

# The 1983 Wisconsin Christmas Bird Counts

By William L. Hilsenhoff

For the first time in several years we had a heavy blanket of snow over all of Wisconsin for the Christmas Bird Counts. The snow, along with generally mild weather in November and early December produced ideal conditions for record bird counts, but this didn't happen. Just before the count period, cold air swept down from Canada and during most of the count period we had record cold. Most open water quickly froze, and this was reflected by low numbers of almost all species associated with water. The extreme cold cut short participation on many counts, 55 of which took place in sub-zero temperatures. This in turn caused a reduction in total party hours when compared to the last two years, although total party hours were close to the average for the last five years.

Six counts were not taken this year, perhaps because of the extreme cold. These included counts at Port Wing, Minoqua, Sturgeon Bay, Dancy, Grand Marsh, and Reedsburg. But the return of counts at Cloverland, Iron Belt, Three Lakes, and Kenosha, and new counts at Spencer, Tomah, and Green Lake more than made up for the loss. There were two overlapping counts in the Adams - Necedah area, the Adams count and the Petenwell Count. The Petenwell Count is not included in the summary because 18 of the 19 species that were found were reported in higher numbers on the Adams Count. The 50 Wild Turkeys on the Pentenwell Count, however, are worthy of special mention. There were 86 counts this year (Table 1 and Fig. 1), the most we have ever had in Wisconsin, and their details are reported in Table 2. Forty-two of these counts had 10 or more field observers, which is also a new high. However, there were six counts that should probably not have been included because they had less than the required 7 party hours, but on five of these counts the temperature never got above zero and the counts were terminated early because of the cold. A greater problem may be the inclusion of out-of-state birds on the Wisconsin Christmas Counts, which by tradition we have avoided. I know that the LaCrosse and Hudson counts include only Wisconsin birds, but also know that perhaps as many as 20% of the Beloit birds were seen in Illinois. We will make an effort next year to assure that only birds found in Wisconsin are reported in the **Passenger Pigeon**.

The results of the 1983 Christmas Bird Counts are tabulated in Tables 3 and 4. The latest A.O.U. checklist names and order have been used. Although the Whistling Swan is now the Tundra Swan, other name changes involving winter birds are relatively minor. The new order will take time to get used to. Most of the shifting is within families, but toward the end of the checklist the order of families has also been changed and sparrows come before blackbirds and finches.

The 1983 Christmas Counts are hard to assess, with many having a record or near record number of species and others being disappointing. The 131 species found statewide was exceeded in only three previous years. The 88 species found at Madison was only three short of the record for a single count, and the 74 species at Poynette was a new record for that count. Three other counts reported more than 60 species. Milwaukee had 69, Newburg 62, and Sauk City 61. Seven more counts had 50 or more species, while 26 of the counts reported 40 or more species.

There were several rarities observed, but the only species new to Wisconsin Christmas Counts was an Orange-crowned Warbler on the Woodland Dunes NE Count. It came regularly to a feeder where it fed on a "special concoction of food". A Townsend's Solitaire at Racine and 2 Spruce Grouse at Three Lakes represent only the second Christmas Count records for these species. The last Spruce Grouse sighting was in 1939, the year Christmas Bird Counts were first published in the **Passenger Pigeon**. Two other species were recorded for only the third time. These were a Double-crested Cormorant at Green Bay and a Sora at Madison. An Osprey at Shiocton was only the fourth record for that species. A Gyrfalcon at Gilman, an American Woodcock at Waukesha, and Wild Turkeys on five counts represent the fifth time these species have been seen on Wisconsin Christmas Counts. Wild Turkeys have become so well established in southwestern Wisconsin that I suspect we will continue to find them every year. Also deserving of special mention are a Common Yellowthroat at Madison and a Yellow-headed Blackbird at Horicon. Unfortunately several other rarities could not be included because of documentation that your Associate Editor and I agreed was inadequate. A group by group summary of the birds that were found follows.

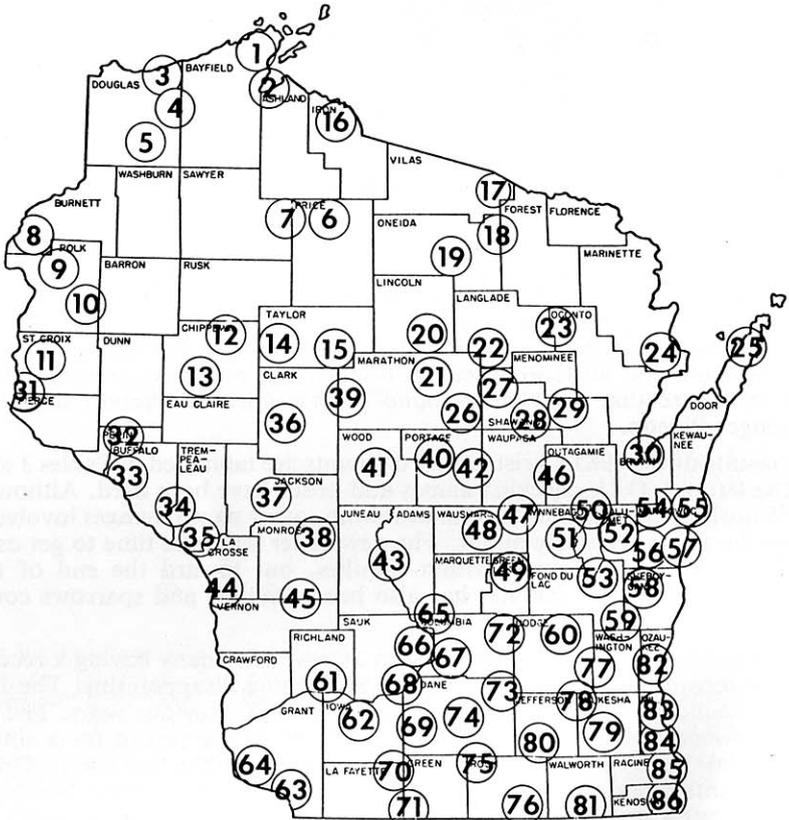


Figure 1. Locations of the 1983 Wisconsin Christmas Bird Counts.

**TABLE 1: Count, count number (Fig. 1), center of count area, and compiler.**

**Adams** (43); 1 mile S of Dellwood; Ted May, P.O. Box 676, Adams, WI 53910  
**Amherst** (40); Jct. Hwys. A & B; David Borchardt, P.O. Box 208, Amherst, WI 54406  
**Antigo** (22); City Library; Bernard Pickering, N. 1180 Sandy Rd., Antigo, WI 54409  
**Appleton** (47); Jct. Hwys. 125 & 10; David Fell, 834 Kay Kourt, Neenah, WI 54956.  
**Arcadia** (34); 1½ mi. S. of Arcadia on Hwy. J; Tom Roskos, Rt. 1, Box 201, Arcadia, WI 54612  
**Arpin** (41); Jct. Hwy. G & Oak Rd; Don Follen Sr., 9201 Rock Inn Rd., Arpin, WI 54410.  
**Ashland** (2); Jct. Hwys. 2 & 118; Dick Verch, Biology Dept., Northland College, Ashland, WI 54806  
**Baraboo** (66); Old International Crane Foundation; Ronald Sauey, Rt. 1, Box 230C, Baraboo, WI 53913  
**Bayfield** (1); Jct. Hwys. 13 & C; Albert Roy, 906 Water St., Ashland, WI 54806  
**Beetown** (64); Beetown; Terrence Ingram, Box 155, Apple River, IL 61001  
**Beloit** (76); Big Hill Park; John Brakefield, Rt. 2, Box 198, Evansville, WI 53536  
**Black River Falls** (37); Black River Falls; Dorothy Harmer, Rt. 1, Box 70, Black River Falls, WI 54615  
**Blanchardville** (70); 2½ mi SW of Blanchardville; David Willard, Bird Div., Field Museum of Natural History, Roosevelt Rd. at Lakeshore Dr., Chicago, IL 60605  
**Bowler** (27); 2 mi. W of Jct. Hwys. N & D; Jonathan Schedler, Rt. 1, Box 234C, Bowler, WI 54416  
**Brule** (4); Jct. Hwys. 27 & B; Bernard Klugow, Box 13, Brule, WI 54820  
**Cadiz Springs** (71); Cadiz Springs State Park; Mark Peterson, Box 53, Caroline, WI 54928  
**Caroline** (28); 1 mi. E of Caroline; Mark Peterson, Box 53, Caroline, WI 54928  
**Chippewa Falls** (13); Jct. Hwys. 178 & S; Charles Kemper, 733 Maple; Chippewa Falls, WI 54729  
**Cloverland** (3); Cloverland; Ronald and Julie Perala, Rt. 1, Box 204, Brule, WI 54820  
**Clyde** (62); Standart - Bill Sievert, 8430 W. Capitol Dr., Milwaukee, WI 53222  
**Cooksville** (75); Cooksville; John Wilde, Rt. 1, Box 480, Evansville, WI 53536  
**Cornelia** (63); Cornelia; Terréncé Ingram, Box 155, Apple River, IL 61001  
**Durand** (32); Jct. Hwys. 25 & DD 3 mi. N of Durand; Charles Kemper, Box 699, Chippewa Falls, WI 54729  
**Ephraim** (25); Hwy. A 3 mi. S of Hwy. 42; Roy & Charlotte Lukes, 3962 Hillside Rd., Egg Harbor, WI 54209  
**Fifield** (6); Fifield Post Office; Tom Nicholls, 2160 Draper Ave., Roseville, MN 55113  
**Fond du Lac** (53); Jct. Tower & Cody Rds.; 6 miles NE of Fond du Lac; Thomas Schultz, Route 2, Box 23, Green Lake, WI 54941  
**Fort Atkinson** (80); Jct. Main & Water Sts; Richard Wanie, 4 Lee Dr., Fort Atkinson, WI 53538  
**Fremont** (47); Jct. Hwys. I & HH; Daryl Tessen, 2 Pioneer Park Place, Elgin, IL 60120  
**Gilman** (14); 1¼ mi. W of Miller Dam; Sam Robbins, 512 E. Broadway, Medford, WI 54451  
**Grantsburg** (8); Jct. Hwys. 70 & 48; Clarence Wagman, P.O. Box 166, Grantsburg, WI 54840  
**Green Bay** (30); Jct. Allouez Ave. & S. Webster Ave.; John Jacobs, Neville Public Museum, 210 Museum Place, Green Bay, WI 54303  
**Green Lake** (49); Jct. Hwy. J and Swamp Rd.; Thomas Schultz, Rt. 2, Box 23, Green Lake, WI 54941  
**Hales Corners** (84); Jct. Puetz Rd. & Old Hwy. 41; Harold Bauers, 2846 N. 84th St., Milwaukee, WI 53222  
**Hartford** (77); Hartford; Norma Schmidt, 450 Seventh St., Hartford, WI 53027  
**Holcombe** (12); Chippewa-Rusk Co. line 1 mi. E of Hwy. 27; Charles Kemper, Box 699, Chippewa Falls, WI 54729  
**Horicon** (60); Jct. Main Ditch & Main Dike in Refuge; Dottie Thompson, Horicon National Wildlife Refuge, Rt. 2, Mayville, WI 53050  
**Hudson** (31); Afton, MN; Boyd Lien, 5148 29th Ave. S, Minneapolis, MN 55417  
**Iron Belt** (16); Iron Belt; Mrs. Mary Butterbrodt, Box 332, Montreal, WI 54550

**TABLE 1. (Continued).**

- Joel** (10); Joel; Neil Nilssen, Rt. 1, Box 1D, Clear Lake, WI 54005
- Kenosha** (86); Hwy. 158 1 mile E of I-94; Ron Hoffmann, Box 886, Kenosha, WI 53141
- Kettle Moraine** (59); Hwy. DD E. of Campbellsport on Auburn L.; Bill Volkert, Rt. 3, Box 35, Campbellsport, WI 53010
- Kickapoo Valley** (45); Jct. Hwys. 131 & T; Eric Epstein, Rt. 2, Box 100, Norwalk, WI 54648
- LaCrosse** (44); (LaCrosse Co. Courthouse); Fred Leshner, 509 Winona St., LaCrosse, WI 54601
- Lake Geneva** (79); 42° 27' N, 88° 30' W; G.M. Culp, Rt. 3, Box 1, Lake Geneva, WI 53147
- Lakewood** (23); Jct. Hwy. T & FR 2117; John Woodcock, 1718 Cedar Grove Dr., Apt. 3A, Manitowoc, WI 54220.
- Luck** (9); Jct. 180th St. & 180th Ave.; Howard Jorgenson, Rt. 2, Luck, WI 54853
- Madison** (74); State Capitol; Randy Hoffman, 504 Marguerite St., Waunakee, WI 53597
- Medford** (15); 1½ mi. NE of Whittlesey; Sam Robbins, 512 E. Broadway, Medford, WI 54451
- Merrill** (20); NE corner of S-31, NW of Merrill; Alan Rusch, 3342 Westview Lane, Madison, WI 53713
- Milwaukee** (83); Jct. Port Washington Rd. & Hampton Ave; Jim Frank, 5442 N. Bay Ridge, Whitefish Bay, WI 53217
- Mount Horeb** (69); Mount Horeb; Bette Johnson, Rt. 1, Blue Mounds, WI 53517
- Nelson** (33); (not given); Charles Kemper, Box 699, Chippewa Falls, WI 54729
- Newburg** (82); Jct. Hwy. 33 & Lakeland School Rd.; Nancy Siegel, Riveredge Nature Center, Box 26, Newburg, WI 53060
- New Richmond** (11); 2 mi. E of Boardman; Joseph Merchak, 231 13th St. S., Hudson, WI 54016
- Oconomowoc** (78); Not given; Edward Peartree, 36516 Lisbon Rd., Oconomowoc, WI 53066
- Oshkosh** (51); Jct. Hwys. 21 & 41; Thomas Ziebell, 1671-A Michigan St., Oshkosh, WI 54901
- Oxbo** (7); Jct. Hwys. 70 & EE; Maybelle Hardy, Rt. 1, Box 263, Park Falls, WI 54552
- Peshtigo** (24); Harmony Corners; Harold Lindberg, 311 Emery Ave., Peshtigo, WI 54157
- Phelps** (17); Jct. FR 2199 and FR 2533 2 miles S. of Phelps; Bill Reardon, 7848 Hwy. D, Eagle River, WI 54521
- Pike Lake** (26); Bevent; Jeff Javorek, 903 South C.T.H. X, Mosinee, WI 54455
- Plymouth** (58); Jct. Hwys. 23 & C; Harold Koopmann, 415 Caroline St., Plymouth, WI 53073
- Portage** (65); Hwy. 51 2 mi. S of Marquette Co.; W.D. Brown, 225 W. Lakeside St., Madison, WI 53715
- Poynette** (67); Jct. Hwys. 51 & CS; Mark & Sue Martin; Goose Pond Sanctuary, Rt. 1, Box 128A, Arlington, WI 53911
- Racine** (85); Hwy. H ½ mi. S of Hwy. K; Joy Joslyn, 1306 Hayes Ave., Racine, WI 53405
- Randolph** (72); Hwy. P midway between Cambria & Randolph; Charles Gilmore, 246 North High St., Randolph, WI 53956
- Rhineland** (19); Jct. Brown & Davenport Streets; Guy David, Star Rt. 2, Box 980, Rhineland, WI 54501
- Richland Center** (61); Jct. Hwys. O & OO SE of Richland Center; Robert Hirschy, U.W. Center-Richland, Richland Center, WI 53581
- Sauk City** (68); 2 mi SE of Witwen; Kenneth Lange, Devil's Lake State Park, Baraboo, WI 53913
- Shawano** (29); 2 mi. S of Shawano; Mark Peterson, Box 53, Caroline, WI 54928
- Shiocton** (46); Jct. Hwys. M & 54; James Anderson, MHNC, Rt. 1, Rogers Rd., New London, WI 54961
- Solon Springs** (5); Jct. Hwys. 53 & M; Bernard Klugow, Box 13, Brule, WI 54820
- Spencer** (39); Jct. Hwys. 153 and F; Janice Luepke, Rt. 2, Spencer, WI 54479
- Stevens Point** (40); Old Main at UW-Stevens Point; Michael Rewey, 2024 Clark St., Stevens Point, WI 54481
- Stockbridge** (52); Klotten Swamp, 3 mi. SE of Stockbridge, Ronald Zahringer, N5514 Long Rd., Hilbert, WI 54129
- Sun Prairie** (73); Hwy. 151 3 mi. S of Columbia Co., W.D. Brown, 225 W. Lakeside St., Madison, WI 53715
- Three Lakes** (18); 6 miles E. of Three Lakes, Bill Reardon, 7848 Hwy. D, Eagle River, WI

## TABLE 1. (Continued).

**Tomah** (38); 1 ¼ miles E of Jct. Hwys. 12 and O; Eric Epstein, Rt. 2, Box 100, Norwalk, WI 54648

**Trempealeau** (35); Jct. Hwy. K and Cemetery Rd. in Trempealeau; Curt Wilda, Marinuka Dr., Galesville, WI 54630

**Waukesha** (79); Jct. Brookhill Rd. (old Hwy. ZZ) and Hwy. D; John Bielefeldt, 5357 Hwy. ZC, Dousman, WI 53118

**Wausau** (21); Thomas St.; Mrs. David Bierbrauer, 1611 9th St., Wausau, WI 54401

**Wautoma** (36); Mount Morris; Delbert Greenman, Rt. 1, Box 263, Redgranite, WI 54970

**Willard** (36); 1 mi. E and 1 ½ mi. S of Willard; Sam Robbins, 512 E. Broadway, Medford, WI 54451

**Woodland Dunes** (54-57); not given; Bernard Brouchoud, Woodland Dunes Nature Center, P.O. Box 763, Manitowoc, WI 54220

**Swans and Geese:** The reduced amount of open water caused a severe decrease in Canada Goose numbers and a less significant decline in the numbers of both species of swans.

**Duck and Mergansers:** A flock of more than 5000 Greater Scaup at Milwaukee pushed the total for this species above normal, but numbers of other ducks and mergansers were well below normal, probably due to the freezing of most water habitats.

**Hawks and Eagles:** Last winter we had a record invasion of Northern Goshawks, and this year we had another invasion that surpassed last year's record. The other two Accipters were also numerous, especially Cooper's Hawks. Northern Harriers and Bald Eagles also were seen in record numbers. With most rivers solidly frozen, except below dams, the eagles concentrated in these open water areas and were easy to count. American Kestrels were also found in somewhat higher numbers than normal, but numbers of Red-tailed and Rough-legged Hawks were lower.

**Grouse, Pheasants, etc.:** Ruffed Grouse are hard to find when there is a lot of snow, and this year was no exception. Their numbers were 62% below the average for the last five years, reflecting not only effects of the snow but also a decline in the population. Snow, on the other hand, makes it easier to find Ring-necked Pheasants and Gray Partridges. As expected, Gray Partridge numbers were well above normal, but numbers of Ring-necked Pheasants were down, which suggests a population decline in this species. The Northern Bobwhite population seems to improve, and the 1983 count was the highest since 1965.

**Gulls:** The biggest news about gulls was the record number of Bonaparte's Gulls, with 2682 seen at Milwaukee. Ring-billed Gulls were also more numerous than usual, but Herring Gull numbers were well below the average of the last five years. Only one Glaucous Gull was seen, fewer than in recent years.

**Owls:** Numbers of the three resident owls were close to normal, but all species that usually migrate south from Canada were scarce. Only two Snowy Owls were seen, the fewest since 1972, and the usually wide spread Long-eared Owl was not found on any count. This is the first time since 1946 that this has happened.

**Common Feeder Birds:** Most species that commonly feed at feeders were 20-45% more numerous than usual, probably because the heavy snow en-

couraged them to take advantage of human hospitality. Included among these species are the Mourning Dove, Red-bellied and Hairy Woodpeckers, Blue Jay, Black-capped Chickadee, Red- and White-breasted Nuthatches, American Tree Sparrow, Dark-eyed Junco, Purple Finch, and American Goldfinch. Numbers of the Northern Cardinal were even higher, being 88% above the average for the previous five years. Among feeder birds, only the Tufted Titmouse was less common, continuing a decline that began about 1966.

**Woodpeckers:** As would be expected when there is a good acorn crop, numbers of Red-headed Woodpeckers were well above normal. Most interesting is the continued expansion of the Red-bellied Woodpecker population; for the fourth consecutive year record numbers were reported on the Wisconsin Christmas Counts. There were also record numbers of Northern Flickers, and the 19 Yellow-bellied Sapsuckers represent the highest total since 1971. Only Pileated Woodpeckers were less common, perhaps because heavy snow restricted our penetration of their deep-woods habitat.

**Larks, Longspurs, and Buntings:** Heavy snow forces these open country species to roadsides and manure spreads, making them easy to find, but only Horned Larks were much more common than usual. Lapland Longspurs and meadowlarks were less common, probably because they migrated farther south to avoid the snow.

**Crows and Ravens:** Numbers of both the Common Raven and American Crow were down.

**Creepers and Kinglets:** Both Brown Creepers and Golden-crowned Kinglets were found in well below normal numbers.

**Thrushes:** It was a great Christmas Count for thrushes, with a Townsend's Solitaire, 2 Varied Thrushes, 12 Eastern Bluebirds, and record numbers of Hermit Thrushes and American Robins.

**Shrikes and Waxwings:** Compared to the previous two counts when Northern Shrikes were unusually abundant, this was a very poor year. There was an excellent invasion of Bohemian Waxwings into the northern half of the state, and Cedar Waxwings were present throughout the state in somewhat higher numbers than usual.

**Sparrows:** While numbers of Song Sparrows and especially White-throated Sparrows were exceptionally high, all the less common species occurred in about the usual numbers.

**Blackbirds:** Numbers of all species of blackbirds were very low.

**Finches:** For the second year in a row both species of crossbills were virtually absent. Pine Grosbeaks invaded only the far north, and Common Redpolls came somewhat farther south, but numbers of both species were more than 50% below the average for the last five years. On the positive side, numbers of Pine Siskins were up somewhat throughout the state and there was an excellent invasion of Evening Grosbeaks into the northern three-fourths of the state.

There were three additional species seen during the count period but not on the day of the count. These were a Common Loon at Madison, Long-eared Owls at Madison and Kettle Moraine, and a Gray Catbird at Green Bay. Also at Milwaukee Mallard X American Black Duck and Mallard X American Wigeon hybrids were seen.

TABLE 2. Details of the Counts.

Name of Count	Date	Hours		Sky	Snow (in)	Wind	Temp. °F		Feder Observers	Field Observers	Field Parties	Total Field Party Hours	Hours Obs. Listening
		A.M.	P.M.				Low	High					
Adams	D-17	6:00-4:00		Fair-PC1	12	W 5	-8	2	1	6	3	20	1
Amherst	D-17	8:00-4:30		MCL-PC1	15	WNW 5-15	-15	8	3	14	6	172	0
Antigo	D-18	9:00-3:00		Fair	14	NNW 7-15	-25	-12	4	9	4	6	0
Appleton	D-17	6:15-4:30		Fair	8	NW 10-20	-3	10	0	18	8	50	0
Arcadia	D-18	5:00-4:00		Fair	8	NW 0-5	-26	-12	0	4	2	16	1
Arpin	D-17	6:30-4:00		Fair	12	WNW 10-15	-15	-10	5	3	1	94	1
Ashland	D-17	8:00-4:30		Fair	27	N 3-10	-11	3	0	12	4	30	0
Baraboo	D-26	6:30-5:30		PC1	2	W 10	-8	13	1	13	3	204	1
Bayfield	D-18	8:30-4:00		Fair-Cloudy	23	NNW 10-15	-21	-10	2	3	2	104	0
Bestown	D-17	7:30-5:30		Fair	8	NW 10-25	-10	10	1	11	6	55	0
Beloit	D-17	7:00-5:30		Fair	7	N 5-10	-5	0	3	13	7	40	0
Black River Falls	D-29	5:30-6:30		Fair	15	W 8-10	-8	0	26	1	1	4	2
Blanchardville	D-18	6:30-4:45		Fair	10	NW 5-10	-18	-4	0	4	2	18	1
Bowler	D-30	6:00-3:30		Fair	11	N 5	-7	8	9	2	2	10	0
Brule	D-19	5:00-6:00		Fair	38	SW 5	-44	-8	7	6	4	20	3
Cadiz Springs	J-1	6:45-4:15		Snow	12	SE 0-10	20	25	0	1	1	3	0
Caroline	D-18	7:00-4:30		Fair	12	WNW 5-15	-24	-10	16	1	1	3	0
Chippewa Falls	D-26	7:00-4:30		Fair	17	SSW 5-15	-5	15	0	5	3?	24	0
Cloverland	D-26	7:30-5:00		Cloudy	29	N 15-20	9	18	1	2	1	9	1
Clyde	D-31			Cloudy-MCL	10	SW 10-12	18	25	1	7	2	84	2
Cooksville	J-1	7:00-5:00		Cloudy	12	SSE 0-5	10	23	2	2	1	8	1
Cornelia	D-18	7:30-5:00		PC1	7	NW 10-20	-10	15	0	10	5	40	0
Durand	D-17	7:00-3:30		Fair	10	N 1-10	-10	-1	0	11	4	36	0
Ehrhram	D-17	7:00-4:00		Cloudy	8	NW 20-30	12	14	45	14	8	374	0
Elfield	D-26	8:00-4:00		Cloudy	12	SW 5-15	0	10	12	6	4	164	0
Font du Lac	D-17	6:30-4:00		Fair	8	N 5-15	-2	5	0	21	5	32	0
Fort Atkinson	D-18	7:00-4:00		Fair	6	N 5-15	-14	-6	4	11	5	23	0
Fre蒙特	D-27	6:15-4:15		MCL	10	SSW 3-10	8	18	0	2	1	9	1
Gilman	D-27	6:15-4:45		Snow	15	E 2-5	7	15	2	4	2	16	1
Grantsburg	D-17	8:00-4:00		PC1-Fair	20	NW 8-10	-22	-12	1	13	5	34	0
Green Bay	D-17	6:00-5:00		Fair	5	WNW 10-15	-4	9	5	25	13	49	1
Green Lake	D-31	7:00-2:45		Cl-Snow	7	SW 5	15	20	0	13	5	212	0
Hales Corners	D-18	6:00-4:30		Cloudy-PC1	4	W 6-12	-9	-7	0	14	8	274	14
Hartford	D-29	6:30-4:00		Fair	13	N 0-5	-14	0	4	6	3	16	1
Holcombe	D-28	7:30-4:00		PC1	18	WSW 5-15	-8	5	0	8	3	23	0
Horicon	D-17	7:30-4:30		Fair	8	NW 0-8	-2	6	0	14	4	32	0
Hudson	J-1	7:25-5:00		Cloudy	25	SE 6	10	18	1	6	4	151	0
Iron Belt	D-31	8:00-3:00		Fair-Cloudy	20	SSW 8-10	10	20	1	3	2	9	0
Joel	D-17	6:30-2:30		Fair	14	NW	-15	6	6	3	2	8	0
Kenosha	D-26	7:00-5:00		Fair	4	WSW 12-25	-4	15	3	15	6	424	0
Kettle Moraine	D-29	7:00-4:15		Fair	3	NW 10-18	3	7	4	9	3	17	0
Kickapoo Valley	D-31	8:15-4:15		Cloudy-Fair	7	SW 5-20	22	32	0	5	3	124	1
Lake Geneva	D-17	6:00-4:30		Cloudy	7	WNW 5-15	-18	-3	0	29	12	604	0
Lakeview	J-2	6:00-5:00		Cloudy	17	SW 1-3	30	36	3	12	6	60	1
Lakewood	D-31	7:30-4:30		Cloudy	15	SW 0-10	12	21	0	1	1	9	0
Luck	D-17	7:30-5:00		Fair	24	W 10-15	-20	-3	14	7	2?	5	1
Madison	D-17	2:00-5:00		Fair-PC1	11	NW 6-14	-6	4	0	63	28	190	22
Madford	D-29	6:45-4:30		Fair	15	W 5-20	-15	2	0	13	5	374	1
Merrill	D-27	7:30-5:15		MCL	11	SW 5-15	11	16	0	2	1	94	1
Milwaukee	D-17	6:00-5:00		Fair	4	NW 15	1	6	4	23	13	82	2
Mount Horeb	J-2	7:30-4:45		Cloudy	11	S 5	25	30	11	11	7	28	2
Nelson	D-31	7:30-3:30		PC1-MCL	10	S 0-5	10	25	0	11	5	42	0
Newburg	D-17	12:01-4:30		Fair	6	SW 5-15	-5	5	15	68	20	147	13
New Richmond	D-17	7:30-4:30		Fair	19	SW 4-10	-17	-2	0	6	3	25	0
Oconomowoc	D-18	6:00-3:00		Fair	5	NW 5-10	-10	-7	9	14	4	304	4
Oshkosh	D-17	7:00-4:30		Fair-PC1	10	NW 10-18	-2	5	2	16	9	50	0
Oxbo	D-18	7:00-4:00		Fair	12	NW 2	-30	-10	8	5	3	8	0
Peshigo	D-31	7:30-4:30		Cloudy	8	SW 0-2	12	25	0	6	3	25	0
Phelps	D-17	8:30-3:30		PC1	14	N 5	-5	5	6	2	2	10	0
Pike Lake	D-18	8:00-3:00		Fair	9	NW 13	-10	2	0	3	1	7	0
Plymouth	D-17	7:00-5:00		Fair	3	NW 4-15	-2	6	7	6	4	24	0
Portage	D-22	10:00-5:00		Fair	10	W 15	-15	0	1	3	1	7	0
Portnette	D-18	6:00-5:15		Fair	12	N 8	-15	-3	8	18	9	531	2
Racine	D-17	7:00-4:45		MCL-PC1	2	N 4	1	8	2	18	7	43	0
Randolph	D-31	6:00-4:30		Cloudy-MCL	8	SW 5-12	12	17	0	1	1	94	1
Rhineland	D-17	7:30-4:00		Fair	14	N 10	-10	-2	21	3	1	5	0
Richland Center	D-17	7:00-5:00		Fair-PC1	17	N 1-5	-11	-2	2	35	16	70	0
Sauk City	D-31	5:15-5:15		Cloudy-PC1	12	SW-NE 5-10	6	22	2	26	10	84	31
Shawano	D-17	6:30-4:30		PC1-Fair	12	WNW 5-10	0	10	25	11	7	30	1
Shiocton	D-22	8:00-4:30		Fair	12	N 7-12	-8	-3	2	5	3	21	0
Solon Springs	D-22	6:00-4:00		Fair	21	SW 12	-23	-10	8	3	3	18	1
Spencer	D-26	7:00-5:00		Cloudy	16	SW 0-10	-1	10	6	13	5	222	0
Stevens Point	D-17	7:30-4:25		MCL-PC1	9	WNW 5-15	-12	0	2	25	10	51	0
Stockbridge	D-18	7:00-5:00		Fair	10	W 10-15	-19	-2	6	8	6	204	0
Sun Prairie	D-19	9:00-4:00		Fair	7	NW 7	0	20	1	1	1	7	0
Three Lakes	D-31	8:30-4:30		Cloudy-PC1	12	SE 5	10	20	16	1	1	8	0
Tomah	D-18	8:00-4:00		Fair	6	NW 5-10	-20	-10	4	9	4	154	0
Trempealeau	D-26	7:00-5:00		Cl-Snow	10	SSW 5-10	0	15	10	16	8	79	1
Waukesha	D-17	5:15-5:30		PC1	3	N 5-15	3	12	4	15	8	65	6
Wausau	D-18	8:00-4:30		Fair	14	NW 15-20	-22	-12	8	12	7	43	0
Wautoma	D-29	5:45-5:30		Fair	6	NW 15-20	-14	2	18	11	8	244	1
Willard	D-31	6:15-6:15		Cloudy-PC1	12	S 5	12	26	0	14	5	26	1
Woodland Dunes N	D-26	7:30-3:00		Cloudy-Fair	13	N 5-8	11	21	0	14	3	173	0
Woodland Dunes NE	J-1	6:00-3:30		Cloudy	8	W 0-5	20	26	0	12	7	194	0
Woodland Dunes SW	D-17	6:00-4:00		Fair-PC1	7	WNW 5-15	-6	8	13	10	10	254	1
Woodland Dunes SE	D-18	6:00-4:00		Fair	3	WNW 10-15	-14	-8	12	12	7	321	0

**TABLE 3. The 60 most common species - Southeast Wisconsin.**

Species	Beloit	Hartford	Oconomowoc	Waukeesa	Ft. Atkinson	Lake Geneva	Newburg	Milwaukee	Hales Corners	Bacine	Kenosha	Total Species	Total Individuals	Percent Change Last 5 Years
	76	77	78	79	80	81	82	83	84	85	86			
Canada Goose	45	..	26	107	650	5	33	389	48	758	1	28	3734	- 87%
American Black Duck	1	..	7	22	6	3	7	75	..	277	..	30	945	- 33%
Mallard	489	..	330	210	145	195	157	815	9	450	79	53	13803	- 43%
Common Goldeneye	3	..	*	3	..	4	26	333	31	11	71	37	1658	- 52%
Common Merganser	10	..	*	..	..	..	43	6	1	10	27	34	938	- 59%
Sald Eagle	..	..	..	..	..	..	..	1	..	*	*	35	469	+200%
Northern Harrier	2	..	..	2	1	2	4	..	..	..	1	20	28	+109%
Sharp-shinned Hawk	2	..	..	1	..	..	3	1	..	1	..	22	34	+ 39%
Cooper's Hawk	1	..	*	1	..	1	..	1	..	..	1	23	30	+ 22%
Northern Goshawk	..	..	1	..	..	..	3	3	2	..	*	32	54	+193%
Red-tailed Hawk	3	9	10	9	11	9	19	3	3	6	13	56	569	- 22%
Brown-legged Hawk	..	..	2	3	..	3	5	4	1	3	5	51	231	- 10%
American Kestrel	16	2	6	6	2	4	13	6	1	4	4	53	439	+ 24%
Gray Partridge	..	38	10	..	..	8	43	3	..	..	..	28	675	+ 73%
Ring-necked Pheasant	14	1	15	5	11	9	18	19	4	1	1	43	452	- 30%
Ruffed Grouse	..	..	..	..	..	..	9	..	..	..	..	45	162	- 62%
Herring Gull	..	..	..	3	..	..	86	2431	26	1054	58	19	5244	- 30%
Rock Dove	236	231	160	178	61	54	942	563	64	539	165	77	15690	- 24%
Mourning Dove	307	34	93	281	86	159	370	417	56	285	136	72	6881	+ 25%
Eastern Screech-Owl	1	1	..	3	..	..	4	..	5	..	..	16	55	- 2%
Great Horned Owl	3	2	4	8	1	1	7	4	2	1	1	51	189	- 3%
Barred Owl	..	..	..	..	..	..	6	1	..	..	..	32	63	- 8%
Scaled Kingfisher	..	..	1	3	..	..	2	..	..	..	..	23	37	- 39%
Red-headed Woodpecker	3	2	..	1	1	28	10	6	..	4	2	46	334	+ 36%
Red-bellied Woodpecker	6	2	14	11	1	2	12	1	2	2	3	69	705	+ 39%
Downy Woodpecker	27	36	40	48	25	15	124	30	14	11	16	85	2337	+ 7%
Hairy Woodpecker	4	7	14	11	7	6	31	8	2	3	6	81	1321	+ 22%
Northern Flicker	2	1	2	6	1	5	20	2	..	1	*	36	156	+ 39%
Fleated Woodpecker	..	..	..	..	..	..	..	..	..	..	..	39	98	- 23%
Horned Lark	107	104	57	13	..	131	34	..	..	16	104	39	1252	+147%
Blue Jay	74	39	63	84	50	109	152	36	15	22	70	86	9136	+ 45%
American Crow	341	94	85	115	246	216	414	389	17000	281	49	82	28474	- 11%
Common Raven	..	..	..	..	..	..	..	..	..	..	..	25	339	- 37%
Black-capped Chickadee	78	82	140	207	69	129	526	165	30	53	73	86	14839	+ 26%
Tufted Titmouse	..	..	..	..	..	..	..	..	..	..	..	16	55	- 16%
Red-breasted Nuthatch	5	6	4	7	4	1	5	17	5	15	8	69	667	+ 50%
White-breasted Nuthatch	24	26	35	55	17	29	107	36	7	12	19	85	3278	+ 23%
Brown Creeper	3	..	..	4	1	..	7	2	..	..	1	37	128	- 46%
Golden-crowned Kinglet	..	..	..	*	..	..	8	..	..	..	..	12	45	- 83%
American Robin	5	..	7	38	4	10	4	138	9	24	12	35	762	+184%
Bohemian Waxwing	..	..	..	..	..	..	..	..	..	..	..	18	506	+197%
Cedar Waxwing	24	16	15	117	..	53	6	76	47	9	6	45	1490	+ 17%
Northern Shrike	..	..	..	3	..	..	..	1	1	..	..	39	54	- 52%
European Starling	526	249	295	819	70	526	987	190	1011	281	82	142952	- 38%	
Northern Cardinal	95	54	104	41	58	38	266	75	19	40	45	75	5357	+ 88%
American Tree Sparrow	696	244	322	405	245	691	853	347	185	199	1521	73	15073	+ 27%
Song Sparrow	6	2	1	13	7	7	6	5	2	11	11	31	197	+ 40%
White-throated Sparrow	5	1	1	1	*	1	..	22	1	4	2	23	108	+114%
Dark-eyed Junco	1308	244	427	704	214	286	813	425	156	387	347	77	20399	+ 32%
Snow Bunting	*	101	10	..	..	22	46	..	..	14	150	50	4127	+ 15%
Red-winged Blackbird	27	..	1	2	..	1	7	1	..	..	3	26	206	- 96%
Common Grackle	1	1	3	7	*	..	6	2	*	..	4	35	207	- 38%
Brown-headed Cowbird	5	1	..	..	1	..	4	..	..	..	1	14	79	- 71%
Pine Grosbeak	..	..	..	..	..	1	..	1	..	..	1	17	171	- 53%
Purple Finch	..	..	64	33	3	6	25	9	1	..	16	70	1693	+ 34%
Common Redpoll	201	..	..	3	..	..	1	2	..	3	2	43	1019	- 57%
Pine Siskin	2	..	7	44	..	26	13	52	..	2	4	67	2587	+ 11%
American Goldfinch	92	55	223	170	23	38	258	127	50	37	108	81	9425	+ 23%
Evening Grosbeak	..	..	14	35	..	2	34	32	..	1	11	68	10066	+ 55%
House Sparrow	391	668	729	435	370	1005	2166	580	309	462	373	80	49236	- 4%
TOTAL SPECIES	48	31	44	59	35	49	62	69	42	51	57	131		

A 121,513 European Starlings at Milwaukee

**TABLE 3. The 60 most common species - Southwest and South-central Wisconsin.**

Species	Richland Center	Clyde	Cornelia	Easton	ForLage	Karaboo	Foyrette	Seak City	Mount Horeb	Blanchardville	Cartiz Springs	Randolph	Sun Prairie	Marion	Cooksville
	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Canada Goose	..	..	..	..	..	..	45	..	52	..	..	..	..	..	117
American Black Duck	..	..	..	2	..	..	30	13	..	..	..	..	..	..	61
Mallard	14	..	..	..	1	..	283	260	..	..	..	..	..	2	2763
Common Goldeneye	..	..	6	1	..	..	75	147	..	..	..	..	5	..	207
Common Merganser	..	..	5	..	..	..	130	6	..	..	..	..	..	..	453
Bald Eagle	4	..	10	302	..	2	6	45	..	..	..	..	..	..	1
Northern Harrier	2	1	..	..	..	..	1	1	..	..	..	..	..	..	1
Sharp-shinned Hawk	..	..	1	..	..	..	3	4	1	2	..	..	..	..	3
Cooper's Hawk	..	1	1	..	..	..	1	1	..	..	..	..	..	..	5
Northern Goshawk	..	..	..	3	..	..	1	3	..	..	..	..	..	..	5
Red-tailed Hawk	20	3	5	35	..	10	16	67	23	13	2	4	..	24	2
Rough-legged Hawk	8	..	4	14	..	10	9	16	2	3	..	3	1	9	1
American Kestrel	7	..	4	7	..	2	2	22	5	2	1	..	..	7	1
Gray Partridge	..	*	30	40	..	..	58	5	..	13	17	..	7	12	1
King-necked Pheasant	..	..	..	..	..	..	11	..	..	3	..	4	1	27	5
Ruffed Grouse	2	10	..	..	..	..	8	8	4	4	..	..	..	..	2
Herring Gull	..	..	..	..	..	..	1	*	..	..	..	..	..	..	427
Rock Dove	583	57	251	411	4	25	201	577	172	165	40	117	275	936	37
Mourning Dove	70	1	39	56	..	8	303	111	4	18	2	13	4	1095	42
Eastern Screech-Owl	..	..	..	..	..	..	..	2	1	4	..	..	..	..	27
Great Horned Owl	3	2	1	2	..	..	9	11	4	7	3	1	..	11	..
Barred Owl	1	2	1	..	..	..	1	4	1	..	1	..	..	..	2
Belted Kingfisher	1	1	..	1	..	..	2	..	..	..	..	..	..	..	7
Red-headed Woodpecker	9	8	22	32	..	2	7	5	14	20	..	7	..	22	..
Red-bellied Woodpecker	47	4	20	23	2	8	26	91	15	17	1	..	..	28	2
Downy Woodpecker	37	1	11	10	1	17	53	105	42	51	3	5	..	169	7
Hairy Woodpecker	25	3	..	4	..	7	22	50	25	15	..	1	..	64	3
Northern Flicker	7	..	1	3	..	2	19	19	1	3	..	1	..	16	..
Pileated Woodpecker	9	2	..	..	..	..	1	10	2	..	..	..	..	..	..
Horned Lark	4	5	26	68	..	..	76	174	66	92	..	2	16	3	71
Blue Jay	316	45	178	231	7	33	334	425	115	187	20	34	5	357	22
American Crow	370	85	225	209	95	108	522	900	84	689	25	21	11	804	36
Common Raven	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Black-capped Chickadee	199	79	17	65	7	81	192	509	129	128	30	5	13	461	8
Tufted Titmouse	6	3	2	2	..	..	6	6	13	3	1	..	..	6	1
Red-breasted Nuthatch	1	..	2	2	..	..	13	17	..	2	..	..	..	14	1
White-breasted Nuthatch	67	18	10	11	2	22	69	159	62	53	3	4	..	170	6
Brown Creeper	1	..	..	1	..	..	4	7	..	3	..	..	..	43	..
Golden-crowned Kinglet	..	..	..	..	..	..	3	3	..	1	..	..	..	14	..
American Robin	2	..	..	..	..	12	4	97	13	1	..	..	..	328	3
Bohemian Waxwing	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
Cedar Waxwing	1	..	1	..	..	..	28	41	2	1	..	..	..	355	*
Northern Shrike	..	..	..	..	..	..	..	1	..	..	..	2	..	1	..
European Starling	384	2	275	590	102	18	940	1108	228	122	60	143	195	1513	37
Northern Cardinal	560	26	314	633	10	16	163	414	103	133	12	4	1	267	31
American Tree Sparrow	323	48	391	145	10	135	340	1548	82	270	15	67	3	1061	61
Song Sparrow	6	..	1	1	..	..	4	9	2	33	1	..	..	48	1
White-throated Sparrow	1	..	..	..	..	..	2	3	..	..	..	..	..	43	2
Dark-eyed Junco	933	69	1744	1669	37	185	728	1746	293	480	20	9	20	1330	75
Snow Bunting	..	..	..	10	..	..	562	2	50	6	..	..	..	2	*
Red-winged Blackbird	1	..	..	..	..	..	6	..	..	..	2	..	..	45	..
Common Grackle	..	..	..	..	..	..	5	21	..	..	..	..	..	43	1
Brown-headed Cowbird	..	..	..	..	..	..	1	4	..	1	..	..	..	27	..
Pine Grosbeak	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..
Purple Finch	3	..	6	22	..	14	95	47	12	8	4	..	4	20	17
Common Redpoll	..	..	..	3	..	..	30	..	..	2	..	..	..	3	..
Pine Siskin	..	..	2	3	..	2	24	42	3	..	..	..	..	86	1
American Goldfinch	132	12	4	5	20	91	372	348	193	21	10	6	11	554	32
Evening Grosbeak	4	..	..	..	25	31	82	16	11	2	..	..	..	4	5
House Sparrow	1839	62	2039	1010	72	297	1746	2305	425	1030	620	476	375	1277	141
TOTAL SPECIES	45	30	41	37	15	28	74	61	28	41	24	24	18	88	32

**TABLE 3. The 60 most common species - East-central Wisconsin.**

Species	Shiocton	Fremont	Autona	Green Lake	Appleton	Oshkosh	Stockbridge	Fond du Lac	Wood, Dunes N	Wood, Dunes NE	Wood, Dunes SW	Wood, Dunes SE	Plymouth	Kettle Moraine	Horicon
	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Canada Goose	..	3	..	..	3	4	..	12	..	..	19	..	..	..	730
American Black Duck	..	2	..	..	17	22	..	10	..	..	..	..	..	..	..
Mallard	..	52	191	13	2026	400	1	218	..	..	6	7	35	..	..
Common Goldeneye	..	1	..	5	307	34	..	..	1	22	3	8	..	..	..
Common Merganser	..	..	..	11	92	?	..	..	..	10	?	..	..	..	..
Bald Eagle	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Northern Harrier	..	1	..	..	..	1	..	1	..	..	..	..	..	1	?
Sharp-shinned Hawk	..	1	*	..	..	..	..	..	..	1	..	1	..	1	..
Cooper's Hawk	..	1	1	2	?	1	..	..	..	1	..	..	..	1	..
Northern Goshawk	..	1	2	*	..	1	..	..	..	1	..	..	1	..	..
Red-tailed Hawk	1	12	2	10	25	5	7	5	..	5	..	1	5	5	5
Rough-legged Hawk	5	11	*	9	5	3	..	..	4	17	6	1	1	..	3
American Kestrel	2	3	..	2	6	5	10	8	?	3	1	2	2	1	2
Gray Partridge	..	..	..	..	29	23	25	37	14	40	5	26	6	15	..
Ring-necked Pheasant	..	1	1	28	35	48	?	..	1	13	2	25	4	4	19
Ruffed Grouse	3	..	8	5	1	..	..	..	3	3	4	1	1	..	..
Herring Gull	..	..	..	3	4	1	..	..	..	156	..	9	13	..	..
Rock Dove	200	97	70	301	305	854	495	255	61	596	61	203	144	42	131
Mourning Dove	32	202	19	21	350	322	21	62	2	259	69	79	53	3	22
Eastern Screech-Owl	..	1	..	..	1	1	1	1	..	..	..	..	..	1	..
Great Horned Owl	..	3	..	1	3	6	2	..	4	35	2	3	1	*	2
Barred Owl	..	2	*	..	1	..	..	2	..	..	..	2	..	..	1
Belted Kingfisher	..	..	..	..	1	1	..	1	..	..	..	1	..	..	..
Red-headed Woodpecker	..	2	31	16	2	5	..	4	..	..	3	2	..	..	..
Red-bellied Woodpecker	9	12	17	7	3	7	12	7	1	2	3	2	9	5	..
Downy Woodpecker	28	31	39	19	20	37	32	44	12	30	31	23	24	8	10
Hairy Woodpecker	8	16	23	9	8	12	16	15	6	16	12	9	14	7	..
Northern Flicker	4	7	1	?	1	..	..	6	1	3	..	3	..	*	..
Pileated Woodpecker	..	2	1	..	1	..	..	1	..	?	..	..	..	..	..
Horned Lark	..	20	10	..	1	6	6	34	..	1	3	12	1	..	5
Blue Jay	88	130	454	146	30	62	64	52	42	95	49	31	39	25	18
American Crow	38	403	382	196	1188	134	43	76	41	180	52	90	33	35	1
Common Raven	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Black-capped Chickadee	412	132	392	57	60	73	32	77	58	145	101	90	44	70	41
Tufted Titmouse	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Red-breasted Nuthatch	..	3	35	1	5	8	..	4	..	7	..	1	..	1	..
White-breasted Nuthatch	20	37	76	27	18	31	27	35	17	25	34	22	23	21	10
Brown Creeper	..	1	1	..	1	1	4	1	..	1	..	..	..	..	..
Golden-crowned Kinglet	..	..	..	..	1	5	..	1	..	..	..	*	..	..	..
American Robin	..	..	..	6	2	3	*	*	..	2	..	..	..	..	2
Bohemian Waxwing	..	..	..	3	?	..	1	..	..	200	..	*	..	..	..
Cedar Waxwing	..	15	..	107	75	*	50	5	?	*	..	*	12	3	2
Northern Shrike	?	1	1	1	..	..	..	..	..	1	..	..	1	1	..
European Starling	22	139	44	139	239	964	453	182	5	2506	575	89	216	162	170
Northern Cardinal	28	19	55	23	25	22	43	33	16	37	49	23	33	16	9
American Tree Sparrow	117	238	20	209	255	583	100	273	44	162	112	50	203	58	209
Song Sparrow	..	1	..	..	..	3	1	1	..	3	..	..	1	..	..
White-throated Sparrow	..	..	..	1	2	..	..	..	..	..	..	8	1	..	..
Dark-eyed Junco	31	216	440	172	182	206	109	116	35	129	176	135	155	94	51
Snow Bunting	3	25	..	..	51	13	99	57	..	60	43	..	18	..	85
Red-winged Blackbird	..	..	..	1	..	14	1	1	..	..	..	*	..	..	1
Common Grackle	..	6	..	3	5	1	2	..	..	1	3	5	1	..	15
Brown-headed Cowbird	..	..	..	..	..	..	?	..	..	..	..	2	..	..	4
Pine Grosbeak	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Purple Finch	7	*	22	7	6	..	..	7	..	..	16	?	7	34	8
Common Redpoll	1	..	30	*	..	..	12	..	..	..	5	?	..	..	..
Fine Siskin	4	1	16	3	52	6	10	..	?	?	37	12	6	..	..
American Goldfinch	240	143	418	91	41	41	108	134	29	214	67	29	200	72	20
Evening Grosbeak	14	138	380	82	..	..	17	20	..	15	22	..	120	95	..
House Sparrow	100	1071	185	142	134	1543	1415	1570	115	493	285	178	484	472	424
TOTAL SPECIES	27	44	35	43	56	58	35	28	26	27	35	29	37	28	24

**TABLE 3. The 60 most common species - West-central Wisconsin.**

Species	Hudson	Durand	Hudson	Arcadia	Trempealeau	Allard	Black River Falls	Tomah	Spencer	Stevens Point	Arrin	Amherst	Adams	LaCrosse	Kickapoo Valley
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Canada Goose	110	..	..	..	..	..	..	..	3	23	..	..	..	..	35
American Black Duck	6	..	..	..	2	..	..	..	..	..	..	..	..	2	46
Mallard	531	..	10	19	55	..	..	..	6	201	..	10	35	755	..
Common Goldeneye	9	..	..	..	2	..	..	..	..	21	..	..	..	..	..
Common Merganser	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Bald Eagle	13	10	14	1	3	6	1	1	..	2	..	..	5	5	..
Northern Harrier	..	..	..	..	1	1	..	..	1	..	..	..	..	..	..
Sharp-shinned Hawk	..	..	..	..	1	..	..	1	..	*	..	1	..	1	..
Cooper's Hawk	..	1	..	1	..	..	..	..	..	2	..	..	..	..	..
Northern Goshawk	1	1	..	..	2	3	..	..	..	1	3	..	..	1	1
Red-tailed Hawk	6	19	25	13	12	6	5	9	..	2	5	5	..	18	8
Rough-legged Hawk	..	4	3	3	4	4	2	4	..	5	1	..	..	5	1
American Kestrel	..	2	3	5	6	1	1	*	1	1	2	1	..	1	2
Gray Partridge	..	..	..	..	..	..	..	..	..	8	..	38	..	..	..
Ring-necked Pheasant	2	5	2	..	?	..	1	..	1	..	*	6	..	..	..
Ruffed Grouse	1	..	7	..	..	*	2	7	1	6	2	2	3	13	5
Herring Gull	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rock Dove	33	170	367	171	199	171	24	121	68	198	240	136	5	333	117
Mourning Dove	35	1	5	14	15	*	22	3	1	14	14	13	10	74	2
Eastern Screech-Owl	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Great Horned Owl	..	4	2	..	1	7	..	3	1	*	..	..	..	4	4
Barred Owl	1	..	1	..	4	2	..	2	..	..	*	..	..	11	..
Belted Kingfisher	..	2	..	1	2	..	..	..	..	1	..	..	..	2	..
Red-headed Woodpecker	..	..	..	2	5	2	1	3	..	4	4	13	..	2	14
Red-bellied Woodpecker	3	7	44	9	28	12	26	2	3	4	8	7	6	25	10
Downy Woodpecker	8	35	28	14	56	46	45	10	30	26	15	29	11	62	7
Hairy Woodpecker	4	13	17	5	54	28	21	10	14	24	65	18	7	29	10
Northern Flicker	..	..	..	..	..	..	..	..	2	..	1	..	..	1	..
Pileated Woodpecker	1	..	7	..	4	1	5	1	2	..	*	1	?	5	1
Horned Lark	..	8	..	*	1	..	..	..	1	..	2	..	..	13	6
Blue Jay	37	167	137	78	299	185	272	135	78	286	42	158	66	162	107
American Crow	232	276	295	182	172	269	195	133	117	612	55	403	64	75	188
Common Raven	..	..	..	..	..	12	..	4	1	..	..	..	..	..	..
Black-capped Chickadee	92	142	213	22	364	417	482	77	120	413	150	165	113	241	75
Tufted Titmouse	..	..	1	..	..	..	..	..	..	..	..	..	..	1	?
Red-breasted Nuthatch	4	..	..	1	16	4	14	4	2	5	2	1	?	6	..
White-breasted Nuthatch	26	30	169	14	99	66	220	17	19	49	25	46	20	55	24
Brown Creeper	..	?	3	..	1	..	3	1	1	?	..	..	..	10	1
Golden-crowned Kinglet	..	..	..	..	..	..	..	1	..	..	..	..	..	5	..
American Robin	6	..	1	..	1	..	..	..	..	?	..	..	..	10	..
Bohemian Waxwing	10	..	..	..	..	27	..	..	..	..	..	..	..	..	..
Cedar Waxwing	184	1	15	..	..	..	..	..	8	1	28	..	..	4	..
Northern Shrike	..	1	..	..	1	2	1	..	..	1	..	?	..	..	1
European Starling	106	197	471	46	216	223	31	88	82	446	48	155	30	489	210
Northern Cardinal	19	77	212	149	201	17	80	15	6	31	16	21	12	162	79
American Tree Sparrow	9	257	149	40	192	36	44	139	22	15	19	55	76	313	68
Song Sparrow	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..
White-throated Sparrow	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..
Dark-eyed Junco	105	538	337	182	495	37	368	136	29	160	18	218	68	307	113
Snow Bunting	9	30	..	*	..	34.0	..	59	160	150	??	..	..	..	..
Red-winged Blackbird	..	1	..	1	6	..	..	..	..	..	..	..	..	48	..
Common Grackle	..	..	4	..	3	..	4	..	..	..	*	..	1	7	..
Brown-headed Cowbird	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..
Pine Grosbeak	..	..	..	..	..	..	?	..	..	..	*	..	..	..	..
Purple Finch	14	34	3	..	73	*	100	25	..	5	*	47	5	12	11
Common Redpoll	..	40	1	7	..	10	22	..	119	6	..	30	..	1	..
Pine Siskin	72	10	..	4	45	..	5	..	2	33	..	47	6	44	?
American Goldfinch	65	263	254	6	108	100	405	171	151	377	68	256	59	147	97
Evening Grosbeak	..	80	7	..	31	32?	797	352	10	117	44	79	115	5	14
House Sparrow	277	981	2153	518	1830	2383	228	218	526	570	679	383	31	987	440
TOTAL SPECIES	34	38	34	29	44	31	35	31	35	40	29	31	31	50	32

**TABLE 3. The 60 most common species - Northeast Wisconsin.**

Species	Iron Belt	Phelps	Three Lakes	Whitelander	Merrill	Wausau	Antigo	Lakewood	Peshigo	Uphraim	Fiske Lake	Sowler	Caroline	Shavano	Green Bay
Canada Goose	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
American Black Duck	..	..	..	..	1	..	..	..	18	9	..	..	6	1	478
Mallard	..	..	..	13	449	366	..	..	2	96	..	..	165	20	1754
Common Goldeneye	..	..	..	4	1	17	..	..	53	183	..	..	..	2	..
Common Merganser	..	..	..	..	1	..	..	..	8	26	..	..	..	1	85
Bald Eagle	..	..	*	2	..	1	1	..	..	..	..	..	1	3	1
Northern Harrier	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Sharp-shinned Hawk	..	..	..	..	..	..	..	..	..	*	..	..	..	..	1
Cooper's Hawk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Northern Goshawk	..	..	..	*	..	2	2	..	..	1	..	..	1	..	1
Red-tailed Hawk	..	..	..	..	..	..	..	..	2	..	..	..	..	4	17
Rough-legged Hawk	..	..	..	..	..	..	3	..	5	..	..	1	1	10	1
American Kestrel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Gray Partridge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	93
Ring-necked Pheasant	..	..	..	..	..	..	..	..	1	..	..	..	..	1	85
Ruffed Grouse	..	*	2	2	..	1	3	..	3	3	..	3	2	3	..
Herring Gull	..	..	..	..	..	..	..	..	..	837	..	..	..	..	32
Rock Dove	..	..	..	..	323	90	15	85	137	18	6	14	296	753	..
Mourning Dove	8	..	..	19	21	309	8	138	63	..	3	63	152	348	..
Eastern Screech-Owl	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Great Horned Owl	..	..	..	1	1	*	..	..	..	1	..	..	..	3	*
Barred Owl	..	..	..	1	*	1	1	..	..	..	..	..	..	..	1
Belted Kingfisher	..	..	..	1	1	..	..	..	..	..	1	..	..	2	1
Red-headed Woodpecker	..	..	..	3	..	..	..	..	3	1	..	..	..	4	4
Red-bellied Woodpecker	..	1	..	2	1	..	..	..	5	6	..	2	6	9	4
Downy Woodpecker	3	17	12	30	8	11	10	4	16	54	5	29	28	36	23
Hairy Woodpecker	2	18	16	25	6	5	7	2	14	70	3	24	24	19	12
Northern Flicker	..	..	..	..	..	..	..	..	1	8	..	..	..	1	..
Pileated Woodpecker	..	*	1	..	..	2	1	1	..	?	..	1	1	3	..
Horned Lark	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..
Blue Jay	9	42	40	100	11	47	87	11	198	176	18	136	127	198	75
American Crow	..	2	..	5	137	186	107	2	481	128	32	309	31	568	110
Common Raven	2	23	16	4	..	..	5	?	8	4	..	8	*	8	..
Black-capped Chickadee	35	163	179	291	71	200	79	64	249	514	62	212	153	240	121
Tufted Titmouse	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Red-breasted Nuthatch	*	33	37	31	2	*	15	33	1	38	2	22	4	17	3
White-breasted Nuthatch	6	31	13	99	9	17	15	?	24	62	..	28	40	73	25
Brown Creeper	..	..	..	4	1	..	..	..	..	..	..	*	..	4	..
Golden-crowned Kinglet	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
American Robin	..	..	..	4	..	3	..	..	..	1	..	..	..	2	4
Bohemian Waxwing	..	11	..	..	..	6	3	..	..	100	..	28	..	9	72
Cedar Waxwing	..	..	..	..	..	12	23	..	9	..	5	..	..	60	31
Northern Shrike	..	1	*	..	2	..	..	..	1	2	..	*	1	1	1
European Starling	..	8	..	8	17	352	23	..	123	245	3	50	35	265	433
Northern Cardinal	..	..	..	1	4	13	3	..	8	34	..	9	52	23	53
American Tree Sparrow	..	..	..	..	2	32	25	..	10	91	..	17	30	35	95
Song Sparrow	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*
White-throated Sparrow	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1
Dark-eyed Junco	..	..	..	12	*	60	15	..	22	25	11	3	213	130	121
Snow Bunting	6	13	..	..	13	58	51	..	106	287	..	..	..	32	47
Red-winged Blackbird	..	..	..	1	..	..	..	..	..	1	..	*	1	..	14
Common Grackle	..	..	..	..	..	..	..	..	..	2	..	..	?	..	10
Brown-headed Cowbird	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
Fine Grosbeak	..	10	11	?	..	9	5	..	..	46	..	..	..	..	..
Purple Finch	..	5	7	55	127	4	39	4	65	6	1	62	75	26	11
Common Redpoll	?	2	150	..	..	3	13	..	..	17	..	7	..	5	?
Pine Siskin	..	54	50	330	10	28	56	155	..	23	176	220	45	153	30
American Goldfinch	6	..	27	45	28	84	31	..	109	378	64	182	219	282	62
Evening Grosbeak	54	192	229	611	1	13	102	35	120	238	28	333	328	334	15
House Sparrow	..	..	..	1	545	21	22	..	211	70	24	120	115	344	246
TOTAL SPECIES	12	19	19	32	26	30	31	14	32	47	16	25	30	47	51

**TABLE 3. The 60 most common species - Northwest Wisconsin.**

Species	Bayfield	Ashland	Cloverland	Bruce	Solon Springs	Fifield	Oxbo	Grantsburg	Luck	Joel	New Richmond	Holcombe	Chippewa Falls	Ellman	Medford
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Canada Goose	..	..	..	..	..	..	..	..	..	1	34	..	..	..	..
American Black Duck	..	20	..	2	..	..	..	..	..	2	..	..	23	..	..
Mallard	4	30	..	8	3	..	..	..	..	92	25	..	20	..	..
Common Goldeneye	..	..	..	8	4	1	..	..	..	3	47	..	?	..	..
Common Merganser	..	..	..	2	..	..	..	..	..	4	..	..	..	..	..
Bald Eagle	1	..	*	4	2	1	*	3	..	1	1	2	12	..	..
Northern Harrier	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sharp-shinned Hawk	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cooper's Hawk	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..
Northern Goshawk	..	..	1	..	..	1	1	1	..	..	..	2	1	..	..
Red-tailed Hawk	..	..	..	..	..	..	..	?	..	..	2	..	2	..	..
Rough-legged Hawk	..	..	..	..	..	..	..	2	..	1	..	..	..	..	..
American Kestrel	..	..	..	..	..	..	..	..	..	1	2	1	1	..	..
Gray Partridge	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..
Ring-necked Pheasant	..	..	..	..	..	..	..	?	4	8	..	..	..	..	..
Ruffed Grouse	1	*	2	3	2	..	..	..	..	1	..	..	3	2	1
Herring Gull	98	4	..	..	..	..	..	..	..	..	..	..	..	..	..
Rock Dove	7	67	..	..	..	4	..	43	43	56	368	35	100	18	50
Mourning Dove	..	12	..	..	..	*	..	..	2	..	5	1	*	..	1
Eastern Screech-Owl	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Great Horned Owl	..	..	1	1	..	..	..	..	1	2	1	..	..	1	..
Barred Owl	..	..	1	?	..	1	..	..	..	1	..	..	..	?	1
Belted Kingfisher	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Red-headed Woodpecker	..	..	..	..	..	..	..	1	1	..	..	..	..	1	..
Red-bellied Woodpecker	..	..	..	..	..	..	..	1	11	12	5	1	5	4	..
Downy Woodpecker	9	12	12	6	18	27	24	26	39	34	28	20	33	22	23
Hairy Woodpecker	4	12	4	11	11	15	19	20	33	39	11	11	15	28	33
Northern Flicker	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..
Pileated Woodpecker	..	1	2	4	?	3	..	3	4	3	1	..	..	..	2
Horned Lark	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Blue Jay	33	71	30	111	57	85	55	195	87	87	93	167	206	73	154
American Crow	..	28	42	3	..	24	4	172	7	62	1013	159	153	108	252
Common Raven	1	29	16	62	33	64	12	9	4	..	..	..	?	4	5
Black-capped Chickadee	96	131	106	262	144	521	184	533	127	237	96	623	329	270	529
Tufted Titmouse	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Red-breasted Nuthatch	1	4	9	22	26	26	8	3	4	..	1	4	?	12	48
White-breasted Nuthatch	1	12	6	14	34	40	12	41	66	46	50	54	46	34	43
Brown Creeper	..	..	..	2	1	1	1	..	1	2	..	..	..	..	..
Golden-crowned Kinglet	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
American Robin	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Bohemian Waxwing	..	6	..	..	..	*	*	20	..	..	..	..	13	1	..
Cedar Waxwing	..	4	..	4	..	..	..	3	..	24	3	..	..	..	1
Northern Shrike	1	1	3	3	1	*	1	1	..	1	..	4	..	1	1
European Starling	54	64	1	1	..	66	1	65	74	36	177	61	76	28	309
Northern Cardinal	..	..	..	..	..	1	..	3	13	21	11	?	34	1	13
American Tree Sparrow	..	1	..	..	..	..	..	1	16	37	117	11	98	1	..
Song Sparrow	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..
White-throated Sparrow	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Dark-eyed Junco	4	1	..	..	..	9	*	15	63	37	97	5	87	18	8
Snow Bunting	3	50	..	..	34	26	..	350	75	29	126	260	4	100	287
Red-winged Blackbird	..	1	..	..	..	..	..	..	..	..	17	..	..	..	..
Common Grackle	..	6	..	..	..	*	1	1	13	6	..	..	..	..	1
Brown-headed Cowbird	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pine Grosbeak	18	3	15	24	8	..	..	..	10	..	..	..	..	..	..
Purple Finch	5	..	1	9	18	19	4	?	13	16	23	41	4	18	171
Common Redpoll	5	..	36	7	82	7	7	4	18	..	..	9	..	21	70
Pine Siskin	..	7	5	86	12	25	3	24	29	11	1	73	99	27	121
American Goldfinch	1	10	..	3	..	18	..	56	36	79	35	53	220	20	22
Evening Grosbeak	151	291	8	560	393	991	280	468	87	?	..	137	49	302	521
House Sparrow	91	88	..	2	?	13	..	446	266	312	850	464	275	295	525
TOTAL SPECIES	24	30	21	30	24	28	18	34	30	39	35	26	33	27	26

\*Seen 3 days before or after the count, but not on the day of the count.

**TABLE 4. Species seen on 11 or fewer counts.**

Species	No. of Counts	Total Birds	Count and Number
<b>Pied-billed Grebe</b> .....	3	3	Solon Springs 1, Horicon 1, Beloit 1, (Oconomowoc)
<b>Horned Grebe</b> .....	1	1	Madison 1
<b>Double-cr. Cormorant</b> .....	1	1	Green Bay 1
<b>Great Blue Heron</b> .....	3	3	Woodland Dunes SW 1, Poynette 1, Waukesha 1
<b>Tundra Swan</b> .....	5	11	Trempealeau 1, Oshkosh 1, Richland Center 4, Sauk City 1, Milwaukee 4
<b>Mute Swan</b> .....	3	12	Ashland 2, Solon Springs 5, (Woodland Dunes SE), Lake Geneva 5
<b>Snow Goose</b> .....	4	20	Appleton 1, Oshkosh 1, Mt. Horeb 16, Milwaukee 2
<b>Wood Duck</b> .....	11	16	Shawano 2, Green Bay 3, LaCrosse 1, Appleton 1, Oshkosh 1, Clyde 1, Poynette 1, Sauk City 2, (Madison), Waukesha 2, Fort Atkinson 1, Kenosha 1
<b>Green-winged Teal</b> .....	2	2	Poynette 1, Madison 1
<b>Northern Pintail</b> .....	4	4	Green Bay 1, Sauk City 1, Madison 1, Waukesha 1
<b>Blue-winged Teal</b> .....	1	1	Poynette 1
<b>Northern Shoveler</b> .....	1	69	Madison 69
<b>Gadwall</b> .....	4	390	Madison 383, Waukesha 3, Fort Atkinson 2, Milwaukee 2
<b>American Wigeon</b> .....	4	17	Appleton 1, Madison 11, Beloit 1, Milwaukee 4
<b>Canvasback</b> .....	4	23	Oshkosh 2, Madison 2, Lake Geneva 1, Racine 18, (Kenosha)
<b>Redhead</b> .....	3	9	Appleton 1, Madison 6, Kenosha 2
<b>Ring-necked Duck</b> .....	4	7	Green Bay 1, LaCrosse 1, Madison 3, Newburg 2
<b>Greater Scaup</b> .....	7	5186	Ephraim 57, Appleton 1, Oshkosh 2, Newburg 34, Milwaukee 5077, Racine 6, Kenosha 9
<b>Lesser Scaup</b> .....	9	45	Adams 15, LaCrosse 1, Appleton 6, Oshkosh 4, Horicon 1, Poynette 1, Madison 5, Lake Geneva 8, Milwaukee 4
<b>Oldsquaw</b> .....	6	1333	Ephraim 385, Woodland Dunes NE 201, Newburg 3, Milwaukee 708, Racine 1, Kenosha 35
<b>Bufflehead</b> .....	9	109	Ephraim 12, Adams 1, Oshkosh 3, (Woodland Dunes SE), Poynette 7, Madison 2, Milwaukee 23, Hales Corners 4, Racine 52, Kenosha 5
<b>White-winged Scoter</b> .....	1	4	Milwaukee 4
<b>Hooded Merganser</b> .....	5	7	Oshkosh 1, Poynette 2, Madison 2, Newburg 1, Milwaukee 1
<b>Red-breasted Merganser</b> .....	6	81	Ephraim 5, Madison 2, Newburg 16, Milwaukee 24, Racine 4, Kenosha 30
<b>Ruddy Duck</b> .....	4	32	Appleton 2, Oshkosh 12, Madison 2, Milwaukee 16
<b>Osprey</b> .....	1	1	Shiocton 1
<b>Red-shouldered Hawk</b> .....	8	8	Trempealeau 1, Oshkosh 1, Woodland Dunes NE 1, Richland Center 1, Poynette 1, Sauk City 1, Beloit 1, Lake Geneva 1
<b>Golden Eagle</b> .....	3	4	Grantsburg 1, LaCrosse 1, Kickapoo Valley 2
<b>Gyrfalcon</b> .....	1	1	Gilman 1
<b>Spruce Grouse</b> .....	1	2	Three Lakes 2
<b>Prairie Chicken</b> .....	2	21	Spencer 14, Arpin 7
<b>Sharp-tailed Grouse</b> .....	1	4	Holcombe 4
<b>Wild Turkey</b> .....	5	65	LaCrosse 6, Richland Center 3, Clyde 5, Beetown 50, Sauk City 1
<b>Northern Bobwhite</b> .....	10	160	Trempealeau 5, Wautoma 20, Green Lake 3, Oshkosh 7, Richland Center 48, Clyde 7, Cornelia 24, Beetown 33, Poynette 7, Madison 6 (Appleton), Poynette 1, Madison 3, Waukesha 1
<b>Virginia Rail</b> .....	3	5	Madison 1
<b>Sora</b> .....	1	1	Madison 1

**TABLE 4. Species seen on 11 or fewer counts.**

Species	No. of Counts	Total Birds	Count and Number
American Coot	9	65	Green Bay 1, Appleton 3, (Oshkosh), Sauk City 1, Madison 37, Oconomowoc 2, Fort Atkinson 1, Lake Geneva 16, Newburg 3, Milwaukee 1
Killdeer	4	8	Ephraim 2, Wautoma 4, Cornelia 1, (Baraboo), Poynette 1
Common Snipe	9	29	Chippewa Falls 1, Kickapoo Valley 1, Richland Center 3, Cornelia 1, Beetown 11, (Baraboo), Poynette 5, Sauk City 1, Madison 5, Waukesha 1
American Woodcock	1	1	Waukesha 1
Bonaparte's Gull	5	2719	Newburg 27, Milwaukee 2682, Hales Corners 1, Racine 4, Kenosha 5
Glaucous Gull	1	1	Madison 1
Ring-billed Gull	6	1765	(Oshkosh), Madison 361, Newburg 15, Milwaukee 1279, Hales Corners 10, Racine 95, Kenosha 5
Snowy Owl	2	2	Ashland 2, (Fifield), (Oshkosh), Baraboo 1, (Kenosha)
Short-eared Owl	5	8	Green Lake 2, Sauk City 1, Madison 1, Milwaukee 3, Hales Corners 1
Yellow-bel. Sapsucker	9	19	(Oshkosh), Richland Center 1, Poynette 3, Sauk City 1, Madison 7, Waukesha 1, Newburg 2, Milwaukee 2, Hales Corners 1, Racine 1
Gray Jay	5	41	Fifield 14, Oxbo 9, Phelps 2, Three Lakes 7, Rhinelander 9
Boreal Chickadee	2	5	Three Lakes 3, Rhinelander 2
Winter Wren	2	2	Madison 1, Hales Corners 1
Ruby-crowned Kinglet	1	1	Arpin 1
Eastern Bluebird	4	12	Richland Center 4, Cornelia 2, Mount Horeb 3, Waukesha 3
Townsend's Solitaire	1	1	Racine 1
Hermit Thrush	5	7	Oshkosh 1, Fond du Lac 1, Woodland Dunes NE 1, Milwaukee 3, Racine 1
Varied Thrush	2	2	Bayfield 1, Shawano 1, (Madison)
Brown Thrasher	6	9	(Green Bay), Adams 1, (Wautoma), Plymouth 1, Cornelia 1, Madison 4, Beloit 1, Racine 1
Orange-crowned Warbler	1	1	Woodland Dunes NE 1
Yellow-rumped Warbler	1	2	Waukesha 2
Common Yellowthroat	1	1	Madison 1
Rufous-sided Towhee	5	6	Shawano 2, Nelson 1, Beloit 1, Lake Geneva 1, Newburg 1
Chipping Sparrow	2	2	Ephraim 1, Oconomowoc 1
Field Sparrow	4	7	Durand 2, Green Lake 1, Woodland Dunes SE 1, Racine 3
Vesper Sparrow	1	1	Poynette 1
Fox Sparrow	5	8	Black River Falls 1, Wautoma 2, Appleton 1, Woodland Dunes NE 1, Kenosha 3
White-crowned Sparrow	5	11	Poynette 1, Madison 1, Beloit 1, Milwaukee 5, Kenosha 3
Swamp Sparrow	10	40	Fremont 1, Poynette 5, Blanchardville 1, Madison 15, Oconomowoc 1, Waukesha 1, Newburg 9, Milwaukee 2, Hales Corners 2, Kenosha 3
Lapland Longspur	9	113	Durand 3, Oshkosh 4, Woodland Dunes SE 12, Cornelia 40, Sauk City 3, Blanchardville 29, Madison 9, Lake Geneva 12, Kenosha 1
Western Meadowlark	1	1	Nelson 1
meadowlark spp.	9	15	Durand 2, Woodland Dunes SE 1, Clyde 1, Cornelia 1, Portage 1, Poynette 3, Randolph 2, Madison 3, Waukesha 1
Yellow-headed Blackbird	1	1	Horicon 1

TABLE 4. Species seen on 11 or fewer counts.

Species	No. of Counts	Total Birds	Count and Number
Rusty Blackbird	10	29	Joel 1, New Richmond 1, Woodland Dunes NE 1, Poynette 1, Horicon 1, Madison 6, Oconomowoc 11, Fort Atkinson 2, Lake Geneva 4, Hales Corners 1
Red Crossbill	5	37	(Ashland), Brule 7, Fifield 23, (Phelps), (Three Lakes), (Wausau), Lakewood 5, Black River Falls 1, (Green Lake), Oconomowoc 1
White-winged Crossbill	5	12	Cloverland 6, Solon Springs 3, (Phelps), Woodland Dunes NE 1, Woodlands Dunes SW 1, Milwaukee 1
Accipiter spp.	1	1	New Richmond 1
scaup spp.	1	20	Oshkosh 20

## Site Tenacity of Birds on Curtis Prairie, Dane County, Wisconsin

By Bette A. Loiselle and John G. Blake

Prairie ecosystems in the midwest are subject to periodic burning (Daubenmire 1968, Best 1979). Recently burned prairie presents a very distinct habitat, one that is frequently exploited by a number of birds (Tester and Marshall 1961, Komarek 1969, Best 1979). Birds using burned prairie are likely to be more transient than birds using unburned areas because many birds opportunistically forage on the freshly exposed ground surface and because little or no nesting cover is available on burned over prairie. The present study was conducted to examine the extent of site-tenacity among birds found on a periodically burned prairie in southeastern Wisconsin. We examined this question through use of mist net captures and recaptures during two spring and early summer seasons.

### Study Area and Methods

Curtis Prairie is a 24 ha tract of restored prairie located within the arboretum of the University of Wisconsin, Dane Co., Wisconsin. The prairie is maintained by mowing and controlled burning that prevents encroachment of surrounding woods and exotic species and enhances growth and frequency of prairie species. Approximately one-half of the prairie is burned every spring, with each half burned every other year. The prairie was burned on 13 May 1982 and on 25 April 1983 (Fig. 1). (See Curtis (1955) and Anderson (1972) for a more detailed description of Curtis Prairie.)

We used mist nets (12 x 2.6m, 36 mm mesh) to obtain data on birds using burned and unburned sections of the prairie. Because we used the same number of nets in burned and unburned areas and netted simultaneously in both areas, our sampling effort was standardized. Mist nets also allowed us to gather data on site-tenacity, sex ratios, breeding condition, and age distribution of birds using the prairie, data not obtainable through visual censuses.