

7th ANNUAL SASKATCHEWAN CHRISTMAS BIRD COUNT - 1988

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The 1988 Christmas Bird Count is now history and the phrase "records are made to be broken" certainly applies to the results of this year's counts. One hundred and forty-five observers participated in a record number of counts (84 exceeding 1986's 83) produced 94 species on count day plus additional species during the count period totalling Saskatchewan's first century for the count period exceeding 100 years 99. All of this was accomplished during the 19 day period from 16 December through 3 January. Following are some of the highlights of the counts and the patterns and significance of some of the results.

The counts

Following this introduction is a list of the counts and the names of those who participated in them and the coverage and weather conditions for the individual counts (Table 1). Although fewer people participated this year than last year, 545 is still an impressive number for a province with less than one million people.

Table 2 provides a list of the commonest species and the counts on which they were seen followed by Table 3 the species reported from 5 or fewer localities and finally Table 4 those birds identified to species. The counts from the largest number of species as well as the total come from the large urban centres such as Regina and Saskatoon or areas with unique features such as open water at Gardiner Dam and Squaw Rapids or contrasting vegetation such as the Cypress Hills. This year the highest total number of species came from Gardiner Dam where, bolstered by 14 species of water-

fowl from a wide open Lake Diefenbaker, the species' total reached 43. This was followed by Fort Walsh with 37, Saskatoon with 33 and Somme with 31.

The new

Two species never before recorded during the 47 year history of the count were found - both on the Gardiner Dam count. The first was an adult Thayer's Gull found on the open lake. This arctic nesting species normally spends its winters on the coasts of North America and although rare inland there are several recent records for this species during the fall migration in southern Saskatchewan. Thus it is not a total surprise that this species should show up on a Christmas bird count especially considering that the similarly-ranging Glaucous Gull has been found regularly during the past 15 years, especially at Gardiner Dam.

The second new species was a single Wood Duck found by Paul Chytyk and Bob Kreba below Gardiner Dam after the lake had frozen over a few days after the count but in the count period. This species is not uncommon in eastern Saskatchewan during the summer months especially along the Souris River system. Farther west they are rare wanderers and this one obviously decided to stay late.

The addition of these two species to the all-time list raises it to 145 species on count day plus 6 additional species during the count period for an overall total of 151 species.

The rare

Table 3 provides a listing of the species recorded the fewest times (less than five occurrences). Some the highlights of the rare species include a Red-necked Grebe found by Sheila Lamont on the open water of the power channel at Squaw Rapids. This is only the second Christmas record, the first being 21 years ago at Regina. The Great Blue Heron found by Donald Hooper at Barrier Lake was also only the second record. Although this bird perished a few days later, it is amazing that a bird which we are accustomed to seeing up to its knees in water could survive as long as it did. Possibly its final demise was a result of its inability to compete

with its fellow fishermen (Figure 1)! The waterfowl at Gardiner Dam provided the second records for both American Black Duck and Great White-fronted Goose. Another fishbird was found at Ft Qu'appelle - Belted Kingfisher. This bird was found along an open stretch of Qu'appelle River and had been seen regularly through early December.

The highs

Accompanying the last Christmas bird count compilation was a tabulation of frequency, abundance and high counts for all species recorded on counts from 1942 through 1986.¹ Comparing this year's data to that compilation revealed



D.F. Hooper

Figure 1.

Don Hooper

0 instances where the previous high has equalled or surpassed. Many of these were for rarer species involving only 1 or 2 individuals but the counts involving some of the more frequently recorded species were in some instances spectacular (Table 5). The almost 1000 Mallards at Gardiner Dam was seven times the previous high. As these were still field feeding I am sure there were some local duck hunters who were wishing the season was still open. The 90 Ring-necked Pheasants seen by the Haighs at Val Marie almost doubled the 30 year old record from Woodrow in 1959 and are an indicator that pheasant populations are doing well in this area. Wild Turkey populations continue to climb in the Cypress Hills as indicated by last year's record count of 17 being surpassed by 26 this year at Fort Walsh. The 8 Great Gray Owls at Quaw Rapids exceed what most people see in a lifetime and to have found this many in the small area of a count is indeed noteworthy. Finally, but certainly not the least, is the 25-fold increase in the Lapland Longspur count breaking the 17 year old record from Caron. With most of these 5000+ birds being found in one massive flock visions of spring must have prevailed instead of the imminent arrival of the coldest month of the year.

Low counts

Low counts are much more difficult to determine from just a casual review of data such as occurs during the preparation of this report. Although some excellent counts were received for Snow Buntings, overall the numbers were somewhat below the average of the past few years. The same applies to the populations of the resident woodpeckers and chickadees but probably the most notable was the winter finches - those which normally nest farther north and invade the southern areas of this province during the winter months. Only 39 counts recorded redpolls and

usually in small numbers. Similarly Pine Grosbeaks at 23 and Evening Grosbeaks at 31 localities were below the usual numbers. White-winged Crossbills averaged only 9 birds per count for the 9 areas where they were seen.

An unbelievable record

If the documentation were not so complete this record would certainly not be accepted by any sane ornithologist. With the exception of two years when she was not in the province Mary Houston has compiled this report yearly since 1956. The hours devoted to compiling the results of the reports sent in each year is phenomenal. She has watched the interest in this annual event climb continuously over the years to the point where it is the largest single nature-oriented activity in Saskatchewan.

After having waded through the material this year I feel that the rules governing our society must be changed - 33 years of devotion to a project is not enough! The naturalists of Saskatchewan owe Mary a vote of thanks for her dedication to this compilation and the interest she and Stuart have fostered in this activity.

Epilogue

Much the above discussion has centred on the unusual, be it numbers or species, and much of this from large centres or "exotic" locations and I feel that a closing word is warranted to those who conduct counts in smaller centres with only a few participants. These counts are equally important to the monitoring of our changing bird populations. Counts conducted under similar circumstances from year to year whether they record one or 100 species provide a record of change. Whether you count the birds at your feeder or around the yard or from a drive around your area, all is needed information. And, unusual species and high numbers

can occur anywhere. Just check the tables following; without Murray Doell's Willow Ptarmigan at Sandy Bay the 100 species would not have been reached. There were only 8 species at Kutawagan Lake but one of them was a Red-tailed Hawk. What about the Great Gray Owl at Bangor, the saw-whet owl at Luseland, the kestrel at Dalmeny or the flicker at Marsden?

I hope you will take the time to peruse the information present here and while doing so if you find an error or inconsistency please let me know. All the proof reading in the world does not completely eliminate errors. If you have not participated in a count before and are interested please write to me and I will place your name on the mailing list for information for next year or put you in contact with someone else in your area who might appreciate the company.

¹ RENAUD, W.E., G.J. WAPPLE and R.D. WAPPLE 1988. A summary of Saskatchewan Christmas bird counts: 1942-1986. *Blue Jay* 46(1):29-33.

Count Areas and Participants

(Names of compilers are in italics. Numbers of participants in each count are in parentheses following the names.)

1. ABERNETHY-KATEPWA. Brian & Ron Bittner, Sue Blande, Jake Cairns, Jim & Mildred Connor, Ron Hooper, Norman McKen, *Joy McKen*, Betty Reames, Lorne & Doreen Rowell, Wanda, Sheila & Shane Stueck, Marg Thompson. (17)
2. ARCHERWILL. Ed Radwanski, *Elaine Radwanski*. (2)
3. ASSINIBOIA. Ed Bearss, Gordon Brunt, Jack Burgeson, *Cec Hayward*, Dave Landa, Delmar Pettem, Wilf Prentice, Ken Schuweiler. (8)

4. BANGOR. *Jean Hilton*, *Sheila Popowich*. (2)
5. BARRIER LAKE. Alvin Hill, *Dona Hooper*, Adam Rottenberger. (3)
6. BETHUNE. Doug and Vera Laing. (2)
7. BIGGAR. Penny Dyck, Kelly Foster, *Guy Wapple*, Robert Wapple. (4)
8. BIG MUDDY LAKE. Martin Bailey, *Carol Bjorklund*, Anemone Harris, Valeriana Harris, Wayne Harris, Karol Herriot, Trevor Herriot, Sheila Lamont. (8)
9. BIRCH HILLS. *M. Mareschal*, *Don Weidl*. (2)
10. BROADVIEW. *Dave Chaskavich*, *John Donovan*, *Don Weidl*. (3)
11. BROMHEAD. Martin Bailey, *Carol Bjorklund*. (2)
12. CARRAGANA. *Stan & Marg Back*, *Lyle Baker*, *Donald Hooper*. (4)
13. CROOKED LAKE PROV. PARK. *Dave Chaskavich*, *Don Weidl*, *Tony Weidl*.
14. CYPRESS HILLS PROV. PARK. Ron Jensen, *Burke Korol*, *Stan Shadick*. (3)
15. DALMENY. Brian Sperling, *Loyd Sperling*. (2)
16. DILKE. *Margaret Belcher*, *Ken McArthur*. (2)
17. DOUGLAS PROV. PARK. Bob Plastow. (1)
18. DUVAL. Enid Cumming, Merv Hooper, Kim McBride, *Iain Richardson*, *Lloyd Saul*. (5)
19. ELROSE-KYLE. Cliff Matthews. (1)
20. ENDEAVOUR. Norman Harris. (1)
21. ESTEVAN. Tim LeBlanc, Arvid Pederson, Henry Pederson, *Guy Wapple*. (4)
22. FORT QU'APPELLE. Freda Armstrong, Nela Burns, Del Cairnes, Russ Cairnes. (4)

Bernard De Vries, Barbara Hooper, *Ronald Hooper*, Gary Kerr, Alice Laing, Lois Lamontagne, Jim Laroche, Ruth Lieske, Jack Lowe, Don McDougal, Jean McKenna, Jean Mlazar, Raymond Mlazar, Eileen Morris, Paul Paquin, Enola Rak, Betty Reames, Doreen Rowell, Lorne Rowell, Ron Simmonds, Eileen Smith, Mary Talbot, Dorothy Williams. (27)

FORT WALSH. David Bailey, Martin Bailey, Carol Bjorklund, Dixie Black, Paul Chytyk, Anne Harris, Valeri Harris, Wayne Harris, Trevor Herriot, Ron Jensen, Burke Korol, Wilkes Parsonage, Wayne Renaud, Stan Shadick, Sandra and *Guy Wapple*. (16)

FRENCHMAN RIVER (S. of Shaunavon). Lyndon Appleby, Kim Eskowich, *Don Weidl*. (3)

GARDINER DAM. Martin Gerrard, Anne & Val Harris, Wayne Harris, Mary & Stuart Houston, *Guy Wapple*, Sandra Wapple. (9)

GLAMIS-WISETON. Greville Jones. (1)

GOOD SPIRIT LAKE. *Bill Anaka*, Joyce Anaka, Julia Wiwchar. (3)

GOVENLOCK. David & Martin Bailey, Carol Bjorklund, Paul Chytyk, Anne & Val Harris, *Wayne Harris*, Trevor Herriot, Wayne Renaud, Guy & Sandra Wapple. (11)

GRAND CENTRE-PIERCELAND. *J. Frank Roy*, Ryan Roy. (2)

GRASSLANDS NATIONAL PARK. Martin Bailey, Carol Bjorklund, Anne & Val Harris, *Wayne Harris*. (5)

GREENWATER PROV. PARK. Ron Althouse, Mac Chimko, Herman Duerkson, Don Forbes, *Donald Hooper*, Conrad Olson. (6)

HUMBOLDT. *Ed Brockmeyer*, Mike Folk. (2)

INDIAN HEAD. Betty & Cec Ashmore, Coral, Margo & *Vic Beaulieu*, Hazel Buglass, Kim Eskowich, Bob & Ryan Hart, Don Hayward, Gordon Howe,

Helen King, Wendy Lyon, Rose & Roy McLaughlin, Bruce, Clara, Erin & Richard Neill, Dora Nickols, Doris Pats, Theresa Runge, Fred Skinner, Linda Skinner, Mary Skinner, John Stocker, Anna & Gordon Willerth, James Wolidyla. (30)

34. KAMSACK. Mabel Buceuk, Rosella Diduck, Fred Erhart, Doris Franklin, Lil Hovorka, Metro Koroluk, Cusie May, Ann Mclvor, Marge Pennell, Jess & Dallas Rezansoff, *Isabel Ritchie*, Elenor Sookocheff, Stan Stone, Gladys Wakeman, Elaine Wilson, Ann Wlasichuk. (17)

35. KELVINGTON. *Dianne Sloan*, Marguerite Sloan. (2)

36. KENASTON. Bill, Doug & Marg Beckie, *P. Lawrence Beckie*, Bea & Jack Tomy. (6)

37. KILWINNING. Alan Daka, *Ed Driver*, Doug Martin, Jim Romo. (4)

38. KUTAWAGAN LAKE. Wayne Harris. (1)

39. LA RONGE. *Jim Paul*, Lorie Ann Paul. (2)

40. LAST MOUNTAIN LAKE WILDLIFE MANAGEMENT UNIT. Anne Harris, Val Harris, *Wayne Harris*, Sheila Lamont. (4)

41. LEADER. Daisy Meyers. (1)

42. LIVELONG. Sarah Pauka. (1)

43. LOON LAKE. Alf Davis, *Penny Davis*, Frank Scott, Paul Scott. (4)

44. LUSELAND. Estelle Finley, *Kim Finley*, Bill Frey, Bill & Travis Holton, Bev, Brent, Dustin & Levi Honeker, Katrina Marteld, Joe Roszlein. (11)

45. MARCELIN-LEASK. Alvin Lasich. (1)

46. MARSDEN. Eileen Graham, Bernie McGladdery, *Lois Wooding*. (3)

47. MAYMONT. Don Florence. (1)

48. MELFORT. *Phil Curry*, Glenn Galloway, Delores Gooliaff, Gordon Kearns, Frieda

- Markland, Sandra Moulton, Marilyn Nickeson, Mary Worley. (8)
49. MELVILLE. Ed & Charolotte Diakow, *Marion MacLean*, Hugh Wotherspoon, Robert Wotherspoon, Ross Wotherspoon. (5)
50. MOOSE JAW. Brodie & Real Aldred, Edith Bell, Doug and Helen Brunson, John Docherty, Alice & Carl Ellis, Doug Francis, Edward, Kenneth, Lawrence & Hartley Fredeen, Kerry & Rob Hanley, Edith & Pat Kern, Cy & *Leith Knight*, Denise Loughheed, Connie & Hugh McIntyre, Richard & Wilma Pickering, Gavina Reekie, Pete Slade, Ed & Grace Walker, Harvey & Maureen Williams, Gus Zado. (31)
51. MUENSTER. Alan Smith. (1)
52. NIPAWIN. *Joyce Christiansen*, Shannon Christiansen. (2)
53. OUTLOOK. Ron Jensen, *Burke Korol*, Stan Shadick. (3)
54. PIKE LAKE. Anna Fornal, Colleen Gerwing, Mary Gilliland, *Bernie Gollop*, Mike Gollop, Ron Jensen, Menno Nickel, Frank Roy, Mary Jean Roy, Jim Wedgwood, Jim Wood. (11)
55. PREECEVILLE, Reza Bayegan, *James Purdy*. (2)
56. PRINCE ALBERT (1). Frank & Elsie Morton. (2)
57. PRINCE ALBERT (2). Myron Barton, John Burt, Pam Burt, Carman Dodge, Bebe Gilmour, Joe Graumans, Hamilton Greenwood, *Genevieve Greif*, Jim Grimsrud, Ted Snow. (10)
58. PRINCE ALBERT NATIONAL PARK. Marilyn Anions, Roger & Sherry Baird, Teresa Bartlett, Doug, Faye, Lee & Meredith Burles, Janet Campbell, Shawn Cardiff, *Susan Carr*, Nigel Caulkett, Paul & Vi Coutu, Deith Esh, Jan, Peter & Shawn Garden, Bruce Grimwood, Dave Henry, Chris Hughes, Miriam, Ted & Terri Jackson, Kelly Jennett, Scott Keesey, Dave & Josh Kennard, Peter & Darlene Krasko, Peter Lamb, Gail & Howard Lancaster, Bob Luterbach, *Brad Muir*, Lau Muir, Sharon Putz, Ron & Linds Richan, Frank Roy, Dave Russland, Eike Scheffler, Rob Spooner, Me Syroteuk, Beth Taylor, Caroline Tolius, Shawn Tompson, Bob Turnbull, Ja Unger.
59. RAYMORE. Anne & Val Harris, *Way Harris*, Sheila Lamont. (4)
60. REGINA. Phyllis Asley, Martin Baile, Keith Barr, Catherine Bazin, Laure Bazin, Margaret Belcher, *Ca Bjorklund*, Lucille Bradatsch, Fra Brazier, Bob Ewart, Bob Kreba, B Luterbach, George MacDonald, R Myers, Trevor Powell, Brian Rainey, C lian Richardson, Trevor Richardson, T Riffel, Diane Secoy, Frank Switzer. (2)
61. ROUND LAKE. *Doug Francis*, Pat Francis, Joe & Laura Grimson, John Trembl (5)
62. SANDY BAY. Murray Doell. (1)
63. SASKATOON. Norma Allen, Juha Kengo and Rika Asai, Garth, Joyce & Robert Besant, Ray Bisha, Greg Bobb, Henry Cariou, Eric Cleland, George Davis, Eric Densem, E.A. and Marg Driver, Anne Dzus, Colleen Gerwin, *Mary Gilliland*, Bernie, Madeleine & Michael Gollop, Fred Goodliffe, Jo Hanbidge, Darlene and Jim Hay, Day Mary and Stuart Houston, Ron Jensen, Robert and Suzy Kohlmeier, J. Lalibe, Jean Lindsay, Don and Joanne / Robbie, David Miller, Mu Montgomery Bruno Neufeldt, Men Nickel, Evelyn Paterson, Mary Jean R Dave Thorpe, Heather Wagg, Wedgwood, Andrew Whiting, Wood, Takeo Yokonuma.
64. SCOTT. Sandra & *Guy Wapple*. (2)
65. SHAUNAVON. James Donovan. (1)
66. SHELLBROOK-CANWOOD. A Smith. (1)
67. SKULL CREEK. *Jim Bennetto*, Bob cleston, Betty Mann, Bob Mann, / Mann, Larry Peterson, Michael Schu Moreena Schuller. (8)

Table 1. COUNT COVERAGE AND WEATHER CONDITIONS

| LOCALITY | COVERAGE AND CONDITIONS | KM BY VEHICLE | KM ON FOOT | HOURS BY VEHICLE | HOURS ON FOOT | HOURS AT FEEDERS | TEMPERATURE MAX.* | TEMPERATURE MIN.* | SNOW MAXIMUM* | SNOW MINIMUM* | SKY CONDITIONS |
|---------------------------|-------------------------|---------------|------------|------------------|---------------|------------------|-------------------|-------------------|---------------|---------------|------------------------------|
| Abernethy-Katepwa | | 139 | 2 | 4.5 | 1 | 1 | -15 | -18 | 30 | 20 | overcast light to heavy snow |
| Archerwill | | 60 | 1.5 | 3.5 | 1 | 1 | -25 | -30 | 20 | 10 | clear |
| Assiniboia | | 30 | 0 | 1 | 0 | 0 | -4 | -6 | 20 | 15 | cloudy |
| Bangor | | - | - | - | - | - | - | - | - | - | |
| Barrier Lake | | 40 | 2 | 3 | 1 | 2 | -12 | -6 | 7 | 5 | mostly cloudy |
| Bethune | | 40 | - | 5 | - | - | -8 | -14 | 2 | 0 | mostly clear |
| Biggar | | 196 | 7 | 9 | 3 | - | -21 | -29 | 15 | 3 | partly cloudy |
| Big Muddy Valley | | 340 | 5 | 14.5 | 3.5 | - | - | - | - | - | |
| Birch Hills | | 124 | 3 | 5 | 1.5 | .5 | -12 | -16 | 6 | 4 | |
| Broadview | | 129 | 3 | 4 | 2 | - | -21 | -24 | 10 | 5 | mostly clear |
| Bromhead | | 110 | 1 | 4 | 1 | - | -17 | -20 | 20 | 10 | clear |
| Barrangana | | 70 | 8 | 2.5 | 3 | 8 | -2 | -32 | 15 | 5 | mostly cloudy, light snow |
| Brooked Lake P.P. | | 103 | 4 | 4 | 2 | 1 | -25 | -30 | 12 | 8 | clear |
| Cypress Hills P.P. | | 50 | 3.5 | 3 | 1 | - | +7 | - | 10 | 4 | overcast |
| Dalmeny | | - | 14 | - | 6.5 | - | -10 | -18 | 20 | 2 | partly cloudy, moderate snow |
| Dilke | | 140 | 4 | 5 | 2 | - | -12 | -17 | 15 | 1 | overcast |
| Douglas P.P. | | 15 | 5 | 2 | 2 | - | -20 | -30 | 20 | 10 | mostly clear |
| Duval | | 205 | 8 | 7.5 | 3 | .5 | -2 | -7 | 13 | 0 | cloudy |
| Droese - Kyle | | 40 | - | 5 | - | - | -20 | -25 | 14 | 12 | clear |
| Endeavour | | 5 | 9 | 3 | 3 | - | - | -33 | 1 | 13 | clear |
| Estevan | | 128 | 4 | 7 | 2 | - | -10 | -16 | 15 | 3 | cloudy |
| Fort Qu'Appelle | | 250 | 4 | 10 | 3 | 30 | -2 | -6 | 2 | 1 | mostly cloudy, light snow |
| Fort Walsh | | 190 | 50 | 25 | 29.5 | 2 | +3 | -2 | 18 | 4 | partly cloudy |
| Frenchman R. | | 570 | - | 7 | - | - | 0 | -3 | 2 | 3 | overcast |
| Gardiner Dam | | 248 | 15 | 19.5 | 6 | - | -1 | -4 | 15 | 0 | mostly cloudy |
| Glamis-Wiseton | | 55 | 5 | 2 | 2 | - | -20 | -30 | 25 | 0 | clear |
| Good Spirit Lake | | 94 | 8 | 5 | 4 | 1 | -9 | -20 | 5 | - | clear |
| Govenlock | | - | - | - | - | - | - | - | - | - | |
| Grand Centre | | 112 | 3 | 4 | 1.5 | .5 | -21 | -27 | 14 | 3 | mostly clear |
| Grassland Nat. Park | | 160 | 10 | 14.5 | 3.5 | - | +1 | -4 | 1 | 0 | mostly clear |
| Greenwater P.P. | | 60 | 1 | 3 | 1 | 3 | -12 | -20 | 9 | 6 | clear |
| Humboldt | | 58 | 10 | 3 | 2 | 3 | -14 | -24 | 8 | 6 | partly cloudy |
| Indian Head | | 246 | 11 | 16 | 2.5 | 6 | -2 | -4 | 16 | 10 | mostly cloudy |
| Jamsack | | - | - | - | - | - | - | - | 14 | 12 | |
| Kelvington | | - | - | - | - | 8 | - | -18 | 10 | 8 | |
| Kenaston | | 50 | - | 4 | - | - | 0 | -5 | 6 | 4 | mostly clear |
| Kilwinning | | 87 | 2 | 5 | 1 | - | -20 | -22 | 30 | 10 | overcast, light snow |
| Kutawagan Lake | | 125 | 2 | 5 | 1 | - | -10 | -18 | 10 | 0 | Clear |
| La Ronge | | 141 | 3 | 4 | 1 | 2 | -21 | -36 | 40 | 25 | partly cloudy |
| East Mountain Lake W.M.U. | | 220 | 5 | 6 | 4 | - | -12 | -20 | 8 | 4 | clear |
| Leader | | 18 | 6 | 1 | 3 | 1 | -25 | -32 | 30 | 16 | mostly clear |
| Levelong | | - | 12 | - | 2 | 6 | -25 | -35 | - | - | mostly clear |
| Loon Lake | | - | - | - | - | 6 | -30 | -35 | 3 | 2 | mostly clear |
| Museland | | 69 | 18 | 2 | 9 | 1 | -6 | -10 | 50 | 3 | mostly cloudy, light snow |
| Marcelin | | 30 | 1 | 2.5 | .5 | - | -14 | - | 10 | - | mostly clear |
| Marsden | | 164 | 3 | 7 | 1 | 2 | -24 | -27 | 8 | 5 | clear |
| Maymont | | 70 | - | 3 | - | - | - | - | - | - | |
| McLfort | | 30 | 2 | 6 | 2 | 5 | -23 | -29 | - | 9 | clear |
| McLville | | 50 | 4 | 5 | 2 | 2 | -15 | -28 | 6 | 4 | partly cloudy, light fog |
| Moose Jaw | | 162 | 30.5 | 9 | 11 | 3 | -15 | -16 | 15 | 5 | mostly clear |
| Muenster | | 165 | 2 | 5 | 1 | - | -2 | -10 | 5 | 0 | partly cloudy |
| Mupawin | | - | - | - | - | 6 | - | -24 | - | 10 | overcast |
| Mutlook | | - | 2 | - | .5 | - | -1 | -12 | 2 | 0 | |
| Nike Lake | | 136 | 79 | 15 | 21 | - | -19 | -20 | 10 | 5 | overcast |
| Neeveville | | 10 | 2.5 | .5 | 2 | .5 | -25 | -27 | 15 | 8 | mostly clear |
| Norance Albert (1) | | - | - | - | - | - | - | - | - | - | |
| Norance Albert (2) | | 146 | 8.8 | 9.8 | 4.2 | .5 | 0 | -5 | 3 | 0 | |
| Norance Albert N.P. | | 100 | 68.5 | 11.5 | 36.5 | 1 | 0 | -7 | 6 | 4 | overcast light snow |
| Nyngore | | 220 | 8 | 8 | 5 | 1 | -19 | -32 | 10 | 6 | clear |
| Nyngona | | 707 | 44.5 | 33 | 19 | - | -11 | -18 | 13 | 10 | overcast light snow |
| Nund Lake | | 118 | .5 | 6 | .5 | 6 | -3 | -15 | 30 | 15 | mostly clear |
| Nundy Bay | | - | - | - | - | - | - | - | - | - | |
| Nuskatoon | | 842 | 105 | 63 | 63 | 123 | -22 | -27 | 15 | 12 | partly cloudy |
| Nott | | 172 | 3 | 7 | 1.5 | - | -19 | -15 | 15 | 5 | partly cloudy, light snow |
| Nunavon | | 30 | 1 | 2 | 1 | - | +5 | 0 | 8 | 5 | partly cloudy |
| Osellbrook-Canwood | | 155 | 3 | 8.3 | 2 | - | -20 | -25 | 5 | 0 | partly cloudy |
| Oull Creek | | 20 | 4 | 3 | 3 | 1 | - | -18 | 20 | 16 | clear |
| Oowden | | 76 | 2.5 | 4.5 | 1 | 1.5 | -25 | -29 | 9 | 1 | partly cloudy |
| Oymme | | 90 | 5 | 3 | 2 | 2 | -15 | -17 | 8 | 5 | mostly cloudy |
| Oymney Hill | | 99 | 2 | 5.5 | .8 | - | -23 | -25 | 40 | 20 | |

Table 1. COUNT COVERAGE AND WEATHER CONDITIONS (continued)

| LOCALITY | COVERAGE AND CONDITIONS | KM BY VEHICLE | KM ON FOOT | HOURS BY VEHICLE | HOURS ON FOOT | HOURS AT FEEDERS | TEMPERATURE MAX.* | TEMPERATURE MIN.* | SNOW MAXIMUM* | SNOW MINIMUM* | SKY CONDITIONS |
|-----------------|-------------------------|---------------|------------|------------------|---------------|------------------|-------------------|-------------------|---------------|---------------|----------------|
| Spring Valley | | 60 | 1 | 3.5 | 1 | - | -9 | -16 | 70 | 22 | mostly cloudy |
| Spruce Home | | - | - | 1.5 | .5 | 1 | 0 | -5 | 4 | 0 | |
| Squaw Rapids | | 47 | 76 | 12 | 13 | - | -11 | -17 | 18 | 18 | mostly clear |
| St. Walburg | | 150 | 3.5 | 4 | 1.5 | - | -30 | -35 | 10 | 6 | clear |
| Tisdale | | 30 | - | 2.5 | - | - | -20 | -27 | 10 | 6 | mostly clear |
| Tompkins | | 25 | - | 3 | - | - | - | -6 | 12 | 8 | |
| Turtle Lake | | 60 | 2 | 3 | 2 | 8 | -20 | -25 | 8 | 6 | mostly clear |
| Val Marie | | 64 | 3 | 5.5 | 2 | - | -1 | -5 | 10 | | mostly cloudy |
| Warman | | 50 | 2 | 2.5 | .5 | - | -25 | -28 | 10 | 0 | mostly clear |
| Weyburn | | 301 | 18.5 | 12 | 4 | 1 | -6 | -10 | 12 | 10 | mostly clear |
| White Bear Lake | | 154 | 10 | 3 | 4 | - | - | -5 | 12 | 4 | mostly cloudy |
| Whitebeech | | 4 | 2 | .5 | .5 | 5 | -22 | -23 | 30 | 25 | mostly clear |
| Wolseley | | 79 | .5 | 2 | - | - | -20 | -24 | - | 12 | mostly clear |
| Yorkton | | 80 | 8 | 12 | 3 | .5 | -7 | -17 | - | 7 | overcast |

* Temperature given in degrees Celsius; snow depth in centimeters.

68. SNOWDEN. Elodie Hagel, Irene Hagel, Karen Hagel, Deni Messer, Stacii Messer, Iain Richardson, *Lloyd Saul*. (7)
69. SOMME. Edwin Billeter, David Black, Florence Chase, Betty Edworthy, *Donald Hooper*, Margaret Hooper, Alex Kirk. (7)
70. SPINNEY HILL. *Ed Driver*, Paul Stevens. (2)
71. SPRING VALLEY. Allan Bogdan, *Flossie Bogdan*, Larry Bogdan, Nick Bogdan, Dean Goian. (5)
72. SPRUCE HOME. *Tom Dice*, Sharon Dice. (2)
73. SQUAW RAPIDS. *Wayne Harris*, Sheila Lamont, Wayne Renaud, Guy Wapple, Sandra Wapple. (5)
74. ST. WALBURG. Nigel Caulkett. (1)
75. TISDALE. Joyce Mohr. (1)
76. TOMPKINS. Raymond Olson. (1)
77. TURTLE LAKE. *Muriel Carlson*, P. Chartrand, S. Pavka, Dorothy Texton. (4)
78. VAL MARIE. Jerry Haigh, *Chas Haigh*. (2)
79. WARMAN. Murray Doell. (1)
80. WEYBURN. B. Aldrich, E. Baird Belanger, Leo Belanger, *Ray Belanger*, Stan Belanger, G. Bobbitt, N. Flaten Gutfriend, G. Kurtz, B. Layh, P. Layh Marcotte, R. Neville, N. Postey, R. Rball, L. Sakatch, S. Stairmand, G. Vi J. Weisgerber. (20)
81. WHITE BEAR LAKE. Ray Belanger, *G Bobbitt*, Dick Gutfriend, Stewart S mand, Joe Weisgerber, Rose Weisger (6)
82. WHITEBEECH. *Ida & Lin Wotherspoon*. (2)
83. WOLSELEY. *Dale Chay*, Don Hayw (2)
84. YORKTON. Bill & Joyce Anaka, *Sa Yvette Crane*, Arthur Griffith, Elinor I taas, *Warren Hjertaas*, Lorne & Ma Lepp, Harold & Wilma Wilkinson, *Wiwchar*. (12)

LOCATION OF COUNTS

- | | | |
|-----------------------------------|-----------------------------|--------------------------------|
| 1. ABERNETHY-KATEPWA | 29. GRAND CENTRE-PIERCELAND | 57. PRINCE ALBERT (2) |
| 2. ARCHERWILL | 30. GRASSLAND NATIONAL PK. | 58. PRINCE ALBERT NATIONAL PK. |
| 3. ASSINIBOIA | 31. GREENWATER PROV. PARK | 59. RAYMORE |
| 4. BANGOR | 32. HUMBOLDT | 60. REGINA |
| 5. BARRIER LAKE | 33. INDIAN HEAD | 61. ROUND LAKE |
| 6. BETHUNE | 34. KAMSACK | 62. SANDY BAY |
| 7. BIGGAR | 35. KELVINGTON | 63. SASKATOON |
| 8. BIG MUDDY LAKE | 36. KENASTON | 64. SCOTT |
| 9. BIRCH HILLS | 37. KILWINNING | 65. SHAUNAVON |
| 10. BROADVIEW | 38. KUTAWAGAN LAKE | 66. SHELLBROOK-CANWOOD |
| 11. BROMHEAD | 39. LA RONGE | 67. SKULL CREEK |
| 12. CARRAGANA | 40. LAST MOUNTAIN L. W.M.U. | 68. SNOWDEN |
| 13. CROOKED LAKE PROV. PARK | 41. LEADER | 69. SOMME |
| 14. CYPRESS HILLS PROV. PARK | 42. LIVELONG | 70. SPINNEY HILL |
| 15. DALMENY | 43. LOON LAKE | 71. SPRING VALLEY |
| 16. DILKE | 44. LUSELAND | 72. SPRUCE HOME |
| 17. DOUGLAS PROV. PARK | 45. MARCELIN-LEASK | 73. SQUAW RAPIDS |
| 18. DUVAL | 46. MARSDEN | 74. ST. WALBURG |
| 19. ELROSE-KYLE | 47. MAYMONT | 75. TISDALE |
| 20. ENDEAVOUR | 48. MELFORT | 76. TOMPKINS |
| 21. ESTEVAN | 49. MELVILLE | 77. TURTLE LAKE |
| 22. FORT QU'APPELLE | 50. MOOSE JAW | 78. VAL MARIE |
| 23. FORT WALSH | 51. MUENSTER | 79. WARMAN |
| 24. FRENCHMAN R. (s of Shaunavon) | 52. NIPAWIN | 80. WEYBURN |
| 25. GARDINER DAM | 53. OUTLOOK | 81. WHITE BEAR LAKE |
| 26. GLAMIS-WISETON | 54. PIKE LAKE | 82. WHITEBEECH |
| 27. GOOD SPIRIT LAKE | 55. PREECEVILLE | 83. WOLSELEY |
| 28. GOVENLOCK | 56. PRINCE ALBERT (1) | 84. YORKTON |

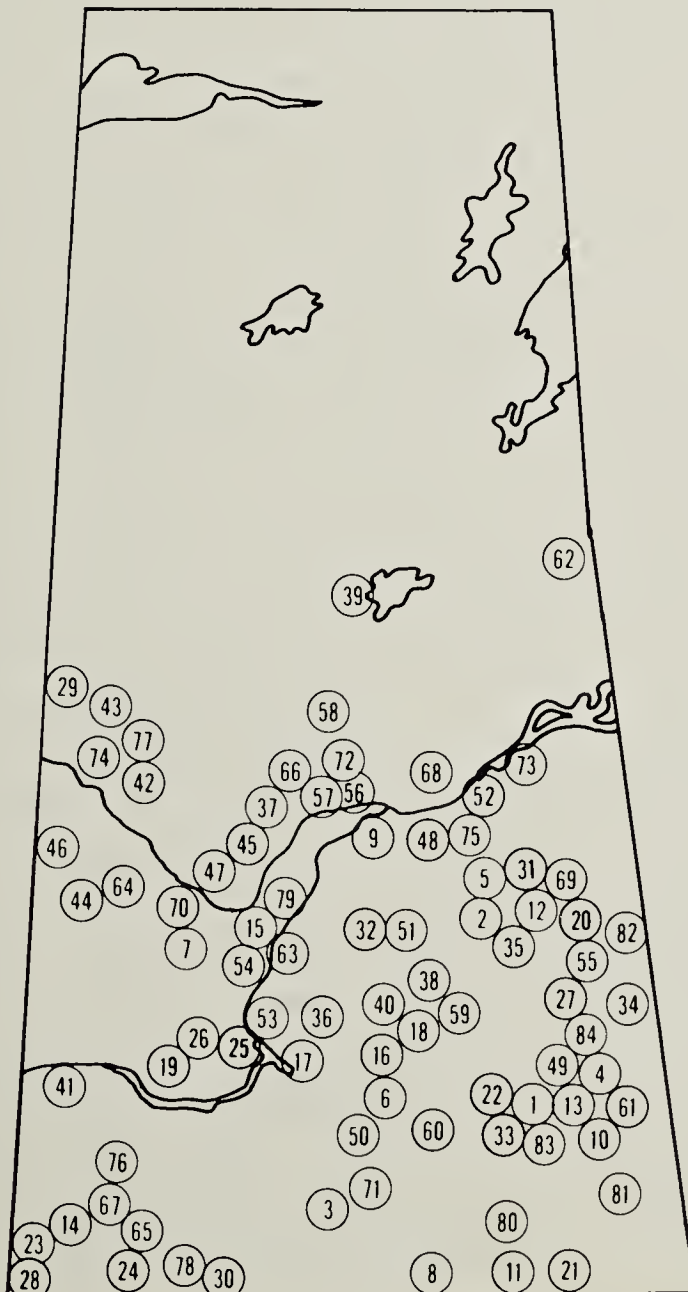


Table 2-1. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 (+ = high count for a species seen during count period but not on count day)

| SPECIES | LOCALITY & DATE | | | | | | | | | |
|--------------------------|-----------------------------|------------------------------|------------------------------|---------------------------|---------------------------------|----------------------------|---------------------------|-----------------------------------|--------------------------------|---------------|
| | 1. ABERNETHY 3 Jan. 1989 | 2. ARCHERWILL 1 Jan. 1989 | 3. ASSINIBOIA 3 Jan. 1989 | 4. BANGOR 26 Dec. 1988 | 5. BARRIER LAKE 20 Dec. 1988 | 6. BETHUNE 19 Dec. 1988 | 7. BIGGAR 28 Dec. 1988 | 8. BIG MUDDY LAKE 29 Dec. 1988 | 9. BIRCH HILLS 23 Dec. 1988 | 10. BROADVIEW |
| CANADA GOOSE | + 125 | | | | | | | | | |
| MALLARD | 46 | | | | | | | | | |
| COMMON GOLDENEYE | | | | | | | | | | |
| BALD EAGLE | + 1 | | | | | | | | | |
| NORTHERN GOSHAWK | | | | | + 2 | | 1 | | | |
| GOLDEN EAGLE | | | 2 | | | 1 | 1 | 6 | | |
| MERLIN | | | | | | | + 1 | | | |
| PRAIRIE FALCON | | | 1 | | | | | | | |
| GRAY PARTRIDGE | 14 | | 112 | 10 | | 7 | 29 | 9 | | |
| RING-NECKED PHEASANT | | | 4 | | | | | 24 | | |
| RUFFED GROUSE | 1 | 1 | | 2 | + 2 | | | | | 11 |
| SHARP-TAILED GROUSE | 4 | | 31 | 29 | + 20 | | 17 | | | 8 |
| ROCK DOVE | 12 | | | 8 | | 8 | 80 | 2 | | 70 |
| GREAT HORNED OWL | + 1 | + 1 | 1 | 1 | 1 | | 1 | 2 | | 1 |
| SNOWY OWL | 1 | | 2 | | 1 | 1 | + 1 | | | |
| SHORT-EARED OWL | | | | | | | 3 | 1 | | |
| DOWNY WOODPECKER | 7 | 3 | | 2 | 2 | | 2 | | | 2 |
| HAIRY WOODPECKER | 8 | 2 | 1 | 2 | 3 | | 3 | | | 4 |
| PILEATED WOODPECKER | | | | | | | | | | |
| HORNED LARK | | | | | | | 262 | 2124 | | |
| GRAY JAY | | | | | 3 | | | | | |
| BLUE JAY | 2 | 5 | | | 7 | | | | | 1 |
| BLACK-BILLED MAGPIE | 25 | 6 | 19 | 9 | 9 | 7 | 46 | 30 | | 43 |
| COMMON RAVEN | | 16 | | 2 | 23 | | | | | 14 |
| BLACK-CAPPED CHICKADEE | 32 | 12 | | 20 | 12 | | 24 | | | 27 |
| BOREAL CHICKADEE | | 6 | | | 2 | | | | | |
| RED-BREASTED NUTHATCH | | | | | | | | | | |
| WHITE-BREASTED NUTHATCH | 6 | + 1 | | | + 1 | | | | | |
| GOLDEN-CROWNED KINGLET | | | | | | | | | | |
| AMERICAN ROBIN | | | | | | | | | | |
| BOHEMIAN WAXWING | + 35 | | | | | | 4 | | | 211 |
| CEDAR WAXWING | | + 12 | | | | | | | | |
| NORTHERN SHRIKE | | | | | + 1 | | 1 | 1 | | |
| EUROPEAN STARLING | | | | | | | 6 | 1 | | 6 |
| DARK-EYED JUNCO | | | | | 6 | | | | | |
| SNOW BUNTING | 290 | 16 | 230 | 60 | | 26 | 45 | 318 | | |
| RUSTY BLACKBIRD | | | | | | | | | | |
| PINE GROSBEAK | + 20 | | | | 20 | | | | | 12 |
| WHITE-WINGED CROSSBILL | | | | | | | | | | |
| COMMON REDPOLL | 15 | + 4 | | 8 | 40 | | 220 | | | 23 |
| HOARY REDPOLL | | | | | + 2 | | 4 | | | |
| PINE SISKIN | | | | | | | | | | |
| EVENING GROSBEAK | | 50 | | | 25 | | | | | 57 |
| HOUSE SPARROW | 117 | 4 | 205 | 40 | 4 | 150 | 437 | 388 | | 87 |
| NO. INDIV. TABLES 3&4 | 12 | | 1 | 1 | 2 | | 1 | 5273 | | 1 |
| NO. SPECIES COUNT DAY | 16 | 12 | 11 | 14 | 17 | 7 | 21 | 14 | | 17 |
| NO. SPECIES COUNT PERIOD | 21 | 15 | 11 | 14 | 23 | 7 | 2 | 14 | | 17 |
| NO. SPECIES TABLE 3&4 | 1 | | 1 | 1 | 2 | | 1 | 2 | | 1 |
| NO. INDIV COUNT DAY | 588 | 126 | 608 | 194 | 188 | 200 | 1189 | 8179 | | 578 |

Table 2-2. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 = high count for a species seen during count period but not on count day)

| 28 Dec. 1988 | 12. CARRAGANA 03 Jan. 1989 | 13. CROOKED LAKE P.P. 28 Dec. 1988 | 14. CYPRESS HILLS P.P. 18 Dec. 1988 | 15. DALMENY 02 Jan. 1989 | 16. Dilke 30 Dec. 1988 | 17. DOUGLAS P. PARK 26 Dec. 1988 | 18. DUVAL 27 Dec. 1988 | 19. ELROSE-KYLE 24 Dec. 1988 | 20. ENDEAVOUR 25 Dec. 1988 | LOCALITY & DATE SPECIES |
|--------------|-------------------------------|---------------------------------------|--|-----------------------------|---------------------------|-------------------------------------|---------------------------|---------------------------------|-------------------------------|----------------------------|
| | | | | + 2 | | 100 | | | | CANADA GOOSE |
| | | | | | | 6 | | | | MALLARD |
| | | | | | | 6 | | | | COMMON GOLDENEYE |
| | | | | | | 4 | | | | BALD EAGLE |
| | | | | | | | | | | NORTHERN GOSHAWK |
| 1 | | | | | + 1 | | | | | GOLDEN EAGLE |
| | 1 | | | | | | | | | MERLIN |
| | | | | | | | | | | PRAIRIE FALCON |
| 05 | | 10 | | | + 5 | 12 | 9 | | | GRAY PARTRIDGE |
| 7 | | | | | | | | | | RING-NECKED PHEASANT |
| | 7 | 4 | | 10 | | | 1 | | 2 | RUFFED GROUSE |
| | 1 | 17 | | 4 | 2 | 8 | 23 | | 9 | SHARP-TAILED GROUSE |
| | 10 | | 6 | + 13 | 1 | 8 | 17 | | | ROCK DOVE |
| 6 | 2 | 1 | 1 | | + 1 | 1 | 1 | | + 1 | GREAT HORNED OWL |
| 7 | | | | | + 1 | 2 | | 2 | + 1 | SNOWY OWL |
| | | 1 | | | | + 1 | | | | SHORT-EARED OWL |
| 2 | 2 | 7 | | | 1 | | | | 1 | DOWNY WOODPECKER |
| | 6 | 6 | | 1 | + 1 | 2 | + 1 | | 2 | HAIRY WOODPECKER |
| | 1 | | | | | | | | | PILEATED WOODPECKER |
| 0 | | 6 | | | 202 | | 234 | 14 | | HORNED LARK |
| | 5 | | | | | | | | 2 | GRAY JAY |
| | 9 | 9 | | | 3 | | + 1 | | 1 | BLUE JAY |
| 2 | 16 | 23 | 21 | 10 | 20 | 28 | 29 | 2 | 1 | BLACK-BILLED MAGPIE |
| | 27 | | | | | | | | + 17 | COMMON RAVEN |
| 4 | 12 | 47 | 8 | 11 | | 9 | 15 | | 3 | BLACK-CAPPED CHICKADEE |
| | 1 | | | | | | | | | BOREAL CHICKADEE |
| | | | 2 | | | | | | | RED-BREASTED NUTHATCH |
| | 2 | 4 | | | | | | | | WHITE-BREASTED NUTHATCH |
| | | | | | | | | | | GOLDEN-CROWNED KINGLET |
| | | | | | | + 1 | | | | AMERICAN ROBIN |
| | 6 | 206 | | | | | | | | BOHEMIAN WAXWING |
| | | | | | | 60 | | | + 6 | CEDAR WAXWING |
| | | 3 | | | | | | | | NORTHERN SHRIKE |
| | | | | | + 4 | 12 | | | | EUROPEAN STARLING |
| | | | | | | | | | | DARK-EYED JUNCO |
| 5 | | | | 600 | 200 | 23 | 338 | | 25 | SNOW BUNTING |
| | | | | | | | | | | RUSTY BLACKBIRD |
| | 15 | | | | | | | | 19 | PINE GROSBEAK |
| | | | | | | | | | | WHITE-WINGED CROSSBILL |
| | 40 | 1 | | | | | | | 40 | COMMON REDPOLL |
| | | | | | | | | | | HOARY REDPOLL |
| | | | | | | | | | | PINE SISKIN |
| | 30 | 3 | | | | 1 | | | | EVENING GROSBEAK |
| 7 | | 35 | | 35 | 167 | 30 | 222 | | 27 | HOUSE SPARROW |
| | 1 | | 18 | 1 | | 21 | | | | NO. INDIV. TABLES 3&4 |
| | 21 | 17 | 7 | 8 | 8 | 21 | 10 | 3 | 12 | NO. SPECIES COUNT DAY |
| | 21 | 17 | 7 | 10 | 14 | 23 | 12 | 3 | 16 | NO. SPECIES COUNT PERIOD |
| | 1 | | 2 | 1 | | 4 | | | | NO. SPECIES TABLE 3&4 |
| 0 | 194 | 383 | 56 | 662 | 596 | 333 | 889 | 18 | 132 | NO. INDIV COUNT DAY |

Table 2-3. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 (+ = high count for a species seen during count period but not on count day)

| SPECIES | LOCALITY & DATE | | | | | | | | | |
|--------------------------|-----------------------------|-------------------------------------|--------------------------------|-------------------------------------|----------------------------------|------------------------------------|--------------------------------------|-------------------------------|----------------------------------|---------------------|
| | 21. ESTEVAN 24 Dec. 1988 | 22. FORT QU'APPELLE 19 Dec. 1988 | 23. FORT WALSH 17 Dec. 1988 | 24. FRENCHMAN RIVER 18 Dec. 1988 | 25. GARDINER DAM 19 Dec. 1988 | 26. GLAMIS-WISETON 01 Jan. 1989 | 27. GOOD SPIRIT LAKE 21 Dec. 1988 | 28. GOVENLOCK 18 Dec. 1988 | 29. GRAND CENTRE 26 Dec. 1988 | 30. CRAIGSLAND N.P. |
| CANADA GOOSE | 457 | 30 | | | 830 | | | | | |
| MALLARD | 12 | 27 | 9 | | 8956 | | | | | |
| COMMON GOLDENEYE | 2 | 10 | | | 216 | | | | +75 | |
| BALD EAGLE | | +1 | +1 | +1 | 17 | | | | | |
| NORTHERN GOSHAWK | | | 1 | | | | 1 | | | |
| GOLDEN EAGLE | | | 6 | 3 | 7 | | | 9 | | |
| MERLIN | | 1 | 3 | | 1 | | | +1 | | |
| PRAIRIE FALCON | +1 | | +1 | +1 | | | | 2 | | |
| GRAY PARTRIDGE | 82 | 6 | 24 | 27 | 32 | 12 | | 54 | | |
| RING-NECKED PHEASANT | | 1 | 7 | | 1 | | | 20 | | |
| RUFFED GROUSE | | 1 | 1 | | | | +2 | | 1 | |
| SHARP-TAILED GROUSE | | +6 | 21 | 1 | 22 | 2 | 39 | 16 | | |
| ROCK DOVE | 39 | 18 | 5 | | 79 | 3 | 3 | 1 | 13 | |
| GREAT HORNED OWL | 5 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | | |
| SNOWY OWL | 1 | 1 | | | 3 | 2 | 1 | 5 | | |
| SHORT-EARED OWL | | | | | | | | | | |
| DOWNY WOODPECKER | | 10 | 5 | | 1 | | 8 | | 2 | |
| HAIRY WOODPECKER | 2 | 3 | 5 | | | | 10 | | 5 | |
| PILEATED WOODPECKER | | | | | | | | | | |
| HORNED LARK | 21 | 15 | 101 | 130 | 17 | 45 | | 248 | | |
| GRAY JAY | | | | | | | | | 1 | |
| BLUE JAY | | 8 | | | | | +1 | | 7 | |
| BLACK-BILLED MAGPIE | 5 | 41 | 204 | 24 | 90 | 1 | 39 | 2 | 11 | |
| COMMON RAVEN | | | | | | | 23 | | 46 | |
| BLACK-CAPPED CHICKADEE | 18 | 46 | 114 | | 34 | | 42 | | 29 | |
| BOREAL CHICKADEE | | | | | | | | | 2 | |
| RED-BREASTED NUTHATCH | | 2 | 18 | | | | | | | |
| WHITE-BREASTED NUTHATCH | 2 | 7 | | | | | 2 | | | |
| GOLDEN-CROWNED KINGLET | 2 | 2 | 19 | | | | | | | |
| AMERICAN ROBIN | | | | | 1 | | | | | |
| BOHEMIAN WAXWING | | +30 | 17 | | | | +12 | | | |
| CEDAR WAXWING | | | | | | | | | | |
| NORTHERN SHRIKE | | 1 | 3 | | 4 | | 1 | | | |
| EUROPEAN STARLING | 51 | | | | 56 | | 16 | 1 | 28 | |
| DARK-EYED JUNCO | | | 5 | | | | | 1 | | |
| SNOW BUNTING | 14 | 30 | 6 | 70 | 65 | 75 | 2 | 3970 | 75 | |
| RUSTY BLACKBIRD | 1 | 3 | 16 | | | | 4 | 1 | | |
| PINE GROSBEAK | | +12 | | | | | 1 | | 8 | |
| WHITE-WINGED CROSSBILL | | | 2 | | | | | | 23 | |
| COMMON REDPOLL | | 2 | 30 | | 20 | | 27 | | 58 | |
| HOARY REDPOLL | | | | | | | | | | |
| PINE SISKIN | | | | | | | | | | |
| EVENING GROSBEAK | | | | | | | +1 | | 75 | |
| HOUSE SPARROW | 80 | 377 | 238 | 35 | 489 | 15 | 239 | 225 | 22 | |
| NO. INDIV. TABLES 3&4 | 1 | 15 | 197 | | 218 | | | 19 | | |
| NO. SPECIES COUNT DAY | 18 | 29 | 34 | 8 | 43 | 9 | 18 | 19 | 17 | |
| NO. SPECIES COUNT PERIOD | 19 | 35 | 37 | 10 | 44 | 9 | 22 | 21 | 18 | |
| NO. SPECIES TABLE 3&4 | 1 | 7 | 10 | | 22 | | | 6 | | |
| NO. INDIV COUNT DAY | 795 | 657 | 1058 | 2911 | 1161 | 156 | 475 | 4577 | 481 | 1 |

Table 2-4. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 + = high count for a species seen during count period but not on count day)

| | | | | | | | | | | LOCALITY & DATE |
|-------------------------------------|------------------------------|---------------------------------|-----------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------------|------------------------------|--------------------------------------|--------------------------|
| 31. GREENWATER P.P. 21 Dec. 1988 | 32. HUMBOLDT 26 Dec. 1988 | 33. INDIAN HEAD 30 Dec. 1988 | 34. KAMSACK 04 Jan. 1989 | 35. KELVINGTON 24 Dec. 1988 | 36. KENASTON 26 Dec. 1988 | 37. KILWINNING 30 Dec. 1988 | 38. KUTAWAGAN LAKE 03 Jan. 1989 | 39. LA RONGE 27 Dec. 1988 | 40. LAST MOUNTAIN L. 26 Dec. 1988 | |
| | | 10 | | | | | | | | CANADA GOOSE |
| | | 47 | | | | | | | | MALLARD |
| | | | | | | | | | | COMMON GOLDENEYE |
| +1 | | 1 | | | | | | | | BALD EAGLE |
| +1 | | | | | | 1 | | | | NORTHERN GOSHAWK |
| | | | | | | | | | 1 | GOLDEN EAGLE |
| | +1 | 1 | | | | | | | | MERLIN |
| | | | | | | | | | | PRAIRIE FALCON |
| | 16 | 52 | 10 | | +28 | | 34 | | 36 | GRAY PARTRIDGE |
| | | | | | | | | | | RING-NECKED PHEASANT |
| +1 | 2 | 6 | 10 | 3 | | 4 | | | | RUFFED GROUSE |
| 15 | 38 | | | +9 | 2 | | 12 | | 8 | SHARP-TAILED GROUSE |
| 6 | 190 | | | | 28 | 8 | 14 | | 196 | ROCK DOVE |
| 2 | +2 | 2 | +1 | | 1 | | | | | GREAT HORNED OWL |
| | +1 | 2 | | | | | | | | SNOWY OWL |
| | | | | | +1 | | | | 3 | SHORT-EARED OWL |
| 3 | 10 | 4 | 4 | 2 | +1 | 2 | | 1 | 2 | DOWNY WOODPECKER |
| 7 | +2 | 6 | 6 | 2 | | 4 | | 2 | | HAIRY WOODPECKER |
| 2 | | | 1 | | | | | | | PILEATED WOODPECKER |
| | 6 | 2 | | | 377 | 2 | 7 | | 69 | HORNED LARK |
| 3 | | | 2 | | | | | 3 | | GRAY JAY |
| 6 | +4 | 8 | 20 | 2 | +2 | 2 | | 1 | | BLUE JAY |
| 28 | 14 | 39 | 6 | 1 | 15 | 19 | 29 | | 38 | BLACK-BILLED MAGPIE |
| 24 | | | 7 | 2 | | 3 | | 106 | | COMMON RAVEN |
| 38 | 38 | 87 | 15 | 8 | +2 | 16 | | 5 | | BLACK-CAPPED CHICKADEE |
| 2 | | | 20 | | | | | 1 | | BOREAL CHICKADEE |
| | | 5 | | | | | | | | RED-BREASTED NUTHATCH |
| 10 | | 6 | 4 | 1 | | | | | | WHITE-BREASTED NUTHATCH |
| | 3 | | | | | | | | | GOLDEN-CROWNED KINGLET |
| | | | 1 | | | | | | | AMERICAN ROBIN |
| 25 | | | 40 | | | | | | | BOHEMIAN WAXWING |
| | | | 120 | | | | | | | CEDAR WAXWING |
| | | | | | | 1 | | | | NORTHERN SHRIKE |
| | +5 | 8 | | | | | | | 19 | EUROPEAN STARLING |
| | | | 6 | | | | | | | DARK-EYED JUNCO |
| 15 | 44 | 95 | 50 | 500 | 573 | 352 | 46 | | 1542 | SNOW BUNTING |
| | | | | | | | | | | RUSTY BLACKBIRD |
| +6 | | | 40 | 12 | | 38 | | 29 | | PINE GROSBEAK |
| 3 | | | | | | 1 | | | | WHITE-WINGED CROSSBILL |
| 20 | 12 | | 40 | | +55 | 160 | | 14 | | COMMON REDPOLL |
| | | | 8 | | | | | 5 | | HOARY REDPOLL |
| | | | 8 | | | | | | | PINE SISKIN |
| 17 | | | 400 | 2 | | 54 | | 67 | | EVENING GROSBEAK |
| 17 | 146 | 142 | 100 | 6 | 35 | 38 | 127 | | 510 | HOUSE SPARROW |
| 1 | 1 | 4 | 3 | | | | 1 | | | NO. INDIV. TABLES 3&4 |
| 18 | 12 | 22 | 25 | 12 | 8 | 17 | 8 | 11 | 11 | NO. SPECIES COUNT DAY |
| 24 | 19 | 22 | 26 | 13 | 13 | 17 | 8 | 11 | 11 | NO. SPECIES COUNT PERIOD |
| 1 | 1 | 3 | 2 | | | | 1 | | | NO. SPECIES TABLE 3&4 |
| 09 | 519 | 528 | 921 | 541 | 1042 | 705 | 270 | 234 | 2424 | NO. INDIV COUNT DAY |

Table 2-5. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 (+ = high count for a species seen during count period but not on count day)

| SPECIES | LOCALITY & DATE | | | | | | | | | |
|--------------------------|----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|---------------|
| | 41. LEADER 26 Dec. 1988 | 42. LIVELONG 24 Dec. 1988 | 43. LOON LAKE 26 Dec. 1988 | 44. LUSELAND 02 Jan. 1989 | 45. MARCELIN-LEASK 24 Dec. 1988 | 46. MARSDEN 26 Dec. 1988 | 47. MAYMONT 21 Dec. 1988 | 48. MELFORT 27 Dec. 1988 | 49. MELVILLE 25 Dec. 1988 | 50. MOOSE JAW |
| CANADA GOOSE | 2 | | | | | | | | | |
| MALLARD | | | | | | | | | | |
| COMMON GOLDENEYE | | | | | | | | | | |
| BALD EAGLE | +1 | | | | | | | | | |
| NORTHERN GOSHAWK | | +1 | | | | | | | | |
| GOLDEN EAGLE | | | | | | | | | | |
| MERLIN | | | | +1 | | | | | | + |
| PRAIRIE FALCON | | | | | | | | | | |
| GRAY PARTRIDGE | 7 | | | 23 | | 4 | | 22 | 15 | 11 |
| RING-NECKED PHEASANT | 12 | | | | | | | | | |
| RUFFED GROUSE | | | | | | | | | 1 | |
| SHARP-TAILED GROUSE | 10 | | | 19 | | 13 | 9 | +1 | 25 | |
| ROCK DOVE | | 30 | | 32 | | 32 | | | 17 | 23 |
| GREAT HORNED OWL | | | | 1 | | 2 | | 2 | 2 | |
| SNOWY OWL | | | | | | 1 | 1 | +1 | | |
| SHORT-EARED OWL | | | | +1 | | | 1 | | | |
| DOWNY WOODPECKER | | 3 | 2 | 1 | | 5 | 2 | 8 | 2 | |
| HAIRY WOODPECKER | | 2 | 2 | | | 4 | | 2 | | |
| PILEATED WOODPECKER | | | | | | | | | | |
| HORNED LARK | | | | 67 | | | | | | |
| GRAY JAY | | +1 | | | | | | | | |
| BLUE JAY | | 5 | 1 | 13 | | 7 | 5 | 4 | | |
| BLACK-BILLED MAGPIE | 31 | 2 | 2 | 15 | 7 | 8 | 6 | 5 | 3 | 6 |
| COMMON RAVEN | | 6 | 28 | | 2 | +1 | 5 | 6 | | |
| BLACK-CAPPED CHICKADEE | 1 | 12 | 6 | 10 | 1 | 119 | 5 | 18 | 5 | 3 |
| BOREAL CHICKADEE | | | | | | 2 | | | | |
| RED-BREASTED NUTHATCH | | | | | | 1 | | | | |
| WHITE-BREASTED NUTHATCH | | | | | | | | 2 | | |
| GOLDEN-CROWNED KINGLET | | | | | | | | | | |
| AMERICAN ROBIN | | | | | | | | +1 | | |
| BOHEMIAN WAXWING | | | | | | 660 | | 350 | | |
| CEDAR WAXWING | | | | | 20 | | | | | + |
| NORTHERN SHRIKE | | | | | | | | | | |
| EUROPEAN STARLING | | | | 5 | | 1 | | | | 16 |
| DARK-EYED JUNCO | | | | | | | | 1 | | |
| SNOW BUNTING | | +60 | | 1325 | +2000 | 1520 | 7 | +300 | 1000 | |
| RUSTY BLACKBIRD | | | | | | | | | | |
| PINE GROSBEAK | | | | | | | | | | |
| WHITE-WINGED CROSSBILL | | +1 | | | | | | 1 | | |
| COMMON REDPOLL | | | 6 | | | 1 | | | | 4 |
| HOARY REDPOLL | | | | | | | | | | |
| PINE SISKIN | | | | | | 2 | | | | |
| EVENING GROSBEAK | | 50 | 25 | | | 11 | | 35 | | |
| HOUSE SPARROW | 7 | 50 | 20 | 190 | | 105 | 12 | 650 | 20 | 107 |
| NO. INDIV. TABLES 3&4 | | | | 1 | 1 | 2 | | | | |
| NO. SPECIES COUNT DAY | 7 | 9 | 9 | 12 | 4 | 21 | 10 | 14 | 10 | 1 |
| NO. SPECIES COUNT PERIOD | 8 | 13 | 9 | 15 | 6 | 22 | 10 | 18 | 10 | 1 |
| NO. SPECIES TABLE 3&4 | | | | 1 | 1 | 2 | | | | |
| NO. INDIV COUNT DAY | 70 | 160 | 92 | 1701 | 30 | 2500 | 53 | 1106 | 1090 | 175 |

Table 2-6. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 + = high count for a species seen during count period but not on count day)

| | | | | | | | | | | LOCALITY & DATE | |
|-----|-----|-----|------|----|-----|------|-----|------|------|-----------------|--------------------------|
| | | | | | | | | | | SPECIES | |
| | | | | | | | | | | 696 | CANADA GOOSE |
| | | | | | | | | | | 14 | MALLARD |
| | | 2 | | | | | | | | 1 | COMMON GOLDENEYE |
| | | | | | | | 1 | | | | BALD EAGLE |
| | | | | | | | 1 | | | | NORTHERN GOSHAWK |
| | | | | | | | | | | | GOLDEN EAGLE |
| 1 | | | | | | | | | | 2 | MERLIN |
| | | | | | | | | | | | PRAIRIE FALCON |
| 9 | | 11 | 3 | | | | | 7 | 95 | | GRAY PARTRIDGE |
| | | | | | | | | | 1 | | RING-NECKED PHEASANT |
| | +3 | | 1 | 1 | | | 9 | 2 | | | RUFFED GROUSE |
| | | | 18 | | | | | 16 | 10 | | SHARP-TAILED GROUSE |
| 110 | | 63 | 3 | | | 521 | | 13 | 1276 | | ROCK DOVE |
| | | | 2 | | | | | 2 | 8 | | GREAT HORNED OWL |
| | | 1 | | | | | | | 12 | | SNOWY OWL |
| | | | 1 | | | | | | 3 | | SHORT-EARED OWL |
| 1 | 2 | | 6 | 3 | 2 | | 6 | 1 | 4 | | DOWNY WOODPECKER |
| | 2 | | 10 | 2 | 2 | 6 | 2 | 2 | 3 | | HAIRY WOODPECKER |
| | | | | | 1 | | 4 | | | | PILEATED WOODPECKER |
| | | 30 | | | | | | 22 | 86 | | HORNED LARK |
| | | | 1 | | | 2 | 47 | | | | GRAY JAY |
| 2 | 3 | | 21 | 1 | 2 | 5 | 4 | 1 | 1 | | BLUE JAY |
| 21 | | 25 | 74 | | 4 | 65 | 45 | 43 | 117 | | BLACK-BILLED MAGPIE |
| | 9 | | 1 | 2 | 3 | 87 | 48 | | | | COMMON RAVEN |
| 16 | 6 | 9 | 49 | 10 | 6 | 19 | 75 | 7 | 18 | | BLACK-CAPPED CHICKADEE |
| | | | | | | 1 | 19 | | | | BOREAL CHICKADEE |
| | | | | | | | 3 | | | | RED-BREASTED NUTHATCH |
| | +1 | | 2 | | 2 | 1 | 3 | | 8 | | WHITE-BREASTED NUTHATCH |
| | | | | | | | 3 | | | | GOLDEN-CROWNED KINGLET |
| | | | 3 | | | | | | 1 | | AMERICAN ROBIN |
| | +15 | | 470 | | 40 | 316 | +4 | 27 | | | BOHEMIAN WAXWING |
| | | | | | | 1 | | | | | CEDAR WAXWING |
| | | | | | | | | | | | NORTHERN SHRIKE |
| 15 | | 5 | | 5 | | 100 | | 12 | 161 | | EUROPEAN STARLING |
| | | | | | | | | | 2 | | DARK-EYED JUNCO |
| 00 | | | 104 | | | | | 1 | 460 | | SNOW BUNTING |
| | | | | | | | | | | | RUSTY BLACKBIRD |
| | 1 | | 2 | | | 6 | | | | | PINE GROSBEAK |
| | | | | | | | 29 | | | | WHITE-WINGED CROSSBILL |
| | | | 229 | | | 2 | | | | | COMMON REDPOLL |
| | | | 1 | | | | 59 | | | | HOARY REDPOLL |
| | | | 3 | | | | +3 | | | | PINE SISKIN |
| | 52 | | 10 | 13 | 100 | 76 | 45 | | | | EVENING GROSBEAK |
| 7 | | 300 | 440 | 7 | | 277 | | 1113 | 1858 | | HOUSE SPARROW |
| | | | 2 | | 2 | 36 | 11 | 30 | 6 | | NO. INDIV. TABLES 3&4 |
| 10 | 7 | 9 | 25 | 9 | 12 | 18 | 25 | 16 | 25 | | NO. SPECIES COUNT DAY |
| 10 | 10 | 9 | 25 | 9 | 12 | 18 | 27 | 18 | 25 | | NO. SPECIES COUNT PERIOD |
| | | | 2 | | 2 | 2 | 6 | 3 | 2 | | NO. SPECIES TABLE 3&4 |
| 82 | 75 | 446 | 1456 | 44 | 164 | 1521 | 417 | 1299 | 4843 | | NO. INDIV COUNT DAY |

Table 2-7. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 (+ = high count for a species seen during count period but not on count day)

| SPECIES | LOCALITY & DATE | | | | | | | | | |
|--------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|---------------------------------|-----------------------------|---------------------------|----------------------------------|
| | 61. ROUND LAKE 03 Jan. 1989 | 62. SANDY BAY 23 Dec. 1988 | 63. SASKATOON 26 Dec. 1988 | 64. SCOTT 02 Jan. 1989 | 65. SHAUNAVON 17 Dec. 1988 | 66. SHELLBROOK 27 Dec. 1988 | 67. SKULL CREEK 26 Dec. 1988 | 68. SNOWDEN 30 Dec. 1988 | 69. SOMME 17 Dec. 1988 | 70. SPINNEY HILL 17 Dec. 1988 |
| CANADA GOOSE | | | 32 | | | | | | | |
| MALLARD | | | 38 | | | | | | | |
| COMMON GOLDENEYE | | | 122 | | | | | | | |
| BALD EAGLE | | | | | 1 | | | | 1 | |
| NORTHERN GOSHAWK | | | | | | | +1 | | 1 | |
| GOLDEN EAGLE | | | | | | | 2 | | +1 | |
| MERLIN | | | 4 | | | | | | | |
| PRAIRIE FALCON | | | | | | | | | | |
| GRAY PARTRIDGE | 25 | | 9 | 15 | 26 | | 4 | | +6 | |
| RING-NECKED PHEASANT | 1 | | | | | | 8 | | | |
| RUFFED GROUSE | 3 | | | | | 1 | | 1 | 5 | |
| SHARP-TAILED GROUSE | 7 | 1 | 49 | 3 | +2 | 14 | 13 | | 14 | |
| ROCK DOVE | | | 2504 | 55 | | 38 | 64 | | 12 | |
| GREAT HORNED OWL | 1 | 1 | 5 | 2 | 1 | 1 | 4 | +1 | 3 | |
| SNOWY OWL | | | | | | | | | 1 | |
| SHORT-EARED OWL | | | | | | 1 | | | | |
| DOWNY WOODPECKER | 6 | | 31 | 1 | | | 5 | 1 | 3 | |
| HAIRY WOODPECKER | 7 | | 18 | | | | 6 | +1 | 5 | |
| PILEATED WOODPECKER | 1 | | | | | | | +1 | 3 | |
| HORNED LARK | | | 127 | 2 | 123 | | 160 | | +1 | |
| GRAY JAY | | 3 | | | | 1 | | 3 | 11 | |
| BLUE JAY | 5 | | 14 | | | | | 11 | 10 | |
| BLACK-BILLED MAGPIE | 22 | | 439 | 28 | 14 | | 39 | 6 | 9 | 1 |
| COMMON RAVEN | 4 | 15 | | | | 14 | | 50 | 19 | |
| BLACK-CAPPED CHICKADEE | 28 | | 205 | 5 | | 11 | 16 | 14 | 24 | |
| BOREAL CHICKADEE | | | | | | 2 | | +3 | 5 | |
| RED-BREASTED NUTHATCH | | | 2 | | | | | | | |
| WHITE-BREASTED NUTHATCH | 12 | | 1 | | | | | 1 | 2 | |
| GOLDEN-CROWNED KINGLET | | | 3 | | | | | | | |
| AMERICAN ROBIN | | | 4 | | | | 1 | | +1 | |
| BOHEMIAN WAXWING | | | 79 | 45 | | 85 | 105 | | | 3 |
| CEDAR WAXWING | | | 3 | | | | | | | |
| NORTHERN SHRIKE | | | 1 | | | | | | +1 | |
| EUROPEAN STARLING | 1 | | 32 | 4 | | | | | | |
| DARK-EYED JUNCO | | | 1 | | | | 1 | | | |
| SNOW BUNTING | | | 1166 | 884 | 100 | | 9 | 164 | 107 | 33 |
| RUSTY BLACKBIRD | | | | | | | 1 | | | |
| PINE GROSBEAK | | | 2 | | | 1 | | | 9 | |
| WHITE-WINGED CROSSBILL | | | | 4 | | | | | | |
| COMMON REDPOLL | 6 | | 283 | | | 552 | 11 | 5 | 30 | 6 |
| HOARY REDPOLL | | | | | | 10 | | | +1 | |
| PINE SISKIN | | | 11 | | | | | | | |
| EVENING GROSBEAK | 75 | | | | | 107 | | 186 | 14 | |
| HOUSE SPARROW | 25 | | 2374 | 147 | 21 | 92 | 64 | 8 | 86 | |
| NO. INDIV. TABLES 3&4 | 2 | 2 | 8 | | | | 63 | | 3 | |
| NO. SPECIES COUNT DAY | 17 | 7 | 33 | 13 | 5 | 15 | 20 | 12 | 24 | |
| NO. SPECIES COUNT PERIOD | 18 | 6 | 33 | 13 | 8 | 15 | 23 | 16 | 31 | |
| NO. SPECIES TABLE 3&4 | 1 | 2 | 5 | | | | 4 | | 3 | |
| NO. INDIV COUNT DAY | 229 | 21 | 7567 | 1195 | 185 | 930 | 573 | 450 | 376 | 40 |

Table 2-8. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES

= high count for a species seen during count period but not on count day)

| 29 Dec. 1988 | 72. SPRUCE HOME 18 Dec. 1988 | 73. SQUAW RAPIDS 22 Dec. 1988 | 74. ST. WALBURG 26 Dec. 1988 | 75. TISDALE 25 Dec. 1988 | 76. TOMPKINS 29 Dec. 1988 | 77. TURTLE LAKE 26 Dec. 1988 | 78. VAL MARIE 20 Dec. 1988 | 79. WARMAN 26 Dec. 1988 | 80. WEYBURN 17 Dec. 1988 | LOCALITY & DATE | SPECIES |
|--------------|---------------------------------|----------------------------------|---------------------------------|-----------------------------|------------------------------|---------------------------------|-------------------------------|----------------------------|-----------------------------|-----------------|--------------------------|
| | | 34 | | | | | | | | | CANADA GOOSE |
| | | 157 | | | | | | | | | MALLARD |
| | | 8 | | | | +1 | | | | | COMMON GOLDENEYE |
| | | 3 | | | | +1 | | | | | BALD EAGLE |
| +1 | | | | | 3 | | 1 | | | | NORTHERN GOSHAWK |
| | | | | | | | | | 4 | | GOLDEN EAGLE |
| | | | | | | | | | 1 | | MERLIN |
| 89 | | | | | 9 | | 70 | | 239 | | PRAIRIE FALCON |
| | | | | | | | 90 | | 3 | | GRAY PARTRIDGE |
| | 1 | 2 | | | | 2 | | | | | RING-NECKED PHEASANT |
| 15 | | 3 | | | 54 | | 6 | 2 | 36 | | RUFFED GROUSE |
| 18 | | | | | | 4 | 34 | | 254 | | SHARP-TAILED GROUSE |
| 4 | 1 | 5 | | | | +1 | 4 | | 2 | | ROCK DOVE |
| -1 | | | | | | | | | 1 | | GREAT HORNED OWL |
| -2 | | | | | | | | | | | SNOWY OWL |
| | 1 | 3 | | 3 | | 2 | | | 1 | | SHORT-EARED OWL |
| | 1 | 8 | 2 | 1 | | 3 | | | 2 | | DOWNY WOODPECKER |
| | | 7 | | | | +1 | | | | | HAIRY WOODPECKER |
| 22 | | | | | 35 | | | | 11 | | PILEATED WOODPECKER |
| | | 7 | 1 | | | 5 | | | | | HORNED LARK |
| | 4 | 8 | 2 | 4 | | 7 | | | | | GRAY JAY |
| 4 | 2 | 16 | 3 | 6 | 8 | 7 | 80 | 8 | 25 | | BLUE JAY |
| | 3 | 81 | 18 | 9 | | 2 | | | | | BLACK-BILLED MAGPIE |
| | 17 | 13 | 2 | 5 | | 21 | | | 7 | | COMMON RAVEN |
| | | 7 | | | | 1 | | | | | BLACK-CAPPED CHICKADEE |
| | | | | | | +1 | | | | | BOREAL CHICKADEE |
| | | 1 | | | | 5 | | | 2 | | RED-BREASTED NUTHATCH |
| | | | | | | +2 | | | | | WHITE-BREASTED NUTHATCH |
| | | | | | | | | | | | GOLDEN-CROWNED KINGLET |
| | | | | | | | | | | | AMERICAN ROBIN |
| | | | | | | | | | +1 | | BOHEMIAN WAXWING |
| | | | | | | | | | | | CEDAR WAXWING |
| 4 | | | | | | +1 | | | 1 | | NORTHERN SHRIKE |
| | | | | | | +3 | | | | | EUROPEAN STARLING |
| | | | | | | | | | 2 | | DARK-EYED JUNCO |
| 0 | | | 18 | | 50 | | 38 | | 457 | | SNOW BUNTING |
| | | | | | | +1 | | | | | RUSTY BLACKBIRD |
| | 10 | 85 | 8 | | | 1 | | | | | PINE GROSBEAK |
| | | | | 11 | | | | | | | WHITE-WINGED CROSSBILL |
| 6 | | 24 | 5 | | | 8 | | | | | COMMON REDPOLL |
| | | | | | | 1 | | | | | HOARY REDPOLL |
| | | | | | | | | | | | PINE SISKIN |
| | 16 | 33 | | 10 | | 123 | | | | | EVENING GROSBEAK |
| 5 | | 4 | 5 | 15 | | 3 | 30 | 5 | 836 | | HOUSE SPARROW |
| 1 | | 31 | | | | 1 | | | 33 | | NO. INDIV. TABLES 3&4 |
| 9 | 10 | 27 | 10 | 9 | 6 | 16 | 9 | 3 | 19 | | NO. SPECIES COUNT DAY |
| 4 | 10 | 27 | 10 | 9 | 6 | 26 | 9 | 3 | 23 | | NO. SPECIES COUNT PERIOD |
| 1 | | 7 | | | | 1 | | | 3 | | NO. SPECIES TABLE 3&4 |
| 2 | 56 | 540 | 64 | 64 | 159 | 228 | 353 | 15 | 1918 | | NO. INDIV COUNT DAY |

Table 2-9. SPECIES RECORDED FROM MORE THAN FIVE LOCALITIES
 (+ = high count for a species seen during count period but not on count day)

| SPECIES | LOCALITY & DATE | | | | TOTAL INDIVIDUALS | NUMBER OF COUNTS ON COUNT DAY | NUMBER OF COUNTS |
|--------------------------|-------------------------------------|--------------------------------|------------------------------|-----------------------------|-------------------|-------------------------------|------------------|
| | 81. WHITE BEAR LAKE 20 Dec. 1988 | 82. WHITEBEECH 01 Jan. 1989 | 83. WOLSELEY 01 Jan. 1989 | 84. YORKTON 17 Dec. 1988 | | | |
| CANADA GOOSE | | | | | 2178 | 9 | |
| MALLARD | | | | 8 | 9163 | 10 | |
| COMMON GOLDENEYE | | | | | 359 | 7 | |
| BALD EAGLE | | | + 1 | | 24 | 5 | |
| NORTHERN GOSHAWK | | | | | 6 | 6 | |
| GOLDEN EAGLE | | | | | 43 | 13 | |
| MERLIN | | | | + 1 | 20 | 10 | |
| PRAIRIE FALCON | | | | | 5 | 4 | |
| GRAY PARTRIDGE | | | + 4 | 6 | 1524 | 42 | |
| RING-NECKED PHEASANT | | | | | 157 | 14 | |
| RUFFED GROUSE | | + 1 | 1 | | 97 | 30 | |
| SHARP-TAILED GROUSE | 2 | | + 6 | 15 | 649 | 44 | |
| ROCK DOVE | 17 | | + 5 | 328 | 6498 | 47 | |
| GREAT HORNED OWL | | | 1 | | 91 | 44 | |
| SNOWY OWL | | | | | 39 | 19 | |
| SHORT-EARED OWL | | | | | 19 | 13 | |
| DOWNY WOODPECKER | 3 | | | 3 | 200 | 53 | |
| HAIRY WOODPECKER | 8 | 2 | + 1 | | 192 | 48 | |
| PILEATED WOODPECKER | | | | | 13 | 7 | |
| HORNED LARK | | | + 2 | | 5921 | 30 | |
| GRAY JAY | | | | | 93 | 16 | |
| BLUE JAY | 3 | 4 | | 2 | 237 | 44 | |
| BLACK-BILLED MAGPIE | 23 | | 8 | 20 | 2332 | 75 | |
| COMMON RAVEN | | + 5 | | 3 | 649 | 34 | |
| BLACK-CAPPED CHICKADEE | 52 | 4 | + 2 | 27 | 1613 | 64 | |
| BOREAL CHICKADEE | | | | | 66 | 13 | |
| RED-BREASTED NUTHATCH | | | | 1 | 34 | 8 | |
| WHITE-BREASTED NUTHATCH | 6 | | | | 95 | 25 | |
| GOLDEN-CROWNED KINGLET | | | | | 32 | 6 | |
| AMERICAN ROBIN | | | | | 11 | 6 | |
| BOHEMIAN WAXWING | | | | 6 | 2575 | 18 | |
| CEDAR WAXWING | | | | | 147 | 5 | |
| NORTHERN SHRIKE | | | | | 17 | 10 | |
| EUROPEAN STARLING | | | | | 710 | 23 | |
| DARK-EYED JUNCO | | | | | 25 | 9 | |
| SNOW BUNTING | | | + 1 | 2 | 16100 | 50 | |
| RUSTY BLACKBIRD | | | 1 | | 28 | 7 | |
| PINE GROSBEAK | | 4 | | | 238 | 20 | |
| WHITE-WINGED CROSSBILL | | | | | 74 | 8 | |
| COMMON REDPOLL | 25 | + 6 | 60 | | 2213 | 36 | |
| HOARY REDPOLL | | | | | 88 | 7 | |
| PINE SISKIN | 1 | | | | 24 | 5 | |
| EVENING GROSBEAK | | 65 | | | 1318 | 30 | |
| HOUSE SPARROW | 55 | 5 | 50 | 360 | 15255 | 70 | |
| NO. INDIV. TABLES 3&4 | | | | 2 | | | |
| NO. SPECIES COUNT DAY | 11 | 6 | 6 | 14 | | | |
| NO. SPECIES COUNT PERIOD | 11 | 9 | 14 | 15 | | | |
| NO. SPECIES TABLE 3&4 | | | | 1 | | | |
| NO. INDIV COUNT DAY | 195 | 84 | 121 | 783 | | | |

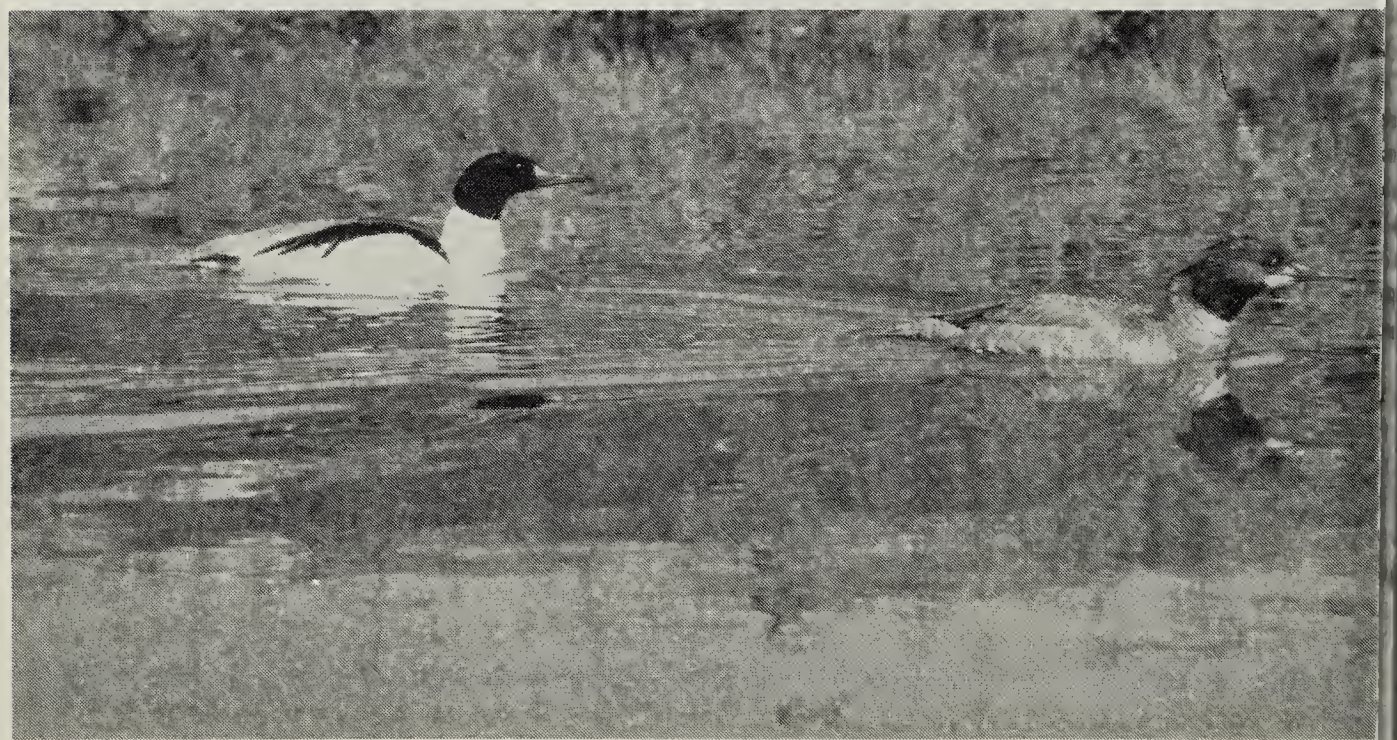
Table 3. SPECIES SEEN IN FIVE OR FEWER LOCALITIES

| <i>SPECIES</i> | <i>LOCATIONS AND NUMBERS</i> |
|-------------------------|---|
| RED-NECKED GREBE | Squaw Rapids, 1 |
| WESTERN GREBE | Gardiner Dam, 1 |
| GREAT BLUE HERON | Barrier Lake, 1 |
| TUNDRA SWAN | Gardiner Dam, 7 |
| TRUMPETER SWAN | Douglas Provincial Park, 3 |
| GR. WHITE-FRONTED GOOSE | Gardiner Dam, 2 |
| WOOD DUCK | Gardiner Dam, + 1 |
| GREEN-WINGED TEAL | Gardiner Dam, 1 |
| AMERICAN BLACK DUCK | Gardiner Dam, 1 |
| NORTHERN PINTAIL | Gardiner Dam, 14 |
| BLUE-WINGED TEAL | Yorkton, 2 |
| AMERICAN WIGEON | Gardiner Dam, 1 |
| CANVASBACK | Douglas Provincial Park, 4 |
| REDHEAD | Fort Qu'appelle, 1 |
| LESSER SCAUP | Gardiner Dam, 4 |
| BUFFLEHEAD | Douglas Provincial Park, 4 |
| HOODED MERGANSER | Gardiner Dam, 1 |
| COMMON MERGANSER | Douglas Provincial Park, 1; Fort Qu'appelle, 1; Gardiner Dam, 52; Squaw Rapids, 7 |
| RED-BREASTED MERGANSER | Gardiner Dam, 2 |
| NORTHERN HARRIER | Grasslands National Park, 1 |
| SHARP-SHINNED HAWK | Indian Head, 1; Skull Creek, + 2 |
| COOPER'S HAWK | Raymore, + 1 |
| RED-TAILED HAWK | Kutawagan Lake, 1 |
| ROUGH-LEGGED HAWK | Fort Walsh, + 2; Gardiner Dam, 1; Govenlock, 1; Grasslands National Park, 1; Pike Lake, 1 |
| AMERICAN KESTREL | Dalmeny, 1; Grassland National Park, 1 |
| PEREGRINE FALCON | Gardiner Dam, 1; Grasslands National Park, 1; Skull Creek, + 1 |
| CYRFALCON | Gardiner Dam, 1; Grasslands N.P., 1; Marsden, 1; Skull Creek, + 1 Spring Valley, + 1 |
| SPRUCE GROUSE | Prince Albert National Park, 3 |
| WILLOW PTARMIGAN | Sandy Bay, + 1 |
| SAGE GROUSE | Govenlock, + 7; Grasslands National Park, 6 |
| WILD TURKEY | Cypress Hills Provincial Park, 17; Fort Walsh, 26; Kamsack, 2 |
| RINGED-BILLED GULL | Gardiner Dam, 1 |
| HERRING GULL | Gardiner Dam, 8 |
| THAYER'S GULL | Gardiner Dam, 1 |
| GLAUCOUS GULL | Gardiner Dam, 4 |
| MOURNING DOVE | Fort Walsh, 1 |
| NORTHERN HAWK-OWL | Birch Hills, 1; Humboldt, 1; Marcelin, + 1 |
| BARRED OWL | Prince Albert National Park, 1; Squaw Rapids, 2 |
| GREAT GRAY OWL | Bangor, 1; Prince Albert N.P., 1; Turtle Lake, + 1; Squaw Rapids, 8 |
| NORTHERN SCREE OWL | Raymore, + 1 |
| NORTHERN SAW-WHET OWL | Fort Qu'appelle, + 1; Luseland, + 1 |
| VELVET KINGFISHER | Fort Qu'appelle, 1 |
| THREE-TOED WOODPECKER | Carragana, 1; Fort Walsh, 2; Greenwater Provincial Park, 1; Prince Albert National Park, 2; Somme, 1 |
| BLACK-BACKED WOODPECKER | Barrier Lake, 1; Prince Albert N.P., 3; Somme, + 1; Squaw Rapids, 2 |
| NORTHERN FLICKER | Marsden, 1; Moose Jaw, + 1; Regina, 3; Saskatoon, 3 |
| AMERICAN CROW | Regina, 3; Saskatoon, 1 |
| BROWN CREEPER | Estevan, 1; Fort Walsh, 2; Saskatoon, 1; Squaw Rapids, 1 |
| AMERICAN TREE SPARROW | Fort Qu'appelle, + 1; Fort Walsh, 28; Govenlock, 2; Gardiner Dam, 14; Saskatoon, 1; Skull Creek, 8 |
| LONG SPARROW | Fort Qu'appelle, 2 |
| PLAINLAND LONGSPUR | Big Muddy Lake, 5272; Govenlock, 8; Saskatoon, 2; Weyburn, 30 |
| RED-WINGED BLACKBIRD | Broadview, 3; Fort Walsh, 2; Indian Head, 1 |
| COMMON GRACKLE | Prince Albert (1), 1; Weyburn, 2 |
| MEADOW LARK | Kamsack, 1; Somme, 1; Weyburn, 1 |
| ROSY FINCH | Fort Walsh, 37; Skull Creek, 52 |
| PURPLE FINCH | Abernethy, 12; Fort Qu'appelle, 8; Indian Head, 2; Prince Albert, (1), 1; Round Lake, + 2 |
| RED CROSSBILL | Cypress Hills 1; Fort Walsh, 16 |



Wood Duck

G.L. Holroyd



Common Mergansers

Fred Lahrmann

Table 4. BIRDS NOT IDENTIFIED TO SPECIES

| SPECIES | LOCATIONS AND NUMBERS SEEN |
|---------------|--|
| DUCK sp | Gardiner Dam, 100 |
| ACCIPITER sp | Prince Albert(2), 1 |
| AGLE sp | Gardiner Dam, 1; Pike Lake 1 |
| ROUSE sp | Prince Albert National Park, 3 |
| WOODPECKER sp | Assiniboia 1; Biggar, 1; Prince Albert National Park, 1 |
| HICKADEE sp | Sandy Bay, 1 |
| MAXWING sp | Prince Albert(2), 38 |
| LONGSPUR sp | Govenlock, 1 |
| DPOLL sp | Big Muddy Lake, 1; Fort Walsh, 83; Govenlock, 7; Raymore, 30; Squaw Rapids, 10 |

Table 5. SUMMARY OF NEW OR TYING HIGH COUNTS ESTABLISHED DURING 1988 COUNTS; CP = count period (tying counts in regular type, new highs in boldface)

| LOCATION | 1989 COUNT | SPECIES | PREVIOUS HIGH | LOCATION AND YEAR |
|------------------|-------------|-----------------------------|---------------|---|
| Squaw Rapids | 1 | Red-necked Grebe | 1 | Regina 68 |
| Gardiner Dam | 1 | Western Grebe | 1 | Gardiner Dam 79; Regina 56, 59 |
| Carrier Lake | 1 | Great Blue Heron | 1 | Ft. Walsh 85 |
| Douglas P. Park | 3 | Trumpeter Swan | 1 | Regina 65; Squaw Rapids 85 |
| Gardiner Dam | 2 | Gr. Wh.-front. Goose | 1 | Saskatoon 74 |
| [P Gardiner Dam] | [1] | Wood Duck | | NEW |
| Gardiner Dam | 1 | Am. Black Duck | 1 | Regina 73 |
| Gardiner Dam | 8956 | Mallard | 1225 | Gardiner Dam 82 |
| Gardiner Dam | 14 | Northern Pintail | 4 | Saskatoon 79 |
| Saskatoon | 2 | Blue-winged Teal | 2 | Regina 62 |
| Douglas P. Park | 4 | Canvasback | 4 | Regina 70 |
| Douglas P. Park | 4 | Bufflehead | 2 | Regina 73 |
| Masslands N. P. | 1 | Northern Harrier | 1 | N to Harris, Hawarden |
| Indian Head | 1 | Sharp-shinned Hawk | 1 | N to Birch Hills |
| [P Skull Creek] | [2] | | | |
| [P Raymore] | [1] | Cooper's Hawk | 1 | N to Battleford |
| Gardiner Dam, | 1 | Peregrine Falcon | 1 | N to Squaw Rapids-Carrot River |
| Masslands N.P. | | | | |
| [P Skull Creek] | [1] | | | |
| Marie | 90 | Ring-necked Pheasant | 55 | Woodrow 59 |
| Ft Walsh | 26 | Wild Turkey | 17 | Ft. Walsh 87 |
| Gardiner Dam | 8 | Herring Gull | 3 | Gardiner Dam 87 |
| Gardiner Dam | 1 | Thayer's Gull | | NEW |
| Gardiner Dam | 4 | Glaucous Gull | 4 | Gardiner Dam 87 |
| Squaw Rapids | 2 | Barred Owl | 1 | S to Regina |
| Squaw Rapids | 8 | Great Gray Owl | 2 | Nipawin 73; Squaw Rapids 82; Prince Albert National Pk 77 |
| [P Raymore] | [1] | Boreal Owl | 1 | S to Indian Head |
| Qu'appelle, | 1 | N. Saw-whet Owl | 1 | N to Maidstone Bridge |
| [P Luseland] | | | | |
| Qu'appelle | 1 | Belted Kingfisher | 1 | Ft. Walsh 83 |
| Qu'appelle | 2 | Song Sparrow | 1 | N to Saskatoon |
| Muddy Lake | 5272 | Lapland Longspur | 200 | Caron 71 |