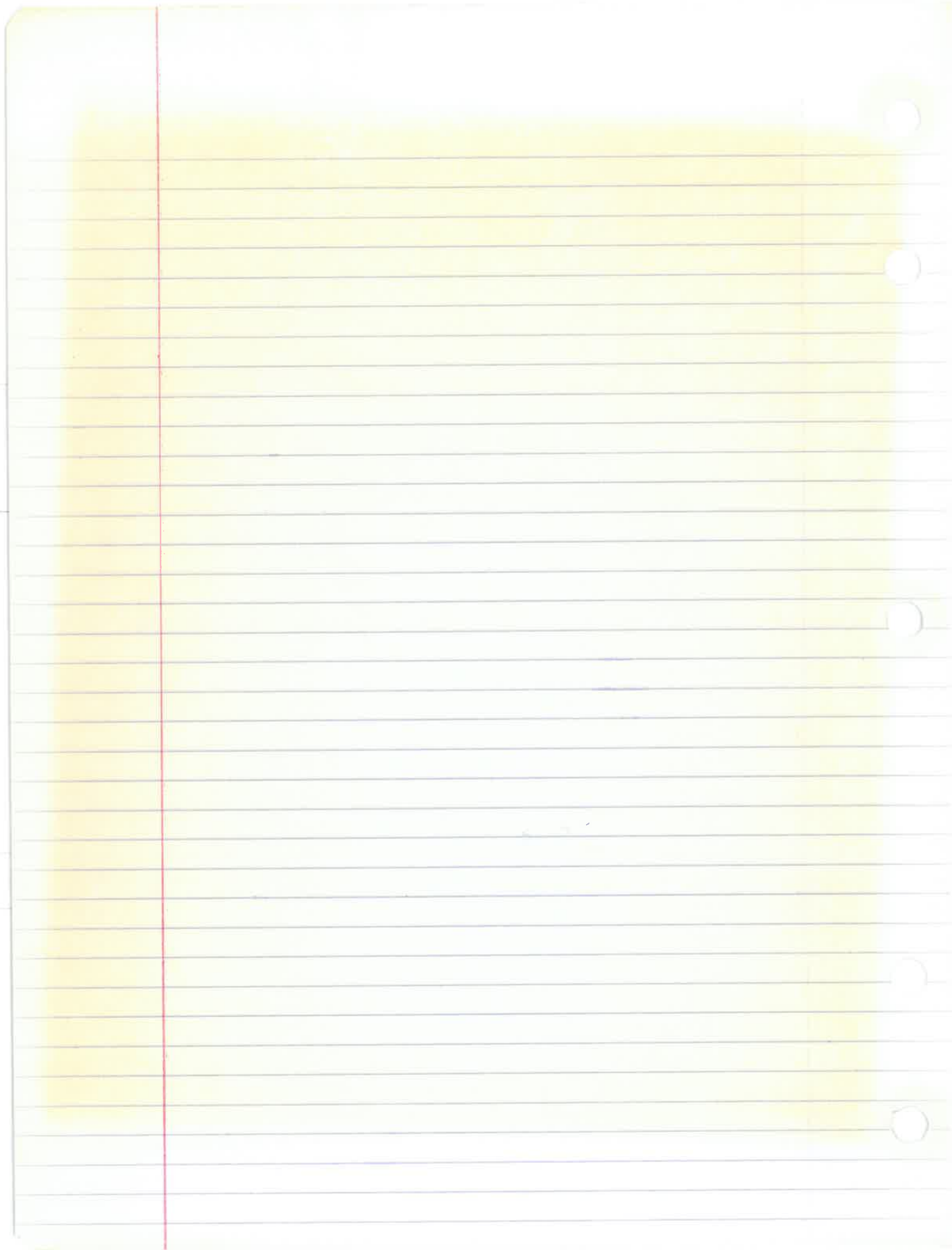
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Jan	177	64	72	52	57	55	64	54	75	48	72	81
Feb	186	78	80	53	79	66	82	74	126	57	80	90
Mar	191	102	105	81	107	102	102	108	138	101	104	107
Apr	231	167	190	139	165	158	156	152	192	142	155	172
May	278	229	238	192	214	238	225	200	249	208	226	214
June	282	250	315	198	221	245	230	220	258	212	229	220
July	283	252	319	206	221	245	232	224	260	214	232	220
Aug	286	259	319	207	230	267	232	227	261	215	236	224
Sept	292	260	319	213	234	267	232	229	263	223	240	228
Oct	295	266	321	219	240	269	234	238	267	235	245	229
Nov	296	267	322	225	242	274	237	243	268	238	249	235
Dec	296	269	326	228	244	273	238	243	268	239	251	239

Numbers of species of Birds seen on
January 1st. the following years.

January 1, 1954 - 15	White Pelican	Mocking bird	Shoveller
January 1, 1955 - 12	Canada Goose	Robin	Scarp
January 1, 1956 - 19	Snow Goose	Eastern Bluebird	Goldeneye
January 1, 1957 - 18	Blue Goose	Townsend's Solitaire 40	Golden Eagle (76)
January 1, 1958 - 18	Mallard	G.C. Kinglet	Turkey
January 1, 1959 - 17	Pintail	R.C. Kinglet	Brewer's Blackbird
January 1, 1960 - 17	Common Merganser	L.H. Shrike	
January 1, 1961 - 38	Red tailed Hawk	Starling	
January 1, 1962 - 34	Harlan's Hawk	House Sparrow	
January 1, 1963 - 33	Rough-legged Hawk	E. Meadowlark	
January 1, 1964 - 25	Bald Eagle	W. Meadowlark	
January 1, 1965 - 21	Marsh Hawk	Redwing Blackbird	
January 1, 1966 - 41	Sparrow Hawk	Rusty Blackbird	
January 1, 1967 - 31	Bob White	Common Grackle 50	
January 1, 1968 - 8	Pheasant	B. H. Cowbird	
January 1, 1969 - 37	Killdeer	Cardinal	
January 1, 1970 - 49	Rock Dove	Purple Finch	
January 1, 1971 - 27	Mourning Dove	Pine Siskin	
January 1, 1972 - 30	Horned Owl	Am. Goldfinch	
January 1, 1973 - 37	Saw-whet Owl	R.S. Towhee	
January 1, 1974 - 15	Kingfisher	S.C. Junco	
January 1, 1975 - 38	Y.S. Flicker	Tree Sparrow	
January 1, 1976 - 47	R.B. Woodpecker	Harris Sparrow	
January 1, 1977 - 34	R.H. Woodpecker	Wh. Crown Sparrow	
January 1, 1978 - 48	Sapsucker	Wh. Throat Sparrow	
January 1, 1979 - 14	Hairy Woodp.	Fox Sparrow	
January 1, 1980 - 12	Downy Woodp.	Swamp Sparrow	
January 1, 1981 - 18	Horned Lark	64. Song Sparrow	
January 1, 1982 - 20	Blue Jay	Common Snipe	
	Crow (30)	Shorteared Owl	
	B.C. Chickadee	Redpoll	
	Tufted Titmouse	Lapland Longspur	
	W.B. Nuthatch	Catbird	
	R.B. Nuthatch	Winter Wren	
	Creepers	Cedar Waxwing	
	Carolina Wren 36	Myrtle Warbler	







My 300th, Missouri Bird was Northern Shrike on Jan 17, 1971

300. Northern Shrike	1/17/71	320. Thayers Gull	1/8/78
301. Burrowing Owl	5/1/71	321. Yellow Rail	4/25/78
302. Hooded Warbler	5/6/71	322. Sabines Gull	10/3/78
303. European Tree Sparrow	6/1/71	323. Bronzed Cowbird	1/5/79
304. Fish Crow	6/2/71	324. Great Tailed Grackle	5/16/79
305. Road runner	6/5/71	325. Spragues Pipit	10/13/79
306. Painted Bunting	6/5/71	326. Groove-billed Ani	10/17/79
307. Surf Scoter	10/30/71	327. Bachmans Sparrow	5/19/80
308. Glaucous Gull	1/29/72	328. Parasitic Jaeger	9/24/80
309. Ruffed Grouse	4/8/72	329. Prairie Falcon	10/25/80
310. Black-legged Kittiwake	4/9/72	330. Fulvous Whistling Duck	6/3/81
311. Red Phalarope	5/13/72	331. Alder Flycatcher	5/23/82
312. Black Rail	5/24/72	332. Red-necked Grebe	1/9/83
313. Clarks Nutcracker	11/6/72	333. Band-tailed Pigeon	12/31/83
314. Black-headed Grosbeak	5/6/73	334. Slaty-backed Gull	1/2/84
315. Wild Turkey	9/5/73	335. Rufous Hummingbird	9/21/84

This year the American Ornithologist Union lumped several species of birds. They lumped Snow/Blue goose to make only Snow Goose. They lumped Red-tail/Harlan's hawks to make only Red tail. They lumped Gilded, Red-shafted & Yellow-shafted Flickers to make Common Flicker. They lumped Slate-colored, Oregon & White winged Juncos to make Dark-eyed Junco. By doing this I lost four species of my Missouri birds. I lost Blue Goose, Harlan's hawk, R.S. Flicker & Oregon Junco. I also lost Audubons Warbler and Bullocks Oriole on my out of state list

312. Mountain Bluebird	3/23/74	336. Varied Thrush	1/21/85
313. Black Scoter	10/25/74	337. Eurasian Wigeon	10/24/85
314. Snow Bunting	11/4/74	338. Great Black-backed Gull	11/8/85
315. Greater Prairie Chicken	3/14/75	339. Anhinga	8/9/86
316. Swainsons Warbler	5/31/75		
317. Hoary Redpoll	3/2/76		
318. Barnacle Goose	3/26/76		
319. Laughing Gull	5/8/77		

Memorandum

INTER-OFFICE

191-3

Ferruginous Hawk 10/2/70

DATE October 16, 1980

COPY

TO John Stroh

FROM Jim Doherty

RE: February/March National WILDLIFE

Dear John,

Here is our lineup for the February/March issue of National WILDLIFE.

1. Some spectacular color photos are in our 7-page feature REFUGE AT A CROSSROADS. The Bear River Migratory Bird Refuge, in Utah, helped in part by the Federation's support, is a full-time or temporary home for a variety of animals -- particularly water-birds. Excellent pictures here.

2. The history of carving on ivory includes a time when this remarkable art form was considered junk! In IVORY ARTISTRY OF YANKEE WHALERS we look at some beautiful examples of this work -- now illegal -- and trace some of the reasons for its development.
3. There are a number of animal rehabilitation groups springing up around the country, and not all of them are giving good care to sick or injured wildlife. In TO THE RESCUE, Peter Steinhart looks at some of these centers and tells what to look for.

4. IN DEFENSE OF THE ICE FISHERMAN is an amusing look at a serious business. Cold has little effect on the hardy breed who sit and wait for a nibble. Some have full-fledged homes -- with TV and heat! -- right on the ice. Surprising and interesting reading.

Our annual Environmental Quality Index appears in this issue with our evaluations of the changes in air and water quality, pollution levels, forest growth, pesticide impact -- and the full review we prepare each year. Not all the news is bad. I'm glad to note that this review is getting more popular with our Members all the time. Useful and necessary information.

There's more. ROCK TIME is a magnificent piece on the beauty and serenity 2 miles straight down. In the Grand Canyon. Some of the best writing and photography we've had. There is a good article on river otters, and one on the desert pig. Our front cover is a striking photo of an elk. A good issue.

Jim

Dear Member,
Don't miss this
issue. It's the
one after yours last
issue and enjoy it.
Jim

Colorado Birds that I do not have

Colorado
Birds by
Bailey &
Niedrach

Jim Lane &
Harold Holt
radius 50 mi
of Denver

Western
Colorado

1	yellow billed Loon	acc	acc	
2	Red throated Loon	rare	acc	
3	Mute Swan		feral birds	
4	Black Brant	acc.	acc.	acc.
5	Mexican Duck	acc.	acc	
6	Barrows Goldeneye	rare migrant	rare	acc.
7	Common Eider	acc	acc	
8	Swallow tailed Kite	acc	acc	
9	Gyrfalcon	acc	acc	acc
10	Blue Grouse	common	uncommon	common
11	Spruce Grouse	acc	~~rare~~	
12	Lesser Prairie Chicken	S. E. Colo.	resi. S.E.	
13	Sharp tailed Grouse	rare resident	rare	rare
14	Gambels Quail	common West		common
15	California Quail	Introduced		
16	Red legged Partridge	Introduced		
17	Gray Partridge	Introduced		uncertain
18	Esquimo Curlew	acc		
19	Pomarine Jaeger	acc.	acc	acc.
20	Long tailed Jaeger	acc.	acc	
21	Iceland Gull	acc	acc	
22	Western Gull	acc		
23	Ivory Gull	acc	acc	
24	Arctic Tern	acc	acc	
25	Ancient Murrelet	acc	acc	
26	Band tailed Pigeon	common resident	uncommon	uncommon
27	White-winged Dove	casual records	acc	acc.
28	Glaucous legged Owl	rare	acc	rare
29	Pygmy Owl	uncommon resident	rare	uncommon summer
30	Spotted Owl	acc	acc	uncertain
31	Boreal Owl	very rare		acc.
32	Lesser Nighthawk	acc		
33	Annas Hummingbird	com		acc.
34	Rufous Hummingbird	common migrant	common Aug-July	common July + Aug.
35	Calliope Hummingbird	uncommon summer resi.	acc	acc.
36	Rivoli's Hummingbird	uncommon summer visitor	acc	acc.
37	White-eared Hummer			acc.

	Colorado Birds. by Alfred M. Bailey & Nierbach uncom. resident	Radius of 50 mile of Denver Jim Lane	Birds of Western Colorado
38. Northern 3-toed Woodpecker		rare	rare
39. Olivaceous Olycatcher	acc		acc.
40. Beardless Olycatcher			acc.
41. Common Bushtit	Common S.W. Colo.	rare	Common
42. Bendires Thrasher	acc.		
43. Curve billed Thrasher	acc.	acc	
44. Varied Thrush	winter rare	rare	
45. Wheatear	acc.		
46. Phainopepla	acc	acc	
47. Gray Vireo	uncommon S.W.		Summer uncommon
48. Lucys Warbler	Summer Resident		acc.
49. Hermit Warbler		acc	
50. Townsends Warbler	regular migrant	migrant	rare Aug Sept
51. Painted Redstart	acc.	acc	acc
52. Hooded Oriole	acc.		acc.
53. Scotts Oriole	acc.		acc.
54. Hepatic Tanager	acc	acc	
55. Gray-crowned Rosy finch	Common winter uncommon	Common winter uncommon winter	Common winter Common winter
56. Black Rosy finch	winter uncommon	winter acc	acc.
57. Rufous Crowned Sparrow	South Common		uncommon Summer
58. Sage Sparrow	W. Colo.		acc.
59. Golden Crowned Sparrow	acc	acc	

		Each	years	total	species	of	birds	accumulative	month	by	month		
		January	February	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						for	Missouri						
1.	1952							22	31	32	32	37	40
2.	1953	10	14	21	42	69	70	71	71	78	94	102	105
3.	1954	34	40	75	100	133	136	141	143	146	154	154	157
4.	1955	37	46	72	85	117	118	120	131	147	156	160	162
5.	1956	35	59	91	140	185	188	189	193	197	205	207	208
6.	1957	36	61	88	127	148	148	150	155	159	167	168	170
7.	1958	47	53	82	134	182	183	188	192	195	200	201	202
8.	1959	45	61	88	132	188	193	198	199	201	203	204	205
9.	1960	50	52	59	111	179	182	185	193	200	207	210	214
10.	1961	58	74	94	167	197	205	206	209	213	218	218	218
11.	1962	50	63	94	158	197	203	203	204	212	215	218	220
12.	1963	57	64	113	158	210	215	220	229	236	242	247	249
13.	1964	64	76	110	171	218	223	227	234	238	239	240	240
14.	1965	62	72	95	157	223	224	225	228	233	239	241	243
15.	1966	72	76	105	147	215	221	224	226	231	234	237	238
16.	1967	80	90	119	177	231	235	239	244	246	253	253	253
17.	1968	51	60	104	134	224	231	236	238	243	246	246	250
18.	1969	64	77	108	169	230	240	243	245	246	250	253	253
19.	1970	62	83	101	166	225	232	235	238	244	247	249	249
20.	1971	64	78	102	167	229	250	252	259	260	266	267	269
21.	1972	72	80	105	190	238	240	244	244	244	248	255	257
22.	1973	52	53	81	139	192	198	206	207	213	219	225	228
23.	1974	57	79	107	165	214	221	221	225	229	234	236	238
24.	1975	53	64	102	158	236	238	238	239	239	242	250	250
25.	1976	64	82	102	156	225	230	232	232	232	234	237	238
26.	1977	54	74	108	150	198	204	212	216	218	227	232	232
27.	1978	75	80	105	168	227	233	235	236	238	242	245	245
28.	1979	48	57	101	142	208	212	214	215	223	235	238	239
29.	1980	72	80	104	155	226	229	232	236	240	245	248	250
30.	1981	81	90	107	172	214	220	220	224	228	229	235	239
31.	1982	60	79	117	162	226	229	231	232	238	239	248	249
32.	1983	85	93	110	163	211	216	216	218	223	227	231	233
33.	1984	57	73	94	146	195	199	200	202	214	221	229	231
34.	1985	44	59	92	141	195	198	198	198	208	216	228	225
35.	1986	73	84	115	182	206	208	208	217	221	229	231	233
36.	1987	63	81	92	170	200	201	201	203	205	212	213	

These are my Missouri Birds I missed in 1984
 * - will mark the ones I get in "85"

1. Arctic Loon
2. Western Grebe
3. Snowy Egret *
4. Louisiana Heron
5. Red-necked Grebe
6. Glassy Ibis
7. White Ibis
8. Flamingo
9. Whistling Swan *
10. Brant
11. Barnacle Goose
12. Fulvous Whistling Duck
13. Cinnamon Teal
14. Surf Scoter
15. Black Vulture
16. Mississippi Kite
17. Red shouldered Hawk
18. Ferruginous Hawk
19. Golden Eagle *
20. Merlin
21. Ruffed Grouse
22. Whooping Crane
23. Sandhill Crane
24. King Rail
25. Virginia Rail *
26. yellow Rail
27. Black Rail
28. Purple Gallinule
29. Piping Plover *
30. Snowy Plover
31. Ruddy Turnstone
32. Am. Woodcock
33. Long-billed Curlew
34. Whimbrel *
35. Red Knot

- Short-billed Dowitcher *
- Western Sandpiper *
- Buff-breasted Sandp.
- Marbled Godwit
- Sanderling *
- Am. Avocet *
- Black-necked Stilt
- Red Phalarope
- Northern Phalarope
- Parasitic Jaeger
- Laughing Gull
- Black-legged Kittiwake
- Sabine's Gull
- Common Tern *
- Least Tern
- Band-tailed Pigeon
- Rock Runner
- Groove-billed Ani
- Barn Owl
- Snowy Owl *
- Burrowing Owl
- Saw-whet Owl
- Chuck-will's Widow *
- Yellow-bellied Flyc.
- Acadian Flycatcher
- Willow Flycatcher
- Alder Flycatcher
- Fish Crow
- Clark's Nutcracker
- Carolina Wren
- Brewster's Wren
- Long-bill Marsh W. *
- Hermit Thrush
- Gray checked Thrush *
- Veery Thrush

- Mountain Bluebird
- Townsend's Solitaire
- Sprague's Pipit
- Schonian Wren
- Northern Oriole
- Prothonotary Warb.
- Swainson's Warbler
- Worm-eating Warbler
- Golden-wing Warb.
- Blue-winged Warb.
- Cape May Warbler
- Black-throated Blue W.
- Cerulean Warbler W.
- Yellow-throated Warb.
- Pine Warbler
- Prairie Warbler
- N. Water Thrush
- Connecticut Warbler
- Mourning Warbler
- Hooded Warbler
- European T. Sparrow *
- Bronzed Cowbird
- Black-headed Grosbeak
- Painted Bunting
- Evening Grosbeak
- Pine Grosbeak
- Hoary Redpoll
- Common Redpoll
- White-winged X-bill
- Dark Bunting
- Bairds Sparrow
- Leconte's Sparrow
- Sharp-tail Sparrow
- Bachmans Sparrow

	Birds for entire month of January	Birds Jan- 1st	Ave per Jan 1st	Ave. per Jan for month	
1953	1	10	X	X	10
1954	2	34	15	15	22
1955		37	12	13+	27
1956		36	19	15+	29+
1957		36	18	16	30+
1958		49	18	16+	33+
1959		44	17	16+	35+
1960		51	17	16+	37+
1961		59	38	19+	39+
1962		50	34	20+	40+
1963		58	33	22+	42+
1964		64	25	22+	44
1965		62	21	22+	45+
1966		74	43	23+	47+
1967		80	31	24+	49+
1968		51	8	23+	49+
1969		64	37	24+	50+
1970	1	77	50	25+	56+
1971		64	27	25+	57+
1972		72	30	26+	58+
1973		52	37	26+	58+
1974		57	15	26-	58+
1975		55	38	26+	58+
1976		64	47	27+	58+
1977		54	34	27+	58+
1978		75	43	28+	58+
1979		48	14	27+	58+
1980		72	12	27+	58+
1981		81	18	26+	59+
1982		62	20	26+	59+
1983		85	42	27+	60+
1984		57	31	27+	60+
1985		46	12	26-	60+
1986		73	34	27-	60+
1987			33		

Thursday January 1, 1987

1	Canada Goose	400		SQ
2	Snow Goose	5,000		SQ
3	Mallard	3,000		SQ
4	Black Duck	2		SQ
5	~~Canada~~ Pintail	10		SQ
6	Wigeon, American	2		SQ
7	Northorn Shoveler	60		SQ
8	Ring-necked Duck	15		SQ
9	Lesser Scaup	1		SQ
10	American Goldeneye	1		SQ
11	White-winged Scoter	1	maker	SQ
12	Red-tailed Hawk	15	Hy I 29 -	SQ
13	Bald Eagle	150	~~100~~ (100 a 50 in)	SQ
14	American Kestrel	2	K Hy	
15	Ring-necked Pheasant	1		SQ
16	Rock Dove	6	AR	
17	Horned ~~Owl~~ Owl	1		SQ
18	Common Flicker	4		SQ
	Common (Red-shafted) Flicker	1		SQ
19	Downy Woodpecker	3	X -	SQ
20	Blue Jay	5	X -	SQ
21	Common Crow	18	AR -	SQ
22	Black-capped Chickadee	6	X -	SQ
23	White-breasted Nuthatch	1		SQ
24	Sterling	200	AR - X -	SQ
25	House Sparrow	75	X -	SQ
26	Red-winged Blackbird	40		SQ
27	Great-tailed Grackle	30		SQ
28	Common Grackle	35		SQ
29	Cardinal	8	X -	SQ
30	Pine Siskin	1	X	
31	American Goldfinch	1	X	

- 32 Hark-eyed Junco 60 X - AR - SG
 33 Tree Sparrow 10 SG

Today was partly cloudy + nice. A bit chilly but most of the water area was open. Lois + I left home shortly after 9 AM + headed for Squaw Creek. We left there + headed back home at about noon. I spent most all afternoon watching football Bowl Games on television. Temperatures today were low 28° high 38°.

Friday January 21, 1987

- | | | | |
|----|------------------------|------|---------------------|
| 1 | Canada Goose | 1200 | PEL |
| 2 | Redtailed Hawk | 3 | AP - ER - PEL |
| 3 | Northern Harrier | 2 | PEL |
| 4 | American Kestrel | 8 | Hy36 - X - PEL |
| 5 | Ring-billed Gull | 14 | AP |
| 6 | Rock Dove | 200 | d.t. |
| 7 | Mourning Dove | 1 | near PEL |
| 8 | Red-bellied Woodpecker | 2 | PEL |
| 9 | Red-headed Woodpecker | 1 | PEL |
| 10 | Downy Woodpecker | 2 | X - PEL |
| 11 | Blue Jay | 6 | X - PEL |
| 12 | Common Crow | 180 | ER - Hy36 - PEL |
| 13 | Black-capped Chickadee | 5 | X - PEL |
| 14 | Tufted Titmouse | 1 | X |
| 15 | Starling | 150 | ER - Hy36 - X - PEL |
| 16 | House Sparrow | 35 | dt - X - PEL |
| 17 | Cardinal | 9 | X - PEL |
| 18 | Pine Siskin | 3 | X |
| 19 | American Goldfinch | 1 | X |
| 20 | Hark-eyed Junco | 25 | X - PEL |
| 21 | Tree Sparrow | 15 | PEL |

22 Harris Sparrow 3

PEL

Today was clear & nice. Temperatures today were low 18° high 42°. I rode with Lois this morning to her doctor's office & then took her car and drove to Pony Express Lake Wildlife Area a couple of hours birding. I got back home at 12 noon. I had to go to the Bank this afternoon & on the way home I drove up on Wyeth Hill from where I could overlook the Airport.

Saturday January 3, 1987

1	Pied billed Grebe	1	AP
2	Canada Goose	2	HL - ML
3	Snow Goose	3000	oh. ML - LC
4	Mallard	7	HL - AP
5	Gadwall	1	ML
6	Lesser Scaup	4	AP
7	American Goldeneye	20	AP
8	Common Merganser	30	ML
9	Red tailed Hawk	4	LC - AP
10	Red tailed (charlans) Hawk	1	AP
11	Bald Eagle	2 a	ML - AP
12	Northern Harrier	1	HL
13	American Kestrel	4	ML - LC - dt - AP
14	Rock Dove	135	d.t.
15	Red bellied Woodpecker	1	near MRL
16	Downy Woodpecker	1	X
17	Blue Jay	5	LC - X
18	Common Crow	125	ML - LC - AP
19	Black capped Chickadee	6	X - LC - AP
20	Ring billed Gull	15	HL - ML - AP
21	Starling	350	ML - LC - dt - X - AP
22	House Sparrow	75	ML - LC - X - AP

22	Meadowlark	5	near LC
23	Cardinal	9	LC - X
24	~~Red Robin~~ Junco	15	ML - LC - X
25	Pine Siskin	5	X
26	American Goldfinch	30	near LC - X
27	Tree Sparrow	25	ML - near LC

Today was cloudy all day with light rain and snow throughout the morning. Temperatures today were low 39° high 50°. I took a drive this morning down around Lake Contrary, Mud Lake, past Muskrat Lake & Horseshoe Lake. On my way down to the lakes I drove over to the water areas surrounding the St. Joseph airport property. I stayed home all afternoon watching football on television.

Sunday January 4/1987

1	Snow Goose	350	near ML
2	Mallard	7	HL
3	Common Merganser	160	ML
4	Red tailed Hawk	3	ML - HL
5	Bald Eagle	7 (5 ad - 2 im)	ML - HL
6	American Kestrel	1	X
7	Ring billed Gull	4	ML
8	Rock Dove	70	X - d.t.
9	Common Flicker	1	near ML
10	Red bellied Woodpecker	2	BW
11	Downy Woodpecker	3	X - BW
12	Blue Jay	4	X - BW
13	Common Crow	60	LC - ML - BW
14	Black capped Chickadee	8	BW - X
15	Tufted Titmouse	2	BW
16	Starling	200	ML - LC - X - d.t. - near BW
17	House Sparrow	140	ML - LC - X - near BW

18	Redwinged Blackbird	250		near BW
19	Cardinal	14	X	- ML - BW
20	American Goldfinch	3	X	
21	Pine Siskin	3	X	
22	Dark eyed Junco	30	X	- ML - near BW
23	Tree Sparrow	35		ML - BW

Today was pretty foggy this morning + warm for January. Cloudy all day. Temperatures today were low 24° high 48°. I took a drive this morning down through Bluff Woods and back by the lakes southwest of St. Joseph. I was home at 12:15 P.M. I watched football most all afternoon.

Monday January 5, 1987

1	Great Horned Owl	1		Nw. bvd
2	Red bellied Woodpecker	2	X	- Nw. bvd
3	Hairy Woodpecker	1		Nw. bvd
4	Downy Woodpecker	2	X	- Nw. bvd
5	Blue Jay	2	X	
6	Common Crow	3		Nw. bvd
7	Black capped Chickadee	9	X	- Nw. bvd
8	Tufted Titmouse	1	X	
9	White breasted Nuthatch	1		Nw. bvd
10	Starling	20	X	- Nw. bvd
11	House Sparrow	15	X	
12	Cardinal	5	X	- Nw. bvd
13	Pine Siskin	9	X	
14	Dark eyed Junco	15	X	

Today was cloudy most of the day. The temperatures were low 33° high 48°. I took a two hour walk this morning up in the hills along the boulevard behind my house. I just loafed around inside the house this afternoon.

Tuesday January 6, 1987

1	Pied billed Grebe	1	AP
2	Snow Goose	140	o.h. BW
3	Hadwall	1	AP
4	Northern Pintail	1	AP
5	Lesser Scaup	5	AP
6	American Goldeneye	60	AP
7	Common Merganser	8	AP
8	Red tailed Hawk	3	0 - BW - AP
9	Bald Eagle	3 (2a-1m)	AP
10	American Kestrel	7	d.t. - 0 - BW - AP
11	Ring billed Gull	100	AP
12	Rock Dove	50	0 - d.t.
13	Belted Kingfisher	1	AP
14	Red bellied Woodpecker	4	X - BW - AP
15	Downy Woodpecker	1	BW
16	Horned Lark	1	MAR
17	Blue Jay	5	X - 0
18	Common Crow	175	AP - X - BW - 0
19	Black capped Chickadee	8	BW - X
20	Tufted Titmouse	3	BW - X
21	White breasted Nuthatch	1	BW
22	Starling	200	0 - AP - d.t. - BW - X
23	House Sparrow	60	0 - AP - X
24	Red-winged Blackbird	400	MAR
25	Cardinal	2	BW - X
26	Pine Siskin	5	0
27	American Goldfinch	2	0
28	Dark eyed Junco	25	BW - X
29	Tree Sparrow	20	MAR - 0

Today was mostly cloudy, windy + cool. Temp. low 38° high 46.
I took Lois to work this morning + then birded north + east of town
then to Bluff Woods. This afternoon I birded just a bit at the
St. Joseph Airport.

Wednesday January 7, 1987

1	Downy Wood peeper	1	X
2	Black capped Chickadee	3	X
3	Blue Jay	2	X
4	Sterling	10	X
5	House Sparrow	14	X
6	Cardinal	5	X
7	Pine Siskin	1	X
8	American Goldfinch	1	X
9	Dove-eyed Junco	15	X

Today was cloudy, damp and Chilly. I worked outside for two to three hours today. I am trying to enclose an old well that is on my property. I have it closed off to children and most dogs with a heavy mesh wire. I also have vines growing on the wire throughout the year which actually hides it from view. But I have found that the mesh wire openings are large enough for our two Chihuahua dogs to get through. So now I am putting a much finer mesh wire on the outside of the heavy wire that is already there. Now nothing but small rodents + small birds can get through. Temperatures today were low 29° high 38°

Thursday January 8, 1987

1	Pied billed Grebe	1	AP
2	Canada Goose	500	SG
3	Snow Goose	150	SG
4	Mallard	4200	AP - SG
5	Black Duck	2	SG
6	Gadwall	1	AP
7	Northern Pintail	18	AP - SG
8	Green winged Teal	4	SG
9	American Wigeon	1	SG
10	Northern Shoveler	30	SG
11	Lesser Scaup	5	AP
12	Red tailed Hawk	26	AP - Hy I 29 - SG
13	Bald Eagle	est 100	SG
14	Northern Harrier	4	SG

one of these was the
white horned Owl that
Harry Rayson
saw
in December!

15	American Kestrel	6	0 - Hy I29 - AP
16	Ring necked Pheasant	4	SO
17	Ring billed Gull	8	AP
18	Rock Dove	25	d.t.
19	Mourning Dove	1	SG
→ 20	Great Horned Owl	6	Hy I29 - SG
21	Common Flicker	6	SG
22	Red bellied Wood pecker	2	X - SG
23	Downy Wood pecker	3	SG
24	Blue Jay	6	X - SG
25	Common Crow	300	Hy I29 - AP - SG
26	Black capped Chickadee	15	X - SG
27	White-breasted Nuthatch	1	SG
28	Brown Creeper	2	SG
29	Loggerhead Shrike	1	SG
30	Starling	750	X - Hy I29 - AP - d.t. - SG
31	Common Yellowthroat	2 (1 ad. ♂ - 1 ♀ or im)	SG
32	House Sparrow	50	AP - X - SG
33	Red winged Blackbird	15,000	SG
34	Rusty Blackbird	100	SG
35	Great tailed Grackle	100+	SG
36	Common Grackle	50	X - SG
37	Brown headed Cowbird	6	SG
38	Cardinal	17	AP - X - SG
39	Pine Siskin	35	AC
40	American Goldfinch	6	X - AC
41	Dark-eyed Junco	75	AP - SG - X - AC
42	Tree Sparrow	50	SG
43	Song Sparrow	3	SG

Temp. today
Low 15°
High 38°

Today was clear, cool & nice until about 2:30 P.M. & then it clouded up & was chilly the rest of the day. I drove over to the airport this morning but it was mostly frozen over. At 12 Noon I picked Lois up at work & we went to Squaw Creek. In one 10 mile drive around the main pool we counted 147 white tailed deer. In another partial drive around the same area, this time about 4 miles we counted 137 deer. We got home about 6:30 P.M.

Friday January 9, 1987

1	Common Flicker	1	X
2	Red bellied Woodpecker	1	X
3	Downy Woodpecker	1	X
4	Blue Jay	2	X
5	Black capped Chickadee	3	X
6	Starling	20	X
7	House Sparrow	16	X
8	Cardinal	6	X
9	Purple Finch	1	X
10	Pink Siskin	3	X
11	American Goldfinch	2	X
12	Dark eyed Junco	12	X

Today was cloudy + snowing all day, sometimes heavily. Temperatures today were low high.
The local news tonight says we had 5 inches of snow today. I am supposed to lead a birding tour of the St Joseph Area tomorrow of Kansas City birders.

Saturday January 10, 1987

1	Canada Goose	27	near LC
2	Snow Goose	300	near ML
3	Coopers Hawk	2 (1 ♂ - 1 ♀) going by size	KP
4	Red tailed Hawk	1	bvd
5	Rough legged Hawk	1 dark phase	BW
6	American Kestrel	1	near LC
7	Killdeer	1	LC
8	Rock Dove	60	KP - d.t.
9	Downy Woodpecker	1	X
10	Horned Lark	35	HL
11	Blue Jay	3	X - AC
12	Common Crow	85	ML - LC - KP - AC
13	Black capped Chickadee	6	X - KP - AC
14	Brown Creeper	1	AC
15	Golden-crowned Kinglet	1	AC
16	Starling	100	BW - ML - X - LC - KP - AC
17	House Sparrow	60	BW - LC - X - KP
18	Meadowlark (SP)	2	near LC

19	Redwinged Blackbird	30	oh. AC
20	Cardinal	12	BW - X - KP - AC
21	Pine Siskin	1	AC
22	Dark eyed Junco	60	KP - X - AC
23	Tree Sparrow	30	MRL - ML - LC
24	Lapland Longspur	1	near HL

Today was cloudy, windy & cold. The worst day this season to be outside was today and it was my day to lead the group of Kansas City Birders on a tour of our St Joseph birding spots. As it turned out I am glad we went through with it. They had left it up to me whether or not to go due to the weather. We didn't get many birds but there were several good ones. Five species were new for the year for me. I left home this a.m. at 8:00 and got back home at 3 P.M. I believe that we were out of the vehicles four hours of that time. I would guess we walked over three miles. There were six cars. Les Galloway, Ruth Galloway & I from St Joseph along with four cars & nice birders from Kansas City. The temperatures today were low 23° high 28°.

Sunday January 14, 1987

1	Rock Wren	10	d.t.
2	Downy Woodpecker	1	X
3	Blue Jay	2	X
4	Common Crow	6	s.e. of town
5	Black capped Chickadee	2	X
6	Tufted Titmouse	1	X
7	Starling	30	6c - X
8	House Sparrow	10	X
9	Cardinal	4	X
10	Pine Siskin	3	X
11	American Goldfinch	1	X
12	Dark eyed Junco	6	X

Today was clear & cold all day. The temperatures

today were low 9° high 37°. I just messed around home all morning and then at 1 P.M. Lois + I drove down to Salvino's Chicken Dinner Restaurant for a meal. We were attending a surprise dinner given for Ralph + Alice Jackson on their wedding anniversary. I believe their 48th. There were 12 of us there. They were Ralph + Alice Jackson, Ralph's older brother Martin Jackson + his wife Ann, Ralph's oldest child Judith Ann Brown + her husband Jim Brown, Ralph + Alice's youngest daughter Kay + her husband Bill Boyles, Ralph + Alice's son Lawrence (Buddy) Jackson + his girl friend Jeanie — and Lois + I. After the meal we all went to northwest St. Joseph to the home of Bill + Kay Boyles where we stayed + visited until about 7 P.M. when we came home.

Monday January 12, 1987

1	American Kestrel	1	X
2	Rock Dove	4	d.t.
3	Downy Woodpecker	1	X
4	Blue Jay	3	X
5	Black-capped Chickadee	3	X
6	Starling	10	X
7	House Sparrow	12	X
8	Cardinal	5	X
9	Pine Siskin	2	X
10	Dark-eyed Junco	8	X

Today was clear, warm for this time of the year and pleasant to be out doors. I was in and out quite often during the day. Temperatures were low 17° high 46°

Tuesday January 13, 1987

1	American Kestrel	1 ♂	X
2	Downy Woodpecker	1	X
3	Blue Jay	3	X
4	Common Crow	2	X
5	Black-capped Chickadee	2	X
6	Starling	6	X

7	House Sparrow	15	X
8	Cardinal	6	X
9	Pine Siskin	1	X
10	Black eyed Junco	8	X

Today was another beautiful day. It was clear + warm. Temperatures were low 21°, high 58°. Most of our two inches of snow has melted during these last two days. I was in + out of the house several times today.

Wednesday January 14, 1987

1	Mourning Dove	1	X
2	Downy Woodpecker	1	X
3	Blue Jay	3	X
4	Common Crow	1	X
5	Black capped Chickadee	3	X
6	Starling	5	X
7	House Sparrow	15	X
8	Cardinal	6	X
9	Pine Siskin	9	X
10	American Goldfinch	1	X
11	Black eyed Junco	8	X

Today was clear + pretty nice. Temperatures today were low 31° high 46°. I was in + out of the house a few times today. This evening I went out to Central High School for one of our Screen Four Lectures. It was presented by Steve Maslowski. Part of it was taken in Yellowstone National Park and the Grand Tetons. Larry and Chad went with me.

Thursday January 15, 1987

1	Canada Goose	3000	Sm.L.
2	Snow Goose	25000	B.L. area - Sm.L.
3	Mallard	8	ML - Sm.L.
4	Gadwall	1	ML
5	American Goldeneye	100	B.L. - Sm.L.
6	Common Merganser	500	ML - SL - Sm.L.

7	Red tailed Hawk	9	LC - SL - BL - Sm.L.
8	Bald Eagle	8 (3a-5, m)	ML - SL
9	Warrier	2	Sm.L.
10	American Kestrel	13	d.t. - ML - SL - BL - Sm.L.
11	Ring billed Gull	125	ML - SL - Sm.L.
12	Rock Dove	25	Sm.L. - d.t.
13	Downy Woodpecker	1	Sm.L.
14	9thorned Lark	30	Sm.L.
15	Blue Jay	6	X - SL - Sm.L.
16	Common Crow	75	LC - ML - SL - BL - Sm.L.
17	Black capped Chickadee	1	X
18	Loggerhead Shrike	3	near ML - BL - Sm.L.
19	Sterling	250	X - LC - ML - BL - Sm.L. - Hy 169
20	House Sparrow	200	X - near ML - SL - BL - Sm.L. - Hy 169
21	Meadowlark	3	near Sm.L.
22	Red winged Blackbird	25	near Sm.L.
23	Rusty Blackbird	1	near Sm.L.
24	Cardinal	30	X - LC - SL - BL - Sm.L.
25	Pine Siskin	1	X
26	Dark eyed Junco	35	X - ML - Sm.L.
27	Tree Sparrow	50	ML - BL - Sm.L.

Today was mostly cloudy, windy and chilly. Temperatures were low 27° high 36°. Lois took a drive today down to Smithville Lake & then across to Bean Lake area, Sugar Lake area & then on up by Mud Lake, Horseshoe Lake, Lake Contrary & home. We were home about 4 P.M.

Friday January 16, 1987

1	Mourning Dove	1	X
2	Red bellied Woodpecker	1	X
3	Downy Woodpecker	1	X
4	Blue Jay	3	X

5	Chickadee, Black-capped	4	X
6	Starling	10	X
7	House Sparrow	15	X
8	Cardinal	8	X
9	Pine Siskin	3	X
10	American Goldfinch	2	X
11	Black-eyed Junco	20	X

Today was cloudy, cold and snowing most of the day. Temperatures today were low 17° high 23°. The evening weather news predicts that during the next 24 hours we will have 6 inches or more of snow.

Saturday January 17, 1987

1	Mourning Dove	1	X
2	Red-bellied Woodpecker	2	X
3	Downy Woodpecker	1	X
4	Blue Jay	4	X
5	Common Crow	4	X
6	Black-capped Chickadee	3	X
7	Tufted Titmouse	2	X
8	Starling	25	X
9	House Sparrow	20	X
10	Cardinal	8	X
11	American Goldfinch	3	X
12	Black-eyed Junco	20	X

Today was cloudy, cold with snow off & on all day. Temperatures today were low 1° high 29°. This afternoon I went to the St. Joseph Civic Arena to attend the Sportsman's Show. I really enjoyed it. Larry & Chad attends many similar shows there but this was the first time I have been in the Arena. Our local Audubon Society had a booth there.

Sunday January 18, 1987

1	Mourning Dove	1	X
2	Hairy Woodpecker	2	X
3	Blue Jay	4	X
4	Black capped Chickadee	4	X
5	Tufted Titmouse	2	X
6	Starling	15	X
7	House Sparrow	20	X
8	Cardinal	7	X
9	Pine Siskin	3	X
10	American Goldfinch	2	X
11	Dark eyed Junco	12	X

Today was mostly cloudy + cold. Temperatures were low 15° high 28°. No more snow today but we did get a just a little during the night.

Monday January 19, 1987

1	Mourning Dove	1	X
2	Hairy Woodpecker	2	X
3	Blue Jay	3	X
4	Black capped Chickadee	2	X
5	Starling	6	X
6	House Sparrow	20	X
7	Cardinal	5	X
8	Pine Siskin	2	X
9	American Goldfinch	1	X
10	Dark eyed Junco	8	X

Today was clear + nice until noon and then cloudy all afternoon. Temperatures today were low 8° high 34°. I went to the lumber yard today to get some material to build a kitchen cabinet. For the material it cost me \$169²². Of course Lois will pay half of it and I will do the work.

Tuesday, January 20, 1987

1	Blue Jay	2	X
2	Black capped Chickadee	2	X
3	Tufted Titmouse	2	X
4	Starling	8	X
5	House Sparrow	15	X
6	Cardinal	4	X
7	Pine Siskin	1	X
8	Dark eyed Junco	12	X

Today was clear + nice. Temperatures today were low 8° high 34°. I spent all day today working at constructing the a new closet which will fit behind a door in our kitchen.

Wednesday January 21, 1987

1	Blue Jay	2	X
2	Black capped Chickadee	2	X
3	Starling	6	X
4	House Sparrow	15	X
5	Cardinal	3	X
6	Pine Siskin	1	X
7	~~White~~ Or. Goldfinch	1	X
8	Dark eyed Junco	7	X

Today was partly cloudy and not too cold. The temperatures were low 19° high 40°. I stayed in all day working on the cabinet/closet I am building

Thursday January 22, 1987

1	Blue Jay	2	X
2	Black-capped Chickadee	1	X
3	Tufted Titmouse	1	X
4	Starling	6	X
5	House Sparrow	15	X

6	Cardinal	5	X
7	Pine Siskin	1	X
8	American Goldfinch	1	X
9	Dark eyed Junco	10	X

Today was clear, a bit windy and cold. Temperatures were low 18° high 39° . I stayed in, working on my cabinet until almost 3 P.M. I have to go to a board meeting this evening at the St. Joseph Museum. It will be about for three hours I was so tired at 2:35 P.M. I put all my tools away, sat down + rested about half an hour then took my bath, put on my clothes that I will wear to the meeting this evening and now at 4 P.M. I am going to sit down and rest.

Friday January 23, 1987

1	Downy Wood pecker	1	X
2	Blue Jay	2	X
3	Black capped Chickadee	2	X
4	Starling	5	X
5	House Sparrow	12	X
6	Cardinal	4	X
7	American Goldfinch	1	X
8	Dark eyed Junco	7	X

Today was clear and cold. The temperatures were low 5° high 16° . I stayed in all day again working on my cabinet. It is all done now with the exception of varnishing the doors. I have it set up and it is already loaded, mainly with stuff that is used with cooking in making the meals.

Saturday January 24, 1987

1	Mallard Duck	2	LC
2	Red tailed Hawk	4	ML - LC
3	Bald Eagle	1 a	ML
4	American Kestrel	3	d.t. - ML - LC
5	Rock Dove	20	d.t.
6	Common Flicker	1	ML
7	Red bellied Woodpecker	1	X
8	Hairy Woodpecker	1	near LC
9	Downy Woodpecker	3	ML - X
10	Horned Lark	15	HL - ML - LC
11	Blue Jay	3	ML - X
12	Common Crow	10	LC - d.t.
13	Black capped Chickadee	5	AC - X
14	Brown Creeper	1	AC
15	Loggerhead Shrike	2	ML - near LC
16	Starling	45	LC - d.t. - X
17	House Sparrow	35	ML - LC - X
18	Cardinal	15	AC - X
19	Purple Finch	2 ♂	bvd
20	Pine Siskin	1	X
21	American Goldfinch	1	X
22	Dark eyed Junco	15	AC - X
23	Tree Sparrow	75	near ML - LC

Today was partly cloudy & cold. This morning I drove to the feed store & bought 100 lbs of developer grain & two lbs of raw peanuts, then to the lumber yard where I bought another pair of hinges, then down around Lake Contrary, Mud Lake, Muskrat Lake & Horse shoe lake, then back to town where I drove through Ashland Cemetery & then on home about noon where I stayed the rest of the day. The temperatures today were low 3° high 21°

Sunday, January 25, 1987

1	Red bellied Wood pecker	1	X
2	Downy Wood pecker	1	X
3	Blue Jay	2	X
4	Black-capped Chickadee	2	X
5	Tufted Titmouse	2	X
6	White-breasted Nuthatch	1	X
7	Starling	26	X
8	House Sparrow	15	X
9	Cardinal	6	X
10	Pine Siskin	2	X
11	American Goldfinch	4	X
12	Dark-eyed Junco	18	X

Today was partly cloudy & cold all day. The temperatures were low 7° high 20°. I stayed in all day. I was outside only long enough at times to put out food for the birds & squirrels.

Monday, January 26, 1987

1	Downy Wood pecker	1	X
2	Blue Jay	3	X
3	Black-capped Chickadee	2	X
4	Tufted Titmouse	2	X
5	Starling	30	X
6	House Sparrow	14	X
7	Cardinal	5	X
8	Pine Siskin	2	X
9	American Goldfinch	2	X
10	Dark-eyed Junco	15	X

Today was mostly clear & cold. Temperatures low 14° high 30°. I stayed in about all day.

Tuesday, January 27, 1987

1	Downy Wood pecker	1	X
2	Blue Jay	4	X
3	Common Crow	3	X
4	Black-capped Chickadee	3	X
5	Tufted Titmouse	1	X

6	Starling	35	X
7	House Sparrow	25	X
8	Cardinal	4	X
9	Pine Siskin	1	X
10	Dark eyed Junco	15	X

Today was clear, warm & nice. Temperatures today were low 20° high 46°. I worked quite a bit today at trying to unlog one of our sewer drains.

Wednesday January 28, 1987

1	Canada Goose	600	PEL
2	Snow Goose	100	PEL
3	Mallard	9	PEL
4	Red tailed Hawk	9	ER - PEL
5	American Kestrel	4	d.t. - ER - PEL
6	Rock Dove	175	d.t.
7	Mourning Dove	10	near PEL
8	Red headed Woodpecker	1	PEL
9	Downy Woodpecker	3	X - ER - PEL
10	Blue Jay	5	X - PEL
11	Common Crow	15	X - ER - Hy 36 - PEL
12	Black capped Chickadee	6	X - PEL
13	Tufted Titmouse	1	PEL
14	Loggerhead Shrike	2	ER - near PEL
15	Starling	200	X - ER - Hy 36 - PEL
16	House Sparrow	65	X - ER - PEL
17	Meadowlark (Sp)	20	Hy 36 - PEL
18	Red winged Blackbird	75	ER
19	Cardinal	6	X - PEL
20	Pine Siskin	1	X
21	American Goldfinch	1	X
22	Dark eyed Junco	10	X PEL
23	Tree Sparrow	8	PEL

Today was clear & nice. Temperatures today were low 20° high 46°. I drove to Pony Express Lake W. A. this morning and I worked most of the afternoon trying to unlog the sewer. So far no luck.

Thursday
~~Friday~~ January 29, 1987

1	Downy Woodpecker	1	X
2	Blue Jay	2	X
3	Common Crow	1	X
4	Black capped Chickadee	3	X
5	Starling	20	X
6	House Sparrow	12	X
7	Cardinal	5	X
8	Pine Siskin	3	X
9	American Goldfinch	1	X
10	Dark eyed Junco	10	X

Today was mostly clear + warm. The temperatures today were low 36° high 54°. I spent most of today working in my basement tearing out some old wooden kitchen cabinets that we have had in our basement for 35 years. I worked some more on the sewer but still do not have it opened up.

Friday January 30, 1987

Oh "Happy Day". This ~~morning~~ morning I finally got my sewer unclogged. That is really a relief.

1	Red tailed Hawk	2	AR
2	American Kestrel	2	AR
3	Downy Woodpecker	1	X
4	Blue Jay	1	X
5	Common Crow	8	AR - d.t.
6	Black capped Chickadee	3	X
7	Tufted Titmouse	1	X
8	Starling	125	AR - X
9	House Sparrow	30	d.t. - X
10	Cardinal	5	X
11	Pine Siskin	4	X
12	American Goldfinch	3	X
13	Dark eyed Junco	12	X

Today was just like yesterday. Clear + warm. Temperatures were low 38° high 50°. Lois' car was home + I had to take something to her so while out I took a 20 mile N.W. of town.

Saturday January 31, 1987

1	Snow Goose	125	near LC
2	Red tailed Hawk	2	near LC - AR
3	American Kestrel	3	AR
4	~~Common~~ Pheasant	1	near LC
5	Rock Dove	130	d.t.
6	Mourning Dove	1	X
7	Common Flicker	3	near LC - X
8	Red bellied Woodpecker	1	X
9	Downy Woodpecker	4	near LC - X
10	Blue Jay	3	X
11	Common Crow	20	near LC - AR
12	Black capped Chickadee	6	near LC - X
13	Tufted Titmouse	1	X
14	American Robin	4	near LC
15	Cedar Waxwing	18	near LC
16	Starling	150	AR - near LC - X
17	House Sparrow	35	near LC - X
18	Western Meadowlark	13	near LC
19	Red winged Blackbird	50	near LC
20	Cardinal	65	near LC - X
21	Pine Siskin	10	X
22	American Goldfinch	4	X
23	Dark eyed Junco	75	near LC - X
24	Tree Sparrow	30	near LC
25	Harrier Sparrow	4	near LC
26	White crowned Sparrow	5	near LC

Today was another nice day. The day was mostly clear + warm. The temperatures were low 25° high 54°. David Mead picked me up at 7:30 AM.

We drove to south St Joe where we met with a group of other birders. From there we went to an old evergreen nursery about half a mile from Lake Country. There were about eighteen of us. Our birding was finished at 10:15 AM.

after we had covered the nursery pretty good. I drove to Ashland Cemetery + then up the Amazonia Road through Amazonia + on to Savannah Mo + back home.