## 30th AND 31st ANNUAL SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 2002 AND 2003

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#### Introduction

I would like to apologize to readers for the delay in presenting the results of the 30th and 31st Saskatchewan Christmas Mammal Counts (CMCs) for 2002 and 2003. It is a testament to the hard work of the previous compiler, the late Wayne Harris, that for 13 years he was able to compile the results of both the Christmas Bird and Mammal Counts and present them in timely fashion for publication in *Blue Jay*.

In order to partially redress this delay in what has become, in its own right, an important activity of members of Nature Saskatchewan, I have not only compiled the results of these last two counts, but I have summarized the results of the last 31 years of mammal counts. Readers should note that some changes have been made in the presentation of the mammal counts from previous years. This was done to harmonize them with the bird counts, and to simplify the task of tabulating an increasingly large number of counts. The number of mammals actually seen (or, more rarely, heard) on count day is recorded separately from those detected by other means or recorded during the count period but not on count day. Thus mammals detected on count day on the basis of tracks are indicated with the letter "t", those by other means (dead animals or clearly identifiable chewing, digging, dens or lodges) by the letter "o", those recorded during the count period but not on count day by the letter "c".

For weather, coverage and participants for the 2002 CMC, I refer readers to the March 2003 issue of *Blue Jay*, (Vol. 61, No. 1) and for the 2003 count to the March 2004 issue (Vol. 62, No. 1).

#### The 30th Christmas Mammal Count-2002

Counts (Table 1) were received from 89 localities, which is down from the record high of 102 set in 2001. The 33 species seen on count day tied the 1991 record. Indian Head had the most species seen or heard on count day (13), while honours for the most species present over the entire count period (15) were shared between Candle Lake and Prince Albert National Park.

The most abundant mammal was the White-tailed Deer, closely followed by its cousin the Mule Deer. The American Red Squirrel and Pronghorn placed third and fourth. The most frequently seen mammals were the White-tailed Deer seen on 60% of all counts, Coyote on 56%, American Red Squirrel on 55%, and Mule Deer on 30%. While Mule Deer were much less often seen than were white-tails, they occurred in larger numbers when they were seen.

The only new species in 2002, and the first since 1996, was a jumping mouse, either a Meadow Jumping Mouse or Western Jumping Mouse. The species was noted on the basis of its distinctive tracks on the Clark's Crossing count. Also noteworthy was the Richardson's Ground Squirrel seen on the Saskatoon count. The eight Mule Deer seen on the Porcupine Plain count were at the northeastern limit of their range. The 73 American Red Squirrels tallied on the Fort

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Walsh count may have been a record high count for the species on a CMC.

### The 31st Christmas Mammal Count-2003

Ninety-one counts were completed in 2003 (Table 2.), two more than in 2002. The 35 species seen on count day set a new record. Indian Head had the most species seen or heard on count day (14), while Regina recorded 16 species over the count period.

The three most abundant species were no surprise: White-tailed Deer followed by Mule Deer and American Red Squirrel. However, Elk, as the fourth most common species, was a surprise. The four species most frequently seen were the same as in 2002. White-tailed Deer were seen on 69% of all counts, American Red Squirrel on 58%, Coyote on 52%, and Mule Deer on 30%.

Two new species, Thirteen-lined Ground Squirrel and Least Chipmunk, were added on this count. Although Thirteen-lined Ground Squirrels were seen during the count period in 1987 and 1991, the 2003 sighting from Craven was the first sighting on count day. Chipmunks were reported twice on count day. One was seen at Archerwill, and tracks were noted at Saskatoon. Mammal counters from Craven seemed to be going "squirrelly" as they also counted four of each of the tree squirrels, the Grey, Fox and American Red.

# **Summary of Christmas Mammal Counts 1973-2003**

Wayne Harris began compiling the information on mammals counted incidentally on Christmas Bird Counts (CBCs) beginning in 1973 (Table 3). At that time, eleven mammal species were reported from eight of 46 CBCs published in *Blue Jay*. Interest rapidly grew; by the end of the decade, over 70% of CBCs had a CMC as

well. By the mid-1990s, the figure had risen to over 90%. To date, 1,972 mammal counts have been conducted in almost 300 localities.

According to Wapple, 79 species of wild mammals have been recorded in Saskatchewan.<sup>2</sup> The Christmas Mammal Count has provided evidence for the occurrence of 55 species (feral horses and cats are excluded). Of these, 49 species have actually been seen on count day. One other species, the American Water Shrew, has been seen during the count period, three others have been recorded on the basis of dead animals, and two others have been recorded only on the basis of tracks.

Although the data from the CMCs have not yet been subjected to a statistical analysis, a cursory examination of data from the last 32 years suggests that there have been major changes in the province's mammal population over this period. Among the more obvious and interesting are:

- 1. The arrival and spread of the Fox Squirrel.
- 2. Increasing appearance of ground squirrels, Black-tailed Prairie Dogs and Least Chipmunks. These species should be hibernating during the count period. Their appearance on CMCs may be an indication of a warming climate.
- 3. The increase in the populations of all the ungulates, and the spread of Moose and Elk onto the plains.

Thanks to the foresight of Wayne Harris, we now have information with which to conduct more detailed analysis of the population trends and distributional changes of Saskatchewan mammals.

- 1. HARRIS, W.C. 1974. Saskatchewan Christmas Mammal Counts, 1973. *Blue Jay* 32(2):115.
- 2. WAPPLE, R.D. 1999. Mammals. In: Fung, K. (ed.) Atlas of Saskatchewan. University of Saskatchewan, Saskatoon. Pp 139-142.

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Table 1. 30 Saskatchewan C.                                       | 111150                  | 111as             | IVIA                | 111111              | ui C                     | Oun                      | 20                     | 02.                  |                    |                     |                               |                       |
|---|-------------------------|-------------------|---------------------|---------------------|--------------------------|--------------------------|------------------------|----------------------|--------------------|---------------------|-------------------------------|-----------------------|
|   | 002                     |                   | 6                   |                     | 202                      | 2002                     | 002                    | 33                   |                    | 2002                | Dec 2002                      | 002                   |
|   | Archerwill, 27 Dec 2002 | Armit, 4 Jan 2003 | Bangor, 23 Dec 2002 | Biggar, 27 Dec 2002 | Birch Hills, 16 Dec 2002 | Brightwater, 20 Dec 2002 | Broadview, 27 Dec 2002 | Bromhead, 2 Jan 2003 | Cabri, 27 Dec 2002 | Candle Lake, 31 Dec | Clark's Crossing, 14 Dec 2002 | Coronach, 22 Dec 2002 |
| Species   | Arch                    | Armi              | Bang                | 3igg                | 3irch                    | Brigh                    | Broa                   | 3ron                 | Cabr               | Sanc                | Clark                         | Soro                  |
| Shrew species   |                         |                   |                     |                     | t                        |                          |                        |                      |                    |                     |                               |                       |
| Nuttall's Cottontail  |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               | 0                     |
| Snowshoe Hare<br>White-Tailed Jack Rabbit                         | t                       | t                 | 3                   | t                   | 1                        |                          | t                      | 2                    |                    | t                   | 1 2                           |                       |
| Richardson's Ground Squirrel                                      |                         |                   | 3                   |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Black-Tailed Prairie Dog  |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Grey Squirrel   |                         |                   |                     |                     |                          |                          | 3                      |                      |                    |                     |                               |                       |
| Fox Squirrel  |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| American Red Squirrel   | 1                       | 1                 | 1                   |                     | 2                        |                          | 2                      |                      |                    | 5                   | <u>,</u> 1                    |                       |
| Northern Flying-Squirrel American Beaver                          |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     | -                             |                       |
| Deer Mouse  |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Muskrat   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Meadow Vole   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Vole species  |                         |                   |                     |                     | t                        |                          | t                      | t                    |                    | t                   |                               |                       |
| Jumping Mouse species   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     | t                             |                       |
| Mouse species   | t                       | t                 |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Norway Rat  |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| House Mouse<br>American Porcupine                                 | t                       | -                 |                     |                     |                          | 1                        | t                      |                      |                    | 1                   |                               |                       |
| Coyote  | 1                       |                   |                     | 2                   | 2                        |                          | t                      | 1                    |                    | t                   | 4                             | 1                     |
| Wolf  | '                       |                   |                     |                     |                          |                          |                        | '                    |                    | t                   |                               | <u>'</u>              |
| Red Fox   | t                       |                   | 1                   |                     |                          |                          |                        | t                    |                    |                     | 1                             |                       |
| Raccoon   |                         |                   |                     |                     | t                        |                          |                        |                      |                    |                     |                               |                       |
| American Marten   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Fisher  |                         |                   |                     |                     |                          |                          |                        |                      |                    | t                   |                               |                       |
| Ermine  |                         |                   |                     |                     | t                        |                          | t                      | t                    |                    | t                   |                               |                       |
| Long-tailed Weasel<br>Least Weasel                                |                         |                   |                     |                     | t t                      |                          | t t                    |                      |                    | t                   |                               |                       |
| Weasel species  | С                       |                   |                     |                     | L)                       |                          | L                      |                      |                    | - '                 | $\rightarrow$                 |                       |
| American Mink   | J                       |                   |                     |                     |                          |                          |                        |                      |                    | t                   |                               |                       |
| American Badger   |                         |                   | -                   | -                   |                          |                          |                        |                      |                    |                     |                               |                       |
| Striped Skunk   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| River Otter   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Lynx  |                         |                   |                     |                     |                          |                          | t                      |                      |                    | 1                   |                               |                       |
| Woodland Caribou<br>Mule Deer                                     |                         |                   |                     | 6                   |                          |                          |                        |                      |                    |                     |                               | 18                    |
| White-tailed Deer   | 5                       | 3                 | 4                   | 3                   | 2                        |                          | t                      | 27                   | 1                  | 8                   | 20                            | 18                    |
| Deer species  | J                       | 5                 | 7                   | - 0                 |                          |                          | ι                      | <u> </u>             |                    |                     |                               |                       |
| Moose   | t                       | t                 |                     |                     |                          |                          | t                      |                      |                    | t                   |                               |                       |
| Elk   |                         | t                 |                     |                     |                          |                          |                        |                      |                    | t                   |                               |                       |
| Moose/Elk   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Pronghorn   |                         |                   |                     |                     |                          |                          |                        |                      |                    |                     |                               |                       |
| Totals seen/heard on count day                                    | 7                       | 4                 | 9                   | 11                  | 7                        | 5                        | 5                      | 30                   | 1                  | 15                  | 29                            | 23                    |
| Total species seen/heard  | 3<br>5                  | 2                 | 4                   | 3                   | 4<br>6                   | 2                        | 10                     | 3                    | 1                  | 4                   | 6                             | 3                     |
| Total species recorded by tracks Total species otherwise recorded | 0                       | 0                 | 0                   | 0                   | 0                        | 0                        | 0                      | 0                    | 0                  | 11                  | 0                             | 1                     |
| Species recorded count period                                     | 2                       | 0                 | 0                   | 0                   | 0                        | 0                        | 0                      | 0                    | 0                  | 0                   | 0                             | 0                     |
| Total species count period and day                                | 10                      | 6                 | 4                   | 4                   | 10                       | 2                        | 12                     | 6                    | 1                  | 15                  | 7                             | 4                     |
| The specific during day   |                         |                   |                     | '-                  |                          |                          | . 4-                   |                      |                    |                     | - 1                           |                       |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Table 1. 30 Saskatchewall C.                                     | 111150              | mas                      | IVIA                     | 111111                          | ai C                   | Oun                 | -20                 | <i>J</i> <u> </u>      |                        |                      |                           |                     |
|--|---------------------|--------------------------|--------------------------|---------------------------------|------------------------|---------------------|---------------------|------------------------|------------------------|----------------------|---------------------------|---------------------|
|  | Craven, 14 Dec 2002 | Crooked Lake, 4 Jan 2003 | Crystal Lake, 3 Jan 2003 | Cypress Hills P.P., 30 Dec 2002 | Duck Lake, 16 Dec 2002 | Dundurn, 4 Jan 2003 | Eastend, 1 Jan 2003 | Emma Lake, 16 Dec 2002 | Endeavour, 22 Dec 2002 | Estevan, 23 Dec 2002 | Estuary North, 2 Jan 2003 | Fenton, 14 Dec 2002 |
|  | <u> </u> [a         | ľo                       | رچ                       | S S                             | nc                     | n n                 | asi                 | mr                     | pu                     | ste                  | stn                       | eni                 |
| Species  |                     | 0                        | 0                        | 0                               | ۵                      |                     | Ш                   | Ш                      | Ш                      | Ш                    | Ш                         | LL                  |
| Shrew species  |                     |                          |                          |                                 | t                      |                     |                     |                        |                        |                      |                           |                     |
| Nuttall's Cottontail   |                     |                          |                          |                                 |                        |                     | t                   |                        |                        |                      | 3                         |                     |
| Snowshoe Hare  | 2                   | t                        |                          |                                 | t                      | t                   |                     | t                      |                        |                      |                           | t                   |
| White-Tailed Jack Rabbit   | 1                   |                          |                          |                                 |                        | t                   |                     |                        |                        |                      |                           | t                   |
| Richardson's Ground Squirrel                                     |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Black-Tailed Prairie Dog   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Grey Squirrel  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Fox Squirrel   | 2                   |                          |                          | 4.0                             |                        |                     |                     |                        |                        | 3                    |                           |                     |
| American Red Squirrel  | 6                   | 9                        |                          | 10                              | 41                     |                     |                     | 22                     | 1                      |                      |                           | 5                   |
| Northern Flying-Squirrel   |                     |                          |                          |                                 |                        |                     |                     | С                      |                        |                      |                           |                     |
| American Beaver  | 0                   | 0                        |                          |                                 |                        |                     |                     |                        |                        |                      |                           | 1                   |
| Deer Mouse   | t                   |                          |                          |                                 |                        |                     | t                   |                        | 1                      |                      |                           | t                   |
| Muskrat  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Meadow Vole  |                     |                          |                          |                                 |                        |                     |                     |                        | 2                      |                      |                           |                     |
| Vole species   |                     |                          |                          |                                 |                        |                     | t                   |                        |                        |                      |                           | t                   |
| Jumping Mouse species  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      | -                         |                     |
| Mouse species  |                     |                          |                          |                                 |                        | t                   |                     |                        |                        |                      |                           |                     |
| Norway Rat   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| House Mouse  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| American Porcupine   |                     |                          |                          | 1                               | t                      |                     |                     |                        |                        | 1                    | 3                         | 1                   |
| Coyote   |                     | 2                        | 1                        | t                               | 1                      | 2                   | 2                   |                        | t                      | 2                    | 14                        | 3                   |
| Wolf   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Red Fox  |                     |                          |                          |                                 |                        |                     |                     | С                      | _                      |                      | 1                         |                     |
| Raccoon  |                     |                          |                          |                                 |                        |                     |                     | 1                      |                        |                      |                           |                     |
| American Marten  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Fisher   |                     |                          |                          |                                 |                        |                     |                     | С                      |                        |                      |                           |                     |
| Ermine   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           | t                   |
| Long-tailed Weasel   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           | t                   |
| Least Weasel   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Weasel species   |                     |                          |                          | 4                               |                        |                     | Ţ                   |                        |                        |                      |                           |                     |
| American Mink  |                     | 2                        |                          | t                               |                        | t                   | С                   |                        |                        |                      |                           |                     |
| American Badger  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Striped Skunk River Otter  |                     |                          |                          |                                 |                        |                     | С                   | - 1                    |                        |                      |                           |                     |
|  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Lynx<br>Woodland Caribou   |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Mule Deer  | 4                   |                          |                          | - 43                            |                        | 13                  | 1                   |                        |                        |                      | 15                        |                     |
| White-tailed Deer  | 5                   | C                        |                          | 4                               |                        | 3                   | - 1                 | t                      | +                      | 3                    | 24                        | 5                   |
| Deer species   | 5                   | ι                        |                          | 4                               | ŧ                      | 3                   |                     | L                      | · ·                    | 3                    | 24                        | 5                   |
| Moose  |                     |                          |                          |                                 | τ.                     |                     |                     |                        | 2                      |                      |                           |                     |
| Elk  |                     |                          |                          |                                 | ţ                      |                     |                     |                        | 4                      |                      |                           |                     |
| Moose/Elk  |                     |                          |                          |                                 | τ                      |                     | ÷                   |                        | l                      |                      |                           |                     |
| Pronghorn  |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      | 15                        |                     |
| Totals seen/heard on count day                                   | 20                  | 12                       | 4                        | 15                              | 42                     | 10                  | 2                   | 22                     | 6                      | 0                    |                           | 15                  |
| Total species seen/heard   | 6                   | 13                       | 1                        | 3                               | 42                     | 18                  | 3<br>2              | 23                     | 4                      | 9                    | 75<br>7                   | 15                  |
| Total species seen/neard Total species recorded by tracks        | 1                   | 2                        | 0                        | 2                               | 5                      | 4                   | 5                   | 2                      | 3                      | 0                    | 0                         | 5<br>6              |
| Total species otherwise recorded                                 | 1                   | 1                        | 0                        | 0                               | 0                      | 0                   | 0                   | 0                      | 0                      | 0                    | 0                         | 0                   |
|  |                     |                          | 171                      | U                               | U                      | U                   | U                   | UI                     | U                      | U                    | U                         | U                   |
| Species recorded count period                                    |                     |                          |                          |                                 |                        |                     |                     |                        |                        |                      |                           |                     |
| Species recorded count period Total species count period and day | 0                   | 1                        | 0                        | 0                               | 0                      | 0<br>7              | 2                   | 3                      | 0                      | 0                    | 0                         | 0                   |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Table 1. 30 Saskatchewan C.                               | 111150           | 11145                   | IVIU                      | 111111                       | ar C                   | Oun               | 200                 | <i>J</i> <u></u> .       |            |                         |                       |               |
|---|------------------|-------------------------|---------------------------|------------------------------|------------------------|-------------------|---------------------|--------------------------|------------|-------------------------|-----------------------|---------------|
|   | 02               |                         | 2                         | 33                           |                        | 03                |                     |                          |            |                         |                       | 2             |
|   | 16 Dec 2002      | Fort Walsh, 14 Dec 2002 | Gardiner Dam, 16 Dec 2002 | Good Spirit Lake, 1 Jan 2003 | Govenlock, 15 Dec 2002 | 2 Jan 2003        | 02                  | Indian Head, 28 Dec 2002 | 003        | Kelvington, 27 Dec 2002 | 2002                  | 31 Dec 2002   |
|   | pelle, 1         | , 14 De                 | )am, 16                   | it Lake,                     | ., 15 De               | s, N.P.,          | Dec 20              | ıd, 28 E                 | 5 Jan 2003 | , 27 De                 | 28 Dec                | ake, 3′       |
|   | Fort Qu'Appelle, | t Walsh                 | rdiner E                  | od Spir                      | venlock                | Grasslands, N.P., | Harris, 18 Dec 2002 | ian Hea                  | Kamsack,   | vington                 | Kenaston, 28 Dec 2002 | Kenosee Lake, |
| Species   | For              | For                     | Ga                        | Go                           | Go                     | Gra               | Наі                 | pul                      | Kaı        | Ke                      | Kei                   | Ke            |
| Shrew species   |                  | 1                       |                           |                              |                        |                   |                     | 1                        |            |                         |                       |               |
| Nuttall's Cottontail                                      |                  | 3                       | 1                         |                              | 1                      | 3                 |                     |                          |            |                         | t                     |               |
| Snowshoe Hare   |                  | 4                       |                           | t                            |                        |                   | 1                   | 8                        | 17         | t                       |                       |               |
| White-Tailed Jack Rabbit                                  |                  | 1                       |                           |                              |                        |                   |                     | 23                       |            | t                       | t                     |               |
| Richardson's Ground Squirrel Black-Tailed Prairie Dog     |                  |                         |                           |                              |                        | 100               |                     |                          |            |                         |                       |               |
| Grey Squirrel   | 1                |                         |                           |                              |                        | 100               |                     | 1                        |            |                         |                       |               |
| Fox Squirrel  |                  |                         |                           |                              |                        |                   |                     |                          |            |                         |                       | - 3           |
| American Red Squirrel                                     | 7                | 73                      |                           | 2                            |                        |                   |                     | 38                       | 3          | 2                       | ,                     | 2             |
| Northern Flying-Squirrel                                  |                  |                         |                           |                              |                        |                   |                     |                          | 2          |                         |                       |               |
| American Beaver   | 1                |                         |                           |                              |                        |                   |                     |                          |            |                         |                       | 0             |
| Deer Mouse  | 1                |                         |                           |                              |                        |                   |                     | 16                       |            |                         | 1                     |               |
| Muskrat   | С                |                         |                           |                              |                        |                   |                     |                          |            |                         |                       | 0             |
| Meadow Vole   |                  | 1                       |                           |                              | 1                      |                   |                     | 14                       |            |                         |                       |               |
| Vole species Jumping Mouse species                        |                  |                         |                           | t                            |                        |                   |                     | 14                       |            |                         |                       |               |
| Mouse species   |                  |                         |                           |                              |                        |                   |                     |                          |            | t                       |                       |               |
| Norway Rat  |                  |                         |                           |                              |                        |                   |                     |                          |            | t                       |                       |               |
| House Mouse   | 5                |                         |                           |                              |                        |                   |                     |                          |            |                         |                       |               |
| American Porcupine  |                  | 2                       | 1                         |                              | 2                      |                   | 2                   | 2                        |            |                         | t                     |               |
| Coyote  | С                | 8                       | 4                         | 6                            | 4                      | 16                | 2                   | 42                       | 2          | t                       | 1                     |               |
| Wolf  |                  |                         |                           |                              |                        |                   |                     |                          | 5          |                         |                       |               |
| Red Fox   | 1                |                         |                           | t                            |                        |                   | t                   | 5                        | 2          | t                       | 1                     |               |
| Raccoon<br>American Marten                                |                  |                         |                           |                              |                        |                   |                     |                          | -          | Ţ                       | t                     |               |
| Fisher  |                  |                         |                           |                              |                        |                   |                     |                          |            |                         |                       |               |
| Ermine  |                  |                         | _                         |                              |                        |                   |                     |                          |            |                         |                       |               |
| Long-tailed Weasel  |                  |                         |                           |                              |                        |                   |                     | 5                        |            |                         | t                     |               |
| Least Weasel  |                  |                         |                           |                              |                        | 17                |                     |                          |            |                         |                       |               |
| Weasel species  |                  |                         |                           | t                            |                        |                   |                     |                          |            |                         |                       |               |
| American Mink   |                  |                         |                           |                              |                        |                   |                     | t                        |            |                         |                       |               |
| American Badger   |                  | 0                       |                           |                              | 2                      |                   |                     |                          |            |                         |                       |               |
| Striped Skunk   |                  |                         |                           |                              |                        | -                 |                     |                          |            |                         | t                     |               |
| River Otter<br>Lynx                                       |                  |                         |                           |                              |                        |                   |                     |                          | t          |                         |                       |               |
| Woodland Caribou  |                  |                         |                           |                              |                        |                   |                     |                          | ı,         |                         |                       |               |
| Mule Deer   |                  | 41                      | 20                        |                              | 23                     | 90                | 35                  | 18                       |            |                         | 2                     |               |
| White-tailed Deer   | 2                | 45                      | 20                        | 15                           |                        | 164               | 1                   | 47                       | 32         | 4                       | 15                    | 23            |
| Deer species  |                  |                         |                           |                              |                        |                   |                     |                          |            |                         |                       |               |
| Moose   |                  |                         |                           | t                            |                        |                   |                     |                          | 3          |                         | t                     |               |
| Eik   |                  | 38                      |                           |                              |                        |                   |                     |                          | 2          |                         |                       |               |
| Moose/Elk   |                  |                         |                           |                              | 0.5                    | 4.40              |                     |                          |            |                         |                       |               |
| Pronghorn   | 10               | 0.40                    | 4.5                       | 00                           | 65                     | 148               | 4.4                 | 000                      | 001        |                         | t                     | 0.5           |
| Totals seen/heard on count day                            | 18               | 213                     | 46                        | 23                           | 98<br>7                | 521               | 41                  | 220                      | 68<br>9    | 6                       | 20<br>5               | 25            |
| Total species seen/heard Total species recorded by tracks | 7                | 10                      | 5<br>0                    | 5                            | 0                      | 6                 | 5<br>1              | 13<br>1                  | 1          | 7                       | 8                     | 2             |
| Total species otherwise recorded                          | 0                | 1                       | 0                         | 0                            | 0                      | 0                 | 0                   | 0                        | 0          | 0                       | 0                     | 2             |
| Species recorded count period                             | 2                | 0                       | 0                         | 0                            | 0                      | 0                 | 0                   | 0                        | 0          | 0                       | 0                     | 0             |
| Total species count period and day                        | 9                | 11                      | 5                         | 8                            | 7                      | 6                 | 6                   | 14                       | 10         | 9                       | 13                    | 4             |
| The option of the portor and day                          | U                |                         | J                         | -                            |                        | ٦                 |                     |                          |            |                         | 1                     | -             |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Table 1. 30 Saskatellewall Ch  | 111150                     | mas                     | 1 <b>V</b> 10.                | 111111                 |                      | Juli                        | 200                         | 12.                         |                               |                           |                   |                       |
|--|----------------------------|-------------------------|-------------------------------|------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|---------------------------|-------------------|-----------------------|
| Species  | Ketchen North, 26 Dec 2002 | Kilwinning, 17 Dec 2002 | Kindersley North, 26 Dec 2002 | Kinistino, 18 Dec 2002 | Kinloch, 17 Dec 2002 | Kutawagan Lake, 27 Dec 2002 | La Ronge North, 14 Dec 2002 | La Ronge South, 21 Dec 2003 | Last Mountain L., 29 Dec 2002 | Leader North, 29 Dec 2002 | Love, 27 Dec 2002 | Luseland, 30 Dec 2002 |
| Shrew species  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Nuttall's Cottontail Snowshoe Hare White-Tailed Jack Rabbit Richardson's Ground Squirrel |                            |                         | t                             |                        | t                    | t                           | t                           | t                           | t                             | 2                         |                   | t                     |
|  | -                          |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Black-Tailed Prairie Dog   |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Grey Squirrel  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Fox Squirrel   |                            |                         |                               |                        | 4                    |                             |                             |                             |                               |                           |                   |                       |
| American Red Squirrel  | 1                          | 7                       |                               | 1                      | 4                    |                             | 6                           | 1                           |                               |                           | 6                 |                       |
| Northern Flying-Squirrel   |                            |                         | `                             |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| American Beaver  |                            |                         |                               |                        | 0                    |                             |                             | 0                           |                               |                           |                   |                       |
| Deer Mouse   |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   | С                     |
| Muskrat  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Meadow Vole  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Vole species   |                            |                         |                               |                        |                      | t                           |                             |                             |                               |                           |                   |                       |
| Jumping Mouse species  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Mouse species  |                            |                         |                               | +                      |                      |                             | t                           |                             |                               |                           |                   |                       |
| Norway Rat   |                            |                         | -                             |                        |                      | 1                           | 1                           |                             |                               |                           |                   |                       |
| House Mouse  |                            |                         |                               |                        |                      |                             |                             |                             |                               | 1                         |                   |                       |
| American Porcupine   | $\vdash$                   |                         |                               |                        |                      |                             |                             |                             |                               | 3                         |                   |                       |
|  |                            |                         |                               |                        | t                    |                             |                             |                             |                               | 3                         | 4                 | t                     |
| Coyote   | 1                          |                         | 3                             | 2                      | t                    | t                           | 1                           | t                           | t                             |                           | t                 | 1                     |
| Wolf   |                            |                         |                               |                        |                      |                             |                             | t                           |                               |                           |                   |                       |
| Red Fox  |                            |                         |                               |                        |                      |                             | t                           | t                           | t                             |                           | t                 | t                     |
| Raccoon  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| American Marten  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Fisher   |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Ermine   |                            |                         |                               |                        | t                    |                             |                             |                             |                               |                           |                   |                       |
| Long-tailed Weasel   | С                          |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   | t                     |
| Least Weasel   |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   | С                     |
| Weasel species   |                            |                         |                               |                        |                      |                             | t                           |                             |                               |                           |                   |                       |
| American Mink  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| American Badger  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Striped Skunk  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| River Otter  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Lynx   |                            |                         |                               |                        | t                    |                             |                             | ÷                           |                               |                           |                   |                       |
| Woodland Caribou   |                            |                         |                               |                        | l l                  |                             |                             | 4                           |                               |                           |                   |                       |
|  |                            |                         | 4                             |                        | 4                    | 0                           |                             | ι                           |                               | 20                        |                   | 10                    |
| Mule Deer  |                            |                         | 4                             |                        | τ                    | 9                           |                             |                             |                               | 20                        |                   | 10                    |
| White-tailed Deer  |                            |                         |                               | 5                      | 1                    |                             |                             |                             |                               | 10                        | 14                | С                     |
| Deer species   |                            |                         |                               |                        |                      |                             | t                           |                             | t                             |                           |                   |                       |
| Moose  |                            |                         |                               |                        | t                    |                             |                             |                             |                               |                           |                   | t                     |
| Elk  |                            |                         |                               |                        | t                    |                             |                             |                             |                               |                           |                   |                       |
| Moose/Elk  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Pronghorn  |                            |                         |                               |                        |                      |                             |                             |                             |                               |                           |                   |                       |
| Totals seen/heard on count day   | 2                          | 7                       | 7                             | 8                      | 5                    | 9                           | 7                           | 1                           | 0                             | 42                        | 20                | 11                    |
| Total species seen/heard   | 2                          | 1                       | 2                             | 3                      | 2                    | 1                           | 2                           | 1                           | 0                             | 6                         | 2                 | 2                     |
| Total species recorded by tracks   | 0                          | 0                       | 1                             | 1                      | 8                    | 3                           | 5                           | 6                           | 4                             | 0                         | 2                 | 6                     |
| Total species otherwise recorded   | 0                          | 0                       | 0                             | 0                      | 1                    | 0                           | 0                           | 1                           | 0                             | 0                         | 0                 | 0                     |
| Species recorded count period  | 1                          | 0                       | 0                             | 0                      | 0                    | 0                           | 0                           | 0                           | 0                             | 0                         | 0                 | 3                     |
|  |                            |                         | 0                             |                        | U                    |                             | U                           | 0                           |                               |                           | -                 |                       |
| Total species count period and day   | 3                          | 1                       | 3                             | 4                      | 11                   | 4                           | 7                           | 8                           | 4                             | 6                         | 4                 | 11                    |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Species  | Table 1. 30 Saskatchewan Ch  | 111131                | 11145 | IVIa.               | 111111                   | ar C                  | Oum                         | 20,                  | ) 24 .                         |                           |                       |        |                         |
|--|--|-----------------------|-------|---------------------|--------------------------|-----------------------|-----------------------------|----------------------|--------------------------------|---------------------------|-----------------------|--------|-------------------------|
| Shrew species  | Species  | MacDowall, 2 Jan 2003 | 2     | Mayview, 3 Jan 2003 | Meadow Lake, 26 Dec 2002 | Missinipe, 4 Jan 2002 | Moose Mountain, 31 Dec 2002 | Nipawin, 26 Dec 2002 | Nisbet Forest West, 1 Jan 2003 | Paddockwood S, 3 Jan 2003 | Pike Lake, 4 Jan 2003 | 26 Dec | Preeceville, 1 Jan 2003 |
| Nutalis   Cottontail   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Showshoe Hare  |  |                       | 1     |                     |                          |                       |                             |                      |                                | _                         |                       |        |                         |
| White-Tailed Jack Rabbit   |  | -                     | τ     |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Richardson's Ground Squirrel  Black-Talled Prairie Dog  Grey Squirrel  Fox Squirrel  Fox Squirrel  American Red Squirrel  American Red Squirrel  American Beaver  Deer Mouse  Muskrat  Meadow Vole  Vole species  Jumping Mouse species  Mouse Species |  | t                     |       |                     | t                        | t                     |                             | t                    |                                | 1                         |                       | t      |                         |
| Black-Tailed Prairie Dog   |  | t                     | t     |                     |                          |                       |                             |                      |                                | t                         |                       |        | t                       |
| Grey Squirrel Fox Squirrel American Red Squirrel American Beaver Deer Mouse American Beaver Deer Mouse Muse Species It Jumping Mouse species Mouse Species It Jumping Mouse species Mouse Species American Porcupine It Coyote It In   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Fox Squirrel 6 2 1 1 t 3 2 3 11 1 1  | Black-Tailed Prairie Dog   |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Fox Squirrel 6 2 1 1 t 3 2 3 11 1 1  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| American Red Squirel 6   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Northern Flying-Squirrel   |  | 6                     |       | 2                   | 1                        | t                     | 3                           | 2                    | 3                              |                           | 11                    |        | 1                       |
| American Beaver         0         1  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Deer Mouse   |  |                       |       |                     | 0                        |                       |                             |                      |                                | -                         |                       |        |                         |
| Muskrat         0         1         3         4 </td <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>t</td> <td></td> <td></td>   |  |                       |       |                     | -                        |                       |                             |                      |                                |                           | t                     |        |                         |
| Meadow Vole  |  |                       |       |                     |                          | †                     |                             |                      |                                |                           |                       |        |                         |
| Vole species   | the state of the s |                       |       | 2                   | - 0                      | ι                     |                             |                      |                                |                           |                       |        |                         |
| Jumping Mouse species  |  |                       |       |                     |                          |                       |                             |                      |                                | 3                         |                       |        |                         |
| Mouse species  |  | τ                     |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Norway Rat   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| House Mouse  |  |                       |       |                     | t                        |                       |                             |                      |                                |                           |                       |        |                         |
| American Porcupine         t         2         1         1         5         15         t         20           Wolf         t         t         t         t         t         t         t         t         t         1         5         15         t         20           Wolf         t         t         t         t         t         t         t         1         t         1         1         t         2         1         1         t         1   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Coyote         t         10         2         t         t         t         2         t         t         1         5         15         t         20           Wolf         T         t         t         t         t         t         t         T <t< td=""><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |  |                       |       |                     | _                        |                       |                             |                      |                                |                           |                       |        |                         |
| Wolf   Red Fox   | American Porcupine   | t                     | 2     |                     |                          |                       |                             |                      |                                |                           | 1                     |        |                         |
| Red Fox  | Coyote   | _ t                   | 10    | _ 2                 | t                        | t                     |                             |                      | 1                              | 5                         | 15                    | t      | 20                      |
| Raccoon  | Wolf   |                       |       |                     | t                        | t                     |                             |                      |                                |                           |                       |        |                         |
| American Marten         Image: Control of the con                                 | Red Fox  | t                     |       |                     | t                        |                       |                             |                      | 1                              |                           | t                     |        | 1                       |
| Fisher         1         C         1 <td>Raccoon</td> <td></td>  | Raccoon  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Ermine         t         c         1 <td>American Marten</td> <td></td>  | American Marten  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Ermine         t         c         1 <td>Fisher</td> <td></td>   | Fisher   |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Long-tailed Weasel         t         b         c   |  | t                     |       |                     | C                        |                       |                             |                      |                                |                           | 1                     |        |                         |
| Least Weasel   <t< td=""><td></td><td>†</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td>-</td></t<>   |  | †                     |       |                     |                          |                       |                             |                      |                                |                           | •                     |        | -                       |
| Weasel species         Image: Control of the cont                                 |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| American Mink  |  |                       |       |                     |                          | +                     |                             |                      |                                |                           |                       | +      |                         |
| American Badger  |  |                       |       |                     |                          |                       |                             |                      |                                |                           | -                     | L      |                         |
| Striped Skunk         Image: Control of the contr                                 |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| River Otter  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Lynx         Woodland Caribou         t         d  |  |                       |       |                     |                          |                       |                             |                      |                                |                           | t                     |        | 1                       |
| Woodland Caribou         155         58           Mule Deer         155  |  |                       |       |                     | t                        |                       |                             |                      |                                |                           |                       |        | -                       |
| Mule Deer       155       58         White-tailed Deer       142       12       12       12       12       155         Deer species       10       10       11       10       11       11       10       11       10       11       11       11       11       11       11       11       11       11       11       11       11       12       11       12       11       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       13       13       13       13       14 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>t</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |  |                       |       |                     |                          | t                     |                             |                      |                                |                           |                       |        |                         |
| White-tailed Deer         t         42         t         t         12         t         25           Deer species         t         t         10         1         10         1  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Deer species         t         t         10         1           Moose         t         24         0         0         0         t           Elk         24         0  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       | 8      |                         |
| Moose         t         24         32         32         32         332         34         6         10         4         2         5         19         46         8         48           Total species seen/heard         1         6         265         6         1         0         4         2         5         19         46         8         48           Total species seen/heard         1         6         3         1         0         2         1         3         4         6         1         5           Total species recorded by tracks         10         2         0         7         8         0         1         1         1         3         5         2           Total species otherwise recorded         0   |  | t                     | 42    |                     | t                        |                       |                             |                      | t                              |                           | 12                    | t      | 25                      |
| Elk       24       1       1       1       1         Moose/Elk       24   |  |                       |       |                     |                          | t                     |                             |                      |                                | 10                        | 1                     |        |                         |
| Moose/Elk         32         32         32         32         32         32         33         34         46         8         48           Totals seen/heard on count day         6         265         6         1         0         4         2         5         19         46         8         48           Total species seen/heard         1         6         3         1         0         2         1         3         4         6         1         5           Total species recorded by tracks         10         2         0         7         8         0         1         1         1         3         5         2           Total species otherwise recorded         0 <td>Moose</td> <td>t</td> <td></td> <td>t</td>   | Moose  | t                     |       |                     |                          |                       |                             |                      |                                |                           |                       |        | t                       |
| Moose/Elk         32         32         32         32         32         32         33         34         46         8         48           Totals seen/heard on count day         6         265         6         1         0         4         2         5         19         46         8         48           Total species seen/heard         1         6         3         1         0         2         1         3         4         6         1         5           Total species recorded by tracks         10         2         0         7         8         0         1         1         1         3         5         2           Total species otherwise recorded         0 <td>Elk</td> <td></td> <td>24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>t</td> <td></td>  | Elk  |                       | 24    |                     |                          |                       |                             |                      |                                |                           |                       | t      |                         |
| Pronghorn         32         0   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Totals seen/heard on count day         6         265         6         1         0         4         2         5         19         46         8         48           Total species seen/heard         1         6         3         1         0         2         1         3         4         6         1         5           Total species recorded by tracks         10         2         0         7         8         0         1         1         1         3         5         2           Total species otherwise recorded         0         0         0         2         0 </td <td></td> <td></td> <td>32</td> <td></td>   |  |                       | 32    |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Total species seen/heard       1       6       3       1       0       2       1       3       4       6       1       5         Total species recorded by tracks       10       2       0       7       8       0       1       1       1       3       5       2         Total species otherwise recorded       0       0       0       2       0 <td></td> <td>6</td> <td></td> <td>6</td> <td>1</td> <td>n</td> <td>4</td> <td>2</td> <td>5</td> <td>19</td> <td>46</td> <td>8</td> <td>48</td>  |  | 6                     |       | 6                   | 1                        | n                     | 4                           | 2                    | 5                              | 19                        | 46                    | 8      | 48                      |
| Total species recorded by tracks         10         2         0         7         8         0         1         1         1         3         5         2           Total species otherwise recorded         0         0         0         2         0 </td <td></td> <td>_</td> <td></td>   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       | _      |                         |
| Total species otherwise recorded         0         0         0         2         0         <   |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
| Species recorded count period 0 0 0 1 0 0 0 0 0 0 0 0  |  |                       |       |                     |                          |                       |                             |                      |                                | _                         |                       |        |                         |
| <u>'</u>   |  | _                     | -     |                     |                          |                       |                             |                      | _                              |                           |                       | -      |                         |
| Total species count period and day   11  8  3  11  8  2  2  4  5  9  6  7  |  |                       |       |                     |                          |                       |                             |                      |                                |                           |                       |        |                         |
|  | Total species count period and day   | I I                   | 8     | 3                   | 11                       | ď                     |                             | 2                    | 4                              | 5]                        | 9                     | اه     |                         |

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Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Snowshoe Hare  | Table 1. 30 <sup>th</sup> Saskatchewan C | mist              | mas               | IVIa            |                | al C           | ouiii           | -20            | <i>J</i> <u>Z</u> . |                  |                 |         |                   |
|--|--|-------------------|-------------------|-----------------|----------------|----------------|-----------------|----------------|---------------------|------------------|-----------------|---------|-------------------|
| Shrew species  |  | Dec 2002          | 13                | 15 Dec          | 2002           | 2002           | 2002            | Dec 2002       | , 17 Dec 2002       | 18 Dec 2002      | ec 2002         | ec 2002 | )ec 2002          |
| Nutalis   Cottontail   | Species                                  | Prince Albert, 15 | Prince Albert N.F | Qu'Appelle Dam, | Raymore, 26 De | Regina, 26 Dec | Roulean, 28 Dec | Round Lake, 28 | Sk. Landing P.P.    | Sk. River Forks, | Saskatoon, 26 D | 27      | Skull Creek, 26 [ |
| Nutalis   Cottontail   | Shrew species                            |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Snowshoe Hare  |  |                   |                   | 1               |                |                |                 |                | 4                   |                  |                 |         | 6                 |
| Richardson's Ground Squirrel  Black-Tailed Prairie Dog  Grey Squirrel  Fox Squirrel  Northern Flying-Squirrel  Meadow Vole  Vole species  Jumping Mouse species  Mouse Mouse  I 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0  |  | t                 | t                 | 3               | t              | t              |                 | t              |                     | t                | 2               |         |                   |
| Black-Tailed Prairie Dog   | White-Tailed Jack Rabbit                 | t                 |                   |                 |                | 25             | t               | t              | 1                   |                  | 8               |         | 2                 |
| Grey Squirrel  | Richardson's Ground Squirrel             |                   |                   |                 |                |                |                 |                |                     |                  | 1               |         |                   |
| Fox Squirrel   | Black-Tailed Prairie Dog                 |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Fox Squirrel   | Grey Squirrel                            |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Northern Flying-Squirrel   |  |                   |                   |                 |                | 6              |                 |                |                     |                  |                 |         |                   |
| American Beaver         1         0         0         1         0         1         0         1         0         1         0         2         0         1         0         0         1         0         2         0         0         1         0         0         1         0  |  | 5                 | 35                |                 |                |                |                 | 4              |                     | 12               | 3               |         | 2                 |
| Deer Mouse   | Northern Flying-Squirrel                 |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Muskrat         1 </td <td>American Beaver</td> <td>1</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td>1</td> <td></td> <td></td> <td></td> <td></td>  | American Beaver                          | 1                 |                   |                 | 0              |                |                 | 0              | 1                   |                  |                 |         |                   |
| Meadow Vole         Image: Color of the color of th | Deer Mouse                               |                   |                   |                 | t              | t              |                 |                |                     |                  | 2               |         |                   |
| Vole species   |  |                   |                   | 1               |                |                |                 |                | 1                   |                  |                 |         |                   |
| Jumping Mouse species  | Meadow Vole                              |                   |                   |                 |                | t              |                 |                |                     |                  |                 |         |                   |
| Mouse species         t         3         6         6         1         2         3         5         2         1         1         2         1         2         2         2         2         2         <  | Vole species                             |                   |                   |                 |                |                |                 |                |                     |                  | t               |         |                   |
| Mouse species         t         3         6         6         1         2         3         5         2         1         1         2         1         2         2         2         2         2         <  | Jumping Mouse species                    |                   |                   |                 |                |                |                 |                |                     |                  | t               |         |                   |
| House Mouse  |  | t                 | 3                 |                 |                |                |                 |                |                     |                  |                 | t       |                   |
| American Porcupine   | Norway Rat                               |                   |                   |                 |                |                |                 |                | 719                 |                  |                 |         |                   |
| Coyote   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Wolf         t         13         t         t         t         1         c         t         t         1         1         c         t         t         1         2 <td></td> <td>t</td> <td>t</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td>3</td>  |  | t                 | t                 |                 |                |                |                 |                |                     |                  | 2               |         | 3                 |
| Red Fox  |  | t                 | t                 | 2               | 5              | 1              |                 | С              | 2                   | t                | 9               | 3       | 5                 |
| Raccoon  |  | t                 |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| American Marten         t         Image: control of the properties of the prope          | Red Fox                                  |                   | 2                 |                 | t              | 1              | С               |                |                     |                  | t               | 1       | 1                 |
| Fisher   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | t                 |
| Ermine   | American Marten                          |                   | t                 |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Long-tailed Weasel         t         2           Least Weasel         5         6           Weasel species         6         6           American Mink         7         1           American Badger         7         1           Striped Skunk         7         1           River Otter         3         6           Lynx         1         1           Woodland Caribou         7         1           Mule Deer         20         39           White-tailed Deer         1         12           Beer species         1         1           Moose         1         1           Elk         50         1           Moose/Elk         7         118           Pronghorn         8         12           Total species seen/heard         3         7           Total species recorded by tracks         7         8         0           Total species recorded count period         0         0         0         0         0   | <u> </u>                                 |                   | t                 |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Least Weasel   <t< td=""><td></td><td></td><td></td><td></td><td>t</td><td>t</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |  |                   |                   |                 | t              | t              |                 |                |                     |                  |                 |         |                   |
| Weasel species         Image: Company of the comp |  |                   |                   |                 |                | t              |                 |                |                     |                  |                 |         | 2                 |
| American Mink       t       1       1       1       2       2         American Badger       2       2       2       2         Striped Skunk       3       2       5       7  |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| American Badger       2         Striped Skunk       3         River Otter       3         Lynx       t         Woodland Caribou       20         Mule Deer       39         White-tailed Deer       12         6       1         11       17         12       6         12       6         14       1         15       1         16       1         17       1         18       1         19       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         10       1         11       1         12       1         13       1         14       1         15       1         16       1         <  |  |                   |                   |                 |                |                |                 |                |                     |                  |                 | t       |                   |
| Striped Skunk         8         8         8         8         8         8         8         8         8         8         8         8         8         8         9         <  |  |                   | t                 |                 |                |                |                 | 1              | 1                   |                  | 2               |         | 2                 |
| River Otter  |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | 2                 |
| Lynx       t   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Woodland Caribou       20       39       25       70         White-tailed Deer       1 12 6 5 1       11 17 t 25 8 50         Deer species       t       1 1 1 17 t 25 8 50         Moose       t       1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |  |                   | 3                 |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Mule Deer       20       39       25       70         White-tailed Deer       1 12 6 5 1       11 17 t 25 8 50         Deer species       t       50       t       1         Moose/Elk       50       t       1       1         Pronghorn       8 12       12         Totals seen/heard on count day       7 118 33 10 36 8 17 78 12 54 37 145         Total species seen/heard       3 7 6 2 6 1 4 9 1 9 4 11         Total species recorded by tracks       7 8 0 5 5 2 2 0 3 3 2 1         Total species otherwise recorded       0 0 0 1 0 0 1 0 0 0 0 0         Species recorded count period       0 0 0 0 0 1 1 0 0 0 0 0   | ·  | t                 | t                 |                 |                |                |                 |                |                     |                  |                 |         |                   |
| White-tailed Deer       1       12       6       5       1       11       17       t       25       8       50         Deer species       t       50       t       1   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Deer species         t         t         d <t< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>70</td></t<>   |  |                   |                   | _               |                |                |                 |                |                     |                  |                 |         | 70                |
| Moose         t         50         t         1         1         50         1         1         50         1         1         50         1         1         50         1         1         50         1         1         50         1         1         50         1         50         1         1         50         1         50         1         50         1         50  |  | 1                 | 12                | 6               | 5              | 1              |                 | 11             | 17                  | t                | 25              | 8       | 50                |
| Elk         50         t         1         1         8         12           Moose/Elk         Pronghorn         8         12         1   |  |                   |                   |                 |                |                | t               |                |                     |                  |                 |         |                   |
| Moose/Elk         Pronghorn         8         12           Totals seen/heard on count day         7         118         33         10         36         8         17         78         12         54         37         145           Total species seen/heard         3         7         6         2         6         1         4         9         1         9         4         11           Total species recorded by tracks         7         8         0         5         5         2         2         0         3         3         2         1           Total species otherwise recorded         0         0         0         1         0 <t< td=""><td></td><td></td><td>t</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |  |                   | t                 |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Pronghorn         8         12           Totals seen/heard on count day         7         118         33         10         36         8         17         78         12         54         37         145           Total species seen/heard         3         7         6         2         6         1         4         9         1         9         4         11           Total species recorded by tracks         7         8         0         5         5         2         2         0         3         3         2         1           Total species otherwise recorded         0         0         0         1         0  |  |                   | 50                |                 | t              |                |                 | 1              |                     |                  |                 |         |                   |
| Totals seen/heard on count day       7       118       33       10       36       8       17       78       12       54       37       145         Total species seen/heard       3       7       6       2       6       1       4       9       1       9       4       11         Total species recorded by tracks       7       8       0       5       5       2       2       0       3       3       2       1         Total species otherwise recorded       0       0       0       1       0   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Total species seen/heard       3       7       6       2       6       1       4       9       1       9       4       11         Total species recorded by tracks       7       8       0       5       5       2       2       0       3       3       2       1         Total species otherwise recorded       0       0       0       1       0 <td></td>  |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         |                   |
| Total species recorded by tracks         7         8         0         5         5         2         2         0         3         3         2         1           Total species otherwise recorded         0         0         0         1         0 <td></td> <td>145</td>   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | 145               |
| Total species otherwise recorded         0         0         0         1         0         0         1         0         0         0         0           Species recorded count period         0         0         0         0         0         1         1         0         0         0         0   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | 11                |
| Species recorded count period 0 0 0 0 1 1 0 0 0 0 0  |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | 1                 |
|  |  | _                 |                   |                 |                |                |                 |                |                     |                  |                 |         | 0                 |
| Total species count period and day   10  15  6  8  11  4  8  9  4  12  6  12   |  |                   |                   |                 |                |                |                 |                |                     |                  |                 |         | 0                 |
|  | Total species count period and day       | 10                | 15                | 6               | 8              | 11             | 4               | 8              | 9                   | 4                | 12              | 6       | 12                |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

|   |                      |                   | -                    |                           |                          |                        |                         |                      |                  |                         |                         |                     |
|---|----------------------|-------------------|----------------------|---------------------------|--------------------------|------------------------|-------------------------|----------------------|------------------|-------------------------|-------------------------|---------------------|
| Species   | Snowden, 31 Dec 2002 | Somme, 4 Jan 2003 | Spalding, 5 Jan 2003 | Spinney Hill, 23 Dec 2002 | Squaw Rapids, 5 Jan 2003 | Stockholm, 26 Dec 2002 | Swift Current, Dec 2002 | Tisdale, 25 Dec 2002 | Togo, 2 Jan 2003 | Turtle Lake, 4 Jan 2003 | Turtleford, 29 Dec 2002 | Waseca, 27 Dec 2002 |
| Shrew species   |                      |                   | t                    |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Nuttall's Cottontail  |                      |                   |                      |                           |                          |                        | 5                       |                      |                  |                         |                         |                     |
| Snowshoe Hare   | t                    |                   | t                    | t                         | 2                        |                        |                         | t                    | 1                |                         | 1                       | t                   |
| White-Tailed Jack Rabbit  | -                    | 3                 |                      |                           |                          | 1                      | 1                       |                      |                  |                         |                         |                     |
| Richardson's Ground Squirrel  |                      |                   |                      |                           |                          | <u> </u>               |                         |                      |                  |                         | С                       |                     |
| Black-Tailed Prairie Dog  |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Grey Squirrel   |                      |                   | 1                    |                           |                          |                        | 9                       |                      |                  |                         |                         |                     |
|   |                      |                   |                      |                           |                          |                        | 9                       |                      |                  |                         |                         |                     |
| Fox Squirrel  | 04                   |                   |                      |                           | 40                       |                        |                         |                      | 0                |                         |                         |                     |
| American Red Squirrel   | 21                   | 6                 |                      | 6                         | 10                       |                        |                         |                      | 3                | 2                       | 3                       | 4                   |
| Northern Flying-Squirrel  |                      |                   |                      |                           |                          |                        |                         |                      | 4                |                         |                         |                     |
| American Beaver   |                      |                   |                      |                           |                          |                        |                         | 0                    |                  |                         |                         |                     |
| Deer Mouse  | t                    | С                 |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Muskrat   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Meadow Vole   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         | 1                       | 1                   |
| Vole species  |                      |                   | t                    |                           | t                        |                        |                         |                      |                  |                         |                         |                     |
| Jumping Mouse species   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Mouse species   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Norway Rat  |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| House Mouse   |                      |                   | t                    |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| American Porcupine  |                      |                   |                      | 1                         |                          |                        |                         |                      |                  |                         | - t                     |                     |
|   | -                    |                   |                      |                           | 40                       |                        |                         |                      | 4                |                         |                         | 4                   |
| Coyote  | τ                    | 4                 | Ţ                    | 2                         | 12                       |                        | 2                       |                      | 1                |                         | 2                       | 1                   |
| Wolf  |                      |                   |                      |                           | 1                        |                        |                         |                      |                  |                         |                         |                     |
| Red Fox   |                      |                   | t                    |                           |                          | 1                      | 1                       | t                    |                  |                         |                         | t                   |
| Raccoon   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         | t                       |                     |
| American Marten   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Fisher  |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Ermine  |                      |                   |                      |                           |                          | С                      |                         |                      |                  |                         |                         |                     |
| Long-tailed Weasel  | 1                    | 1                 |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Least Weasel  | 1                    |                   |                      |                           | t                        |                        |                         |                      |                  |                         |                         |                     |
| Weasel species  |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         | t                   |
| American Mink   |                      | С                 |                      |                           |                          |                        | 2                       |                      |                  |                         |                         |                     |
| American Badger   |                      |                   |                      | -                         |                          |                        | 0                       |                      |                  |                         | 0                       |                     |
| Striped Skunk   |                      |                   |                      |                           |                          | -                      |                         |                      | 1                |                         | 0                       |                     |
| River Otter   |                      |                   |                      |                           | 2                        |                        |                         |                      | '                |                         | - 0                     |                     |
|   |                      |                   |                      |                           | 2                        |                        |                         |                      |                  |                         |                         |                     |
| Lynx Woodland Caribau   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Woodland Caribou  |                      |                   |                      | 4.0                       |                          |                        |                         | 4                    |                  |                         |                         |                     |
| Mule Deer   |                      | 4.5               |                      | 10                        |                          |                        | 69                      | 1                    |                  |                         | t                       |                     |
| White-tailed Deer   | 8                    | 45                | t                    | 4                         | 4                        | 2.                     | 30                      | 4                    |                  |                         | t                       | _1                  |
| Deer species  |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Moose   |                      |                   |                      |                           | 3                        |                        |                         |                      |                  |                         |                         |                     |
| Elk   |                      | 2                 |                      |                           | t                        |                        |                         |                      |                  |                         |                         |                     |
| Moose/Elk   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Pronghorn   |                      |                   |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Totals seen/heard on count day  | 31                   | 61                | 1                    | 23                        | 34                       | 4                      | 119                     | 5                    | 10               | 2                       | 7                       | 7                   |
| Total species seen/heard  | 4                    | 6                 | 1                    | 5                         | 7                        | 3                      | 8                       | 2                    | 5                | 1                       | 4                       | 4                   |
| Total species recorded by tracks  | 3                    | 0                 | 7                    | 1                         | 3                        | 0                      | 0                       | 2                    | 0                | 0                       | 4                       | 3                   |
|   |                      |                   | 0                    | Ö                         | 0                        | 0                      | 1                       | 1                    | 0                | 0                       | 2                       | 0                   |
| Total species otherwise recorded  | $\Omega$             | (11               |                      |                           |                          |                        |                         |                      |                  |                         |                         |                     |
| Total species otherwise recorded  | 0                    | 0                 |                      |                           | _                        |                        |                         |                      |                  | _                       | _                       | _                   |
| Total species otherwise recorded Species recorded count period Total species count period and day | 0 0 7                | 2                 | 0                    | 0                         | 0                        | 1                      | 0                       | 0                    | 0                | 0                       | 1 11                    | 0                   |

Table 1. 30<sup>th</sup> Saskatchewan Christmas Mammal Count-2002.

| Species  | Table 1. 30 Saskatch  | iewan C | 111151 | mas   | IVIa   | 111111 | ai C  | ouiii-   | 200   | 12.       |          |        |           |
|--|---|---------|--------|-------|--------|--------|-------|----------|-------|-----------|----------|--------|-----------|
| Shrew species  |   |         |        |       |        |        |       | day      |       |           |          |        | day       |
| Shrew species  |   |         | ~      | 002   | 2002   | 2002   | 02    | on count | p.    | by tracks | recorded | po     | eriod & o |
| Shrew species  |   |         | 2003   | )ec 2 | , Dec  | ) Dec  | ec 20 | eard c   | /hear | rded I    | rwise    | t peri | unt p     |
| Shrew species  |   |         | Jan    | 28 L  | ar, 27 | d, 29  | 28 De | en/he    | seen  | recor     | other    | coun   | ts co     |
| Shrew species  |   |         | on, 1  | ourn, | Bea    | oome   |       | s se     | unts  | nnts      | unts     | unts   | Noon N    |
| Shrew species  | Snecies   |         | Wats   | Weyt  | White  | White  | Yorkt | Total    | # Col | # Col     | # Col    | # Col  | # of (    |
| Nuttail's Cottontail   |   |         |        |       |        |        |       |          |       |           |          |        | Ę         |
| White-Tailed Jack Rabbit   |   |         |        |       | С      |        |       | 33       |       |           |          | 1      | 16        |
| Richardson's Ground Squirrel   |   |         |        |       |        |        |       |          |       |           |          |        | 4         |
| Black-Tailed Prairie Dog   |   |         | t      | 2     | 3      | 1      |       |          |       |           |          |        | 32        |
| Grey Squirrel         1         17         6         0         0         0           Fox Squirrel         1         1         14         6         0         0         0           Northern Flying-Squirrel         1         406         51         1         0         0         1           American Beaver         0         4         4         0         0         0         1           Deer Mouse         1         2         1         5         8         0         1         0         0         1           Muskrat         0         2         2         1         3         1         0         0         1         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1 <td></td> <td>1</td> <td></td> <td>2</td>              |   | 1       |        |       |        |        |       |          |       |           |          |        | 2         |
| American Red Squirrel  |   |         |        |       |        |        |       |          |       |           |          |        |           |
| American Red Squirrel  |   |         |        |       |        |        |       |          |       |           |          |        | (         |
| Northern Flying-Squirrel   |   |         |        | 1     |        | 1      |       |          |       |           |          |        | -         |
| American Beaver  |   |         |        |       |        |        | 1     |          |       |           |          |        | 52        |
| Deer Mouse   |   |         |        |       |        |        |       |          |       |           |          |        |           |
| Meadow Vole         11         7         1         0         0           Vole species         14         1         12         0         0         1           Jumping Mouse species         0         0         1         0         2         0         0         2         0         0         2         0         0         2         0         0         0         0         2         0         0         2         0         1 </td <td></td> <td>14</td> |   |         |        |       |        |        |       |          |       |           |          |        | 14        |
| Meadow Vole         11         7         1         0         0           Vole species         14         1         12         0         0         1           Jumping Mouse species         0         0         1         0         2         0         0         2         0         0         2         0         0         2         0         0         0         0         2         0         0         2         0         1 </td <td></td> <td>-</td>  |   |         |        |       |        |        |       |          |       |           |          |        | -         |
| Vole species   |   |         |        |       |        | - 0    |       |          |       |           |          |        | - 4       |
| Jumping Mouse species  |   |         |        |       |        |        |       |          |       |           |          |        | 13        |
| Mouse species       3   1   10   0   0   1   Norway Rat       0   0   0   1   0   0   0   1   0   0  |   |         |        |       |        |        |       |          |       |           |          |        |           |
| Norway Rat   |   |         |        |       |        |        |       |          |       |           |          |        | 1         |
| House Mouse  |   |         |        |       |        |        |       |          |       |           |          |        | -         |
| Coyote         t         2         3         2         246         52         20         0         2         7           Wolf         19         3         5         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         2         3         3         5         0         0         0         0         0         0         0         0         0         2         3         3         8         0         1         1         0         0         0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1   |   | ····    |        |       |        |        |       |          |       |           |          |        |           |
| Coyote         t         2         3         2         246         52         20         0         2         7           Wolf         19         3         5         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         2         3         3         5         0         0         0         0         0         0         0         0         0         2         3         3         8         0         1         1         0         0         0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1   |   |         |        |       |        |        |       |          |       | 10        |          |        | 27        |
| Red Fox  |   |         | t      | 2     | 3      | 2      |       | 246      | 52    | 20        | 0        | 2      | 74        |
| Raccoon  | Wolf  |         |        |       |        |        |       | 19       | 3     | 5         | 0        | 0      | 8         |
| American Marten  | Red Fox   |         | t      |       | 1      | t      |       | 22       | 16    | 20        | 0        | 2      | 38        |
| Fisher         0         0         2         0         1           Ermine         t         1         1         1         10         0         2         1           Long-tailed Weasel         9         4         8         0         1         1           Least Weasel         11         1         4         0         1           Weasel species         0         0         7         0         0           American Mink         10         6         5         0         2         1           American Badger         c         4         2         0         3         1           Striped Skunk         2         2         2         1         1         1         0         0           Lynx         1         1         7         0         0         0         1         1         0         0           Lynx         1         1         7         0  |   |         | t      |       |        |        |       |          | -     | 6         |          |        |           |
| Ermine   | American Marten   |         |        |       |        |        |       |          |       |           |          |        |           |
| Least Weasel   |   |         |        |       |        |        |       |          |       |           | _        |        |           |
| Least Weasel       1       1       4       0       1         Weasel species       0       0       7       0       0         American Mink       10       6       5       0       2       1         American Badger       c       4       2       0       3       1         Striped Skunk       2       2       2       1       1         River Otter       5       2       1       0       0         Lynx       1       1       7       0       0         Woodland Caribou       0       0       1       0       0         Mule Deer       t       64       795       28       3       0       1       3         White-tailed Deer       95       6       7       2       942       56       11       0       1       6         Deer species       11       2       5       0       0       0       1       6       0       0       1       6       0       0       1       6       0       0       1       6       0       0       1       6       0       0       0       1       0  |   |         |        |       |        | t      |       |          |       |           |          |        | 13        |
| Weasel species       0 0 7 0 0         American Mink       10 6 5 0 2 1         American Badger       c 4 2 0 3 1         Striped Skunk       2 2 2 1 1         River Otter       5 2 1 0 0         Lynx       1 1 7 0 0         Woodland Caribou       0 0 1 0 0         Mule Deer       t 64 795 28 3 0 1 3         White-tailed Deer       95 6 7 2 942 56 11 0 1 6         Deer species       11 2 5 0 0         Moose       1 8 3 12 0 0 1         Elk       117 6 8 0 0 1         Moose/Elk       0 0 1 0 0         Pronghorn       280 6 0 0 0         Totals seen/heard on count day       0 100 77 14 3 3267         Total species recorded by tracks       5 0 0 4 0 30         Total species otherwise recorded       0 0 2 0 5         Species recorded count period       0 1 1 0 0 16  |   |         |        |       |        |        |       |          |       |           |          |        | 13        |
| American Mink       10 6 5 0 2         American Badger       c 4 2 0 3         Striped Skunk       2 2 2 1 1         River Otter       5 2 1 0 0         Lynx       1 1 7 0 0         Woodland Caribou       0 0 1 0 0         Mule Deer       t 64 795 28 3 0 1 3         White-tailed Deer       95 6 7 2 942 56 11 0 1 6         Deer species       11 2 5 0 0         Moose       11 2 5 0 0         Elk       117 6 8 0 0 1         Moose/Elk       0 0 1 0 77 14 3 3267         Pronghorn       280 6 0 0 0         Total species seen/heard       0 4 5 5 2 33         Total species recorded by tracks       5 0 0 4 0 30         Total species otherwise recorded       0 0 2 0 5         Species recorded count period       0 1 1 0 0 1 6   |   |         |        |       |        |        |       |          |       |           |          |        | -         |
| American Badger       c       4       2       0       3       1         Striped Skunk       2       2       2       1       1         River Otter       5       2       1       0       0         Lynx       1       1       7       0       0         Woodland Caribou       0       0       1       0       0         Mule Deer       t       64       795       28       3       0       1       3         White-tailed Deer       95       6       7       2       942       56       11       0       1       6         Deer species       11       2       5       0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |   |         |        |       |        |        |       |          |       |           |          |        |           |
| Striped Skunk         2         2         2         1         1           River Otter         5         2         1         0         0           Lynx         1         1         7         0         0           Woodland Caribou         0         0         1         0         0           Mule Deer         t         64         795         28         3         0         1         3           White-tailed Deer         95         6         7         2         942         56         11         0         1         6           Deer species         11         2         5         0         0         0         0         0         1         6         0         0         0         1         6         0         0         0         1         6         0         0         1         0         0         1         0         0         1         0         0         0         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0   |   |         |        |       |        |        |       |          |       | _         |          |        | 13        |
| River Otter  |   |         |        |       |        | C      |       |          |       |           |          |        | (         |
| Lynx       1       1       7       0       0         Woodland Caribou       0       0       1       0       0         Mule Deer       t       64       795       28       3       0       1       3         White-tailed Deer       95       6       7       2       942       56       11       0       1       6         Deer species       11       2       5       0   |   |         |        |       |        |        |       |          |       |           |          |        | 3         |
| Woodland Caribou         0         0         1         0         0           Mule Deer         t         64         795         28         3         0         1         3           White-tailed Deer         95         6         7         2         942         56         11         0         1         6           Deer species         11         2         5         0         0         0         0         1         0         0         1         6         0         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         1         0         0         0         1         0  |   |         |        |       |        |        |       |          |       |           |          |        | - 8       |
| Mule Deer         t         64         795         28         3         0         1         3           White-tailed Deer         95         6         7         2         942         56         11         0         1         6           Deer species         11         2         5         0<  |   |         |        |       |        |        |       |          |       |           |          |        | ,         |
| White-tailed Deer         95         6         7         2         942         56         11         0         1         6           Deer species         11         2         5         0   |   |         | t      |       | 64     |        |       |          |       |           |          |        | 32        |
| Deer species         11         2         5         0         0           Moose         t         8         3         12         0         0         1           Elk         117         6         8         0         0         1           Moose/Elk         0         0         1         0         0         1           Pronghorn         280         6         0         0         0         0           Totals seen/heard on count day         0         100         77         14         3         3267         33         3           Total species seen/heard         0         4         5         5         2         33         3         3           Total species recorded by tracks         5         0         0         4         0         30         30         30           Total species otherwise recorded         0         0         0         2         0         5         5         5         0         5         0         5         0         0         16         0         16         0         0         0         0         0         0         0         0         0         0   |   |         |        | 95    |        | 7      | 2     |          |       |           |          |        | 68        |
| Moose         t         8         3         12         0         0         1           Elk         117         6         8         0         0         1           Moose/Elk         0         0         1         0         0         1         0         0           Pronghorn         280         6         0   |   |         |        |       |        |        |       |          |       |           |          |        |           |
| Moose/Elk         0         0         1         0         0         1         0         0           Pronghorn         280         6         0  |   |         |        |       |        | t      |       | 8        |       |           | 0        | 0      | 15        |
| Pronghorn         280         6         0         0         0           Totals seen/heard on count day         0         100         77         14         3         3267         33           Total species seen/heard         0         4         5         5         2         33         33           Total species recorded by tracks         5         0         0         4         0         30           Total species otherwise recorded         0         0         0         2         0         5           Species recorded count period         0         0         1         1         0         16  | Elk   |         |        |       |        |        |       | 117      | 6     | 8         | 0        | 0      | 14        |
| Totals seen/heard on count day         0         100         77         14         3         3267           Total species seen/heard         0         4         5         5         2         33           Total species recorded by tracks         5         0         0         4         0         30           Total species otherwise recorded         0         0         0         2         0         5           Species recorded count period         0         0         1         1         0         16  | Moose/Elk   |         |        |       |        |        |       | 0        |       |           | 0        |        |           |
| Total species seen/heard         0         4         5         5         2         33           Total species recorded by tracks         5         0         0         4         0         30           Total species otherwise recorded         0         0         0         2         0         5           Species recorded count period         0         0         1         1         0         16  | Pronghorn   |         |        |       |        |        |       | 280      | 6     | 0         | 0        | 0      | (         |
| Total species recorded by tracks         5         0         0         4         0         30           Total species otherwise recorded         0         0         0         2         0         5           Species recorded count period         0         0         1         1         0         16  | Totals seen/heard on count of                                     | lay     | 0      | 100   |        |        |       | 3267     |       |           |          |        |           |
| Total species otherwise recorded         0         0         0         2         0         5           Species recorded count period         0         0         1         1         0         16  |   |         |        |       |        |        |       |          | 33    |           |          |        |           |
| Species recorded count period 0 0 1 1 0 16   |   |         |        |       |        |        |       |          |       | 30        |          |        |           |
|  |   |         |        |       |        |        |       |          |       |           | 5        |        |           |
| Total species count period and day   5   4   6   12   2       3  | Species recorded count period ar<br>Total species count period ar |         | 0<br>5 |       | 6      | 12     | 2     |          |       |           |          | 16     | 38        |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0         <  | Table 2. 31 Saskatelle wall Cl     |                        | IIIGO             | IVIU                | 111111              | <i>x</i> 1            | ount                     | 200                      | <i>-</i>               |                       |                     |                          |                               |
|--|------------------------------------|------------------------|-------------------|---------------------|---------------------|-----------------------|--------------------------|--------------------------|------------------------|-----------------------|---------------------|--------------------------|-------------------------------|
| Shrew Species  | Species                            | Archerwill, 4 Jan 2004 | Armit, 3 Jan 2004 | Bangor, 27 Dec 2003 | Biggar, 27 Dec 2003 | Big River, 2 Jan 2004 | Birch Hills, 21 Dec 2003 | Brightwater, 30 Dec 2003 | Broadview, 23 Dec 2003 | Bromhead, 14 Dec 2003 | Calder, 28 Dec 2003 | Candle Lake, 28 Dec 2003 | Clark's Crossing, 20 Dec 2003 |
| Nuttal S Cottontail  |                                    |                        |                   |                     |                     |                       | t                        |                          | t.                     |                       |                     |                          |                               |
| Snowshoe Hare  |                                    |                        |                   |                     |                     |                       | ,                        | -                        |                        |                       |                     |                          |                               |
| White-tailed Jack Rabbit   |                                    |                        |                   |                     |                     |                       | 0                        |                          |                        |                       |                     | 1                        |                               |
| Richardson's Ground Squirrel   13-lined Ground Squirrel   13-lined Ground Squirrel   14   15   15   15   15   15   15   15   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       | ι                   | ι                        | - I                           |
| 13-lined Ground Squirrel   |                                    | 1                      |                   | 2                   |                     |                       |                          | 1                        | t                      | t                     |                     |                          |                               |
| Least Chipmunk   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Grey Squirrel  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Fox Squirrel   |                                    | 1                      |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| American Red Squirrel  |                                    |                        |                   |                     |                     |                       |                          |                          | 1                      |                       |                     |                          |                               |
| American Red Squirrel  | Fox Squirrel                       |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     | ,                        |                               |
| Northern Flying-Squirrel   |                                    | 11                     | 2                 | 1                   |                     | t                     | 1                        |                          | 4                      |                       |                     | 24                       |                               |
| American Beaver  |                                    | 1                      |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Deer Mouse   |                                    | <u> </u>               |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Muskrat  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          | +                             |
| Meadow Vole  |                                    |                        |                   |                     |                     |                       | +                        |                          |                        |                       |                     |                          |                               |
| Vole Species   |                                    |                        |                   |                     |                     |                       | ·                        | 1                        |                        |                       |                     |                          |                               |
| Mouse Species  |                                    |                        |                   |                     |                     |                       |                          | <u> </u>                 |                        |                       |                     |                          |                               |
| Norway Rat   |                                    |                        |                   |                     |                     |                       | t                        |                          |                        |                       |                     | t                        |                               |
| House Mouse  |                                    | t                      |                   |                     |                     |                       |                          |                          | t                      |                       |                     |                          |                               |
| American Porcupine         1         1         1         t   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Coyote   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Wolf   Red Fox   | American Porcupine                 | 1                      |                   |                     | 1:                  |                       | t                        |                          |                        |                       |                     | t                        | 3                             |
| Red Fox  |                                    | 1                      | 7                 | 1.                  | t                   | t                     | 1                        | 1                        | t                      | 1                     | t                   | t                        | 3                             |
| Swift Fox   Black Bear   Raccoon   t   | Wolf                               |                        | t                 |                     |                     |                       |                          |                          |                        |                       |                     | t                        |                               |
| Black Bear   Raccoon   t   | Red Fox                            | 1                      |                   |                     |                     | t                     | t                        |                          | t                      | t                     |                     |                          |                               |
| Raccoon  | Swift Fox                          |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| American Marten         t           Fisher         t           Ermine         t           Long-tailed Weasel         2           Weasel Species         t           American Mink         t           American Badger         Striped Skunk           River Otter         t           Lynx         t           Mule Deer         11           White-tailed Deer         10           Todal Species         t           Moose         4           Total species seen/heard         10           Total species seen/heard         10           Total species recorded by tracks         4           Total species recorded count period         0           0         0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0 <td>Black Bear</td> <td></td>  | Black Bear                         |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| American Marten         t           Fisher         t           Ermine         t           Long-tailed Weasel         2           Weasel Species         t           American Mink         t           American Badger         Striped Skunk           River Otter         t           Lynx         t           Mule Deer         11           White-tailed Deer         10           Todal Species         t           Moose         4           Total species seen/heard         10           Total species seen/heard         10           Total species recorded by tracks         4           Total species recorded count period         0           0         0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0 <td></td> <td>t</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>t.</td> <td></td> <td></td> <td></td> <td></td>   |                                    | t                      |                   |                     |                     |                       |                          |                          | t.                     |                       |                     |                          |                               |
| Fisher   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Ermine         t         t         t           Long-tailed Weasel         2         t         t           Weasel Species         t   |                                    |                        | -                 |                     | - 10                |                       | 1                        |                          |                        |                       |                     | +                        |                               |
| Long-tailed Weasel         2         t         t           Least Weasel         t  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     | U                        |                               |
| Least Weasel         t         d         t         d <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>١</td><td></td><td></td><td></td><td> t</td><td></td><td></td></t<>   |                                    |                        |                   |                     |                     |                       | ١                        |                          |                        |                       | t                   |                          |                               |
| Weasel Species         t         Image: Control of the |                                    |                        |                   |                     |                     |                       |                          |                          | ι                      |                       |                     | Į                        |                               |
| American Mink         t         <  |                                    |                        |                   |                     |                     |                       | t                        |                          |                        |                       |                     |                          |                               |
| American Badger       Striped Skunk       t         River Otter       t       t         Lynx       t       t         Mule Deer       11       5         White-tailed Deer       10       7       37       5       t       10       89       t       14         Deer Species       t <td></td> <td>  t</td> <td></td>   |                                    | t                      |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Striped Skunk         t         t           River Otter         t         t           Lynx         t         t           Mule Deer         11         5           White-tailed Deer         10         7         37         5         t         10         89         t         14           Deer Species         t  |                                    | t t                    |                   |                     |                     |                       | t                        |                          | t                      |                       |                     | t                        |                               |
| River Otter       Lynx       t         Mule Deer       11       5         White-tailed Deer       10       7       37       5       t       10       89       t       14         Deer Species       10  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Lynx       11       5         Mule Deer       10       7       37       5       t       10       89       t       14         Deer Species       10       7       37       5       t       10       89       t       14         Deer Species       10       10       10       10       10       10       10       10       14       10  |                                    |                        |                   |                     |                     |                       |                          |                          | t                      |                       |                     |                          |                               |
| Mule Deer         11         5           White-tailed Deer         10         7         37         5         t         10         89         t         14           Deer Species         t   | River Otter                        |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     | t                        |                               |
| White-tailed Deer         10         7         37         5         t         10         89         t         14           Deer Species         t  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Deer Species         t         2         t         2         t         t         2         t         t         Elk         70         t         1         2         t         t         t         Elk         70         t         1         t         t         t         t         Pronghorn         1 </td <td>Mule Deer</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td>  | Mule Deer                          |                        |                   |                     |                     |                       |                          | 5                        |                        |                       |                     |                          |                               |
| Moose         4         t         1         2         t         t           Elk         70         t   | White-tailed Deer                  | 10                     | 7                 | 37                  | 5                   | t                     |                          |                          | 10                     | 89                    | t                   | 14                       | 9                             |
| Elk         70         t         t         t           Pronghorn         101         16         41         18         0         6         8         17         90         0         38           Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0         <   | Deer Species                       |                        |                   |                     |                     |                       | t                        |                          |                        |                       |                     |                          |                               |
| Elk         70         t         t         t           Pronghorn         101         16         41         18         0         6         8         17         90         0         38           Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0         <   | Moose                              | 4                      | t                 |                     | 1                   |                       |                          |                          | 2                      |                       | t                   | t                        |                               |
| Pronghorn         Totals seen/heard on count day         101         16         41         18         0         6         8         17         90         0         38           Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0   |                                    |                        | t                 |                     |                     |                       |                          |                          |                        |                       |                     | t                        |                               |
| Totals seen/heard on count day         101         16         41         18         0         6         8         17         90         0         38           Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0 <t< td=""><td></td><td></td><td>1 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |                                    |                        | 1 1               |                     |                     |                       |                          |                          |                        |                       |                     |                          |                               |
| Total species seen/heard         10         3         4         4         0         4         4         2         0         2           Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0         <  |                                    | 404                    | 40                | 4.4                 | 40                  |                       |                          | 0                        | 47                     | 001                   |                     | 20                       | 4.5                           |
| Total species recorded by tracks         4         3         0         1         4         9         0         10         2         5         11           Total species otherwise recorded         0         0         0         1         0<   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          | 15                            |
| Total species otherwise recorded         0         0         0         1         0         <   |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          | 3                             |
| Species recorded count period 0 0 0 0 0 0 0 0 0 0 0  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     | $\overline{}$            | 2                             |
|  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          | 0                             |
|  |                                    |                        |                   |                     |                     |                       |                          |                          |                        |                       |                     |                          | 0                             |
| Total species count period and day 14 6 4 6 4 13 4 14 4 5 13   | Total species count period and day | 14                     | 6                 | 4                   | 6                   | 4                     | 13                       | 4                        | 14                     | 4                     | 5                   | 13                       | 5                             |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Table 2. 31 Saskatchewan Cl  | 11181         | mas                 | Ivia                     | []]]]]]                   |                          | Juni                           | -200                   | 13.                 |             |             |              |                                    |
|--|---------------|---------------------|--------------------------|---------------------------|--------------------------|--------------------------------|------------------------|---------------------|-------------|-------------|--------------|------------------------------------|
|  | e, 2 Jan 2004 | Craven, 14 Dec 2003 | Crooked Lake, 4 Jan 2003 | Crooked River, 3 Jan 2004 | Crystal Lake, 3 Jan 2004 | Cypress Hills P.P., 2 Jan 2004 | Duck Lake, 23 Dec 2003 | lan 2004            | 28 Dec 2003 | 19 Dec 2003 | 20 Dec 2003  | Esterhazy-Hazelcliffe, 27 Dec 2003 |
|  | Codette Lake, | ven, 14 D           | oked Lak                 | oked Rive                 | ital Lake,               | ress Hills                     | k Lake, 2              | Dundurn, 4 Jan 2004 | al, 28 De   | Emma Lake,  | Endeavour, 2 | rhazy-Ha                           |
| Species  | )<br>OO       | ]<br>Srav           | Sroc                     | Sroc                      | Srys                     | Sypi                           | Ouc                    | )un(                | Duvaf,      | l l         | jug          | Este                               |
| Shrew Species  | t             |                     |                          |                           |                          |                                | t                      |                     |             |             |              |                                    |
| Nuttall's Cottontail   |               |                     |                          |                           |                          | 1                              |                        |                     |             |             |              |                                    |
| Snowshoe Hare  | t             |                     | t                        |                           |                          |                                | t                      | t                   | t           | t           |              | t                                  |
| White-tailed Jack Rabbit   |               | t                   |                          |                           |                          |                                |                        | t                   | t           |             |              |                                    |
| Richardson's Ground Squirrel   |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| 13-lined Ground Squirrel   |               | 1                   |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Least Chipmunk<br>Grey Squirrel  |               | 4                   |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Fox Squirrel   |               | 4                   |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| American Red Squirrel  | 6             | 4                   | 4                        | 1                         |                          | 4                              | 10                     |                     |             | 14          |              | 1                                  |
| Northern Flying-Squirrel   |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| American Beaver  |               | 0                   | 0                        |                           |                          |                                |                        |                     | 0           |             |              |                                    |
| Deer Mouse   |               | 1                   |                          |                           |                          |                                | t                      | ť                   |             |             |              |                                    |
| Muskrat  |               |                     |                          |                           |                          |                                |                        |                     | 0           |             |              |                                    |
| Meadow Vole  |               |                     | 5                        |                           |                          |                                |                        |                     |             |             |              |                                    |
| Vole Species   | t             |                     | t                        |                           |                          |                                |                        |                     |             |             |              |                                    |
| Mouse Species  |               |                     |                          |                           |                          |                                |                        |                     | t           |             |              |                                    |
| Norway Rat<br>House Mouse  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| American Porcupine   |               | 4                   | 2                        |                           |                          |                                |                        |                     | 0           |             |              | 0                                  |
| Coyote   | 2             | 1                   | t t                      |                           | 1                        |                                | 4                      | 3                   | t           |             | 1            | U                                  |
| Wolf   | t             |                     |                          |                           |                          |                                |                        | 0                   | ,           |             |              |                                    |
| Red Fox  | t             | 2                   | -                        | 1                         |                          | -                              |                        |                     | t           |             |              |                                    |
| Swift Fox  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Black Bear   |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Raccoon  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| American Marten  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Fisher   | t             |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Ermine   |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Long-tailed Weasel   | t             |                     |                          |                           |                          |                                |                        |                     | t           | С           |              |                                    |
| Least Weasel Weasel Species  |               |                     |                          |                           |                          |                                |                        | t                   | t           |             |              |                                    |
| American Mink  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| American Badger  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Striped Skunk  |               |                     | 2                        |                           |                          |                                |                        |                     | 0           |             |              |                                    |
| River Otter  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Lynx   | t             |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Mule Deer  |               | 18                  |                          |                           |                          | 14                             |                        | 2                   | 3           |             |              |                                    |
| White-tailed Deer  | 7             | 19                  | 5                        | t                         |                          | 27                             |                        | 6                   | t           | t           | 6            | 14                                 |
| Deer Species   |               |                     |                          |                           |                          |                                | t                      |                     |             |             |              |                                    |
| Moose  | t             |                     |                          |                           |                          | 2                              |                        |                     |             |             | 2            |                                    |
| Elk  | t             | ,                   |                          |                           | 1-                       |                                |                        |                     |             |             |              |                                    |
| Pronghorn  |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |
| Totals seen/heard on count day   | 15            | 58                  | 18                       | 2                         | 1                        | 48                             | 14                     | 11                  | 3           | 14          | 9            | 15                                 |
| Total species seen/heard Total species recorded by tracks  | 3             | 10                  | 5<br>3                   | 2                         | 1                        | 5                              | 2                      | 3                   | 8           | 2           | 3            | 2                                  |
| Total species otherwise recorded   | 10<br>0       | 1                   | 1                        | 1<br>0                    | 0                        | 0                              | 0                      | 0                   | 4           | 0           | 0            | 1                                  |
| Species recorded count period  | 0             | 0                   | 0                        | 0                         | 0                        | 0                              | 0                      | 0                   | 0           | 1           | 0            | 0                                  |
| Total species count period and day   | 13            | 12                  | 9                        | 3                         | 1                        | 5                              | 6                      | 7                   | 13          | 4           | 3            | 4                                  |
| The state of the s |               |                     |                          |                           |                          |                                |                        |                     |             |             |              |                                    |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Table 2. 31° Saskatchewan Cl       | .11 151. | mas                        | ivia                | 111111                       |                         | Oum                       | -200                          | <i>J</i> 3.            |             |             |                      |                        |
|------------------------------------|----------|----------------------------|---------------------|------------------------------|-------------------------|---------------------------|-------------------------------|------------------------|-------------|-------------|----------------------|------------------------|
|                                    |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
|                                    |          |                            |                     |                              |                         |                           |                               |                        | က           |             |                      |                        |
|                                    |          |                            |                     | 03                           |                         |                           | Good Spirit Lake, 16 Dec 2003 |                        | 22 Dec 2003 |             |                      |                        |
|                                    |          | 03                         |                     | 20(                          |                         | 00                        | 3 2(                          |                        | 2 2         |             |                      |                        |
|                                    |          | 20                         |                     | ာင                           | 03                      | 52                        | )ec                           | 03                     | ) ec        |             |                      | 04                     |
|                                    | Dec 2003 | )ec                        | 33                  | ۵                            | 20                      | )ec                       | 9                             | 20                     | 2 [         |             | 8                    | 20                     |
|                                    | 50       | 3 C                        |                     | 15                           | )ec                     | 2 [                       | 4                             | ec                     | ., 2        | 8           | 20                   | an                     |
|                                    | ၁၅       | , 1                        | ွ                   | <u>e</u> ,                   | ) C                     | 1, 2                      | ] ske                         |                        | N.P.,       | 22          | ၁၁                   | 2 J                    |
|                                    | 9 0      | rt                         | ۵                   | pel                          | , 2(                    | am                        | Le                            | 5                      | 2           | ) je        | <u> </u>             | χ,                     |
|                                    | , 26     | Estuary North, 19 Dec 2003 | Fenton, 20 Dec 2003 | Fort Qu'Appelle, 15 Dec 2003 | Fort Walsh, 20 Dec 2003 | Gardiner Dam, 22 Dec 2003 | iï                            | Govenlock, 21 Dec 2003 | Grasslands, | 31 Dec 2003 | Holbien, 30 Dec 2003 | Hudson Bay, 2 Jan 2004 |
|                                    | an       | ک                          | Ĕ,                  | טע,                          | Val                     | l el                      | S                             | 음                      | lar         | 3,3         | Ľ,                   | uc                     |
|                                    | Estevan, | tua                        | 월                   | щ (                          | ۲<br>2                  | <u>.</u> 5                | po                            | , ve                   | 388         | ir I        | <u>iğ</u>            | ds                     |
| Species                            | ES       | Es                         | Fe                  | Fo                           | Fol                     | Ga                        | ගි                            | တိ                     | G           | Harris,     | 윈                    | 크                      |
| Shrew Species                      |          |                            | t                   |                              |                         |                           |                               |                        |             |             |                      |                        |
| Nuttall's Cottontail               |          | 4                          | ,                   |                              | 1                       | 1                         |                               | 6                      | 1           |             |                      |                        |
| Snowshoe Hare                      |          |                            | t                   | 1                            | t                       | _                         | t                             | ├ <del>ਁ</del>         |             | t           |                      |                        |
| White-tailed Jack Rabbit           |          | 6                          | +                   |                              |                         | 3                         | t                             | t                      |             | +           |                      |                        |
| Richardson's Ground Squirrel       |          | U                          | ľ                   |                              |                         | 3                         | <u> </u>                      | 1                      |             | ı,          |                      |                        |
|                                    |          |                            |                     |                              |                         |                           |                               | '                      |             |             |                      |                        |
| 13-lined Ground Squirrel           |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Least Chipmunk                     |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Grey Squirrel                      |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Fox Squirrel                       | 1        |                            |                     |                              |                         |                           |                               |                        |             |             | -                    |                        |
| American Red Squirrel              |          |                            | 4                   | 7                            | 13                      |                           | 10                            |                        |             |             | 1                    | 3                      |
| Northern Flying-Squirrel           |          |                            |                     |                              |                         |                           | 2                             |                        |             |             |                      |                        |
| American Beaver                    |          |                            |                     | O                            | 1                       |                           |                               |                        |             |             |                      |                        |
| Deer Mouse                         |          |                            | t                   | 1                            |                         |                           |                               |                        |             |             |                      |                        |
| Muskrat                            |          |                            |                     | 1                            |                         |                           |                               |                        |             |             |                      |                        |
| Meadow Vole                        |          |                            | t                   |                              |                         |                           |                               |                        |             |             |                      |                        |
| Vole Species                       |          |                            |                     |                              | t                       |                           | t                             |                        |             | t           | Ì                    |                        |
| Mouse Species                      |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Norway Rat                         |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| House Mouse                        |          |                            |                     | 1                            |                         |                           |                               | -                      |             |             |                      |                        |
| American Porcupine                 |          |                            | t                   | c                            | 4                       | t                         | t                             | 1                      | 1           | 1           |                      | •                      |
| Coyote                             | 1        | 6                          | 3                   | 1                            | 5                       | 4                         | t                             |                        | 8           | 1           |                      |                        |
| Wolf                               | - '      | 0                          | 3                   | -                            | J                       | -4                        | ·                             | 10                     | 0           | - '         |                      |                        |
| Red Fox                            |          |                            | 1                   |                              |                         |                           | t                             |                        |             |             | -                    |                        |
|                                    | _        |                            |                     | С                            |                         |                           | - 1                           | 4                      |             | -           | -                    |                        |
| Swift Fox                          |          |                            |                     |                              |                         |                           |                               | 1                      |             |             | -                    |                        |
| Black Bear                         |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Raccoon                            | 1        |                            | 2                   | С                            |                         |                           |                               |                        |             |             |                      |                        |
| American Marten                    |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Fisher                             |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Ermine                             |          |                            | t                   |                              |                         |                           |                               |                        |             |             |                      |                        |
| Long-tailed Weasel                 |          |                            |                     | С                            |                         |                           |                               |                        |             |             |                      |                        |
| Least Weasel                       |          |                            | t                   | С                            |                         |                           |                               |                        |             |             |                      |                        |
| Weasel Species                     |          |                            |                     |                              |                         |                           | t                             |                        |             |             |                      |                        |
| American Mink                      |          |                            |                     | 1                            |                         |                           | t                             |                        |             |             |                      |                        |
| American Badger                    |          | t                          | 1                   |                              | 0                       |                           |                               | 0                      |             |             |                      |                        |
| Striped Skunk                      |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| River Otter                        |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Lynx                               |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Mule Deer                          | 9        | 53                         |                     |                              | 102                     | 92                        |                               | 210                    | 131         | 124         |                      |                        |
| White-tailed Deer                  | 11       | 27                         |                     | 2                            | 49                      | 56                        | 24                            |                        | 17          | 20          |                      | 20                     |
| Deer Species                       | . '      | /                          | t                   |                              | , 0                     | 50                        | 1                             |                        | 58          |             |                      |                        |
| Moose                              |          |                            |                     |                              | +                       |                           | 1                             |                        | 55          |             |                      |                        |
| Elk                                |          |                            |                     |                              | L<br>+                  |                           |                               |                        |             |             |                      | 37                     |
|                                    |          |                            |                     |                              | ι                       |                           |                               | 64                     |             |             |                      | 37                     |
| Pronghorn                          |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |
| Totals seen/heard on count day     | 23       | 96                         | 11                  | 15                           | 175                     | 156                       | 37                            | 301                    | 216         | 146         | 1                    | 60                     |
| Total species seen/heard           | 5        | 5                          | 5                   | 8                            | 7                       | 5                         | 4                             | 7                      | 5           | 4           | 1                    | 3                      |
| Total species recorded by tracks   | 0        | 1                          | 9                   | 0                            | 4                       | 1                         | 8                             | 1                      | 0           | 3           | 0                    | 0                      |
| Total species otherwise recorded   | 0        | 0                          | 0                   | 0                            | 1                       | 0                         | 0                             | 1                      | 0           | 0           | 0                    | 0                      |
| Species recorded count period      | 0        | 0                          | 0                   | 6                            | 0                       | 0                         | 0                             | 0                      | 0           | 0           | 0                    | 0                      |
| Total species count period and day | 5        | 6                          | 14                  | 14                           | 12                      | 6                         | 12                            | 9                      | 5           | 7           | 1                    | 3                      |
|                                    |          |                            |                     |                              |                         |                           |                               |                        |             |             |                      |                        |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Table 2. 31 Saskatchewan Ci   | 111151       | mas         | IVICI                 | .111116                  |                            | Julit                         | 200                   | )).                  |                 |                             |                         | _                              |
|---|--------------|-------------|-----------------------|--------------------------|----------------------------|-------------------------------|-----------------------|----------------------|-----------------|-----------------------------|-------------------------|--------------------------------|
|   |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
|   |              |             |                       |                          |                            | 3                             |                       |                      | က္              |                             |                         | 04                             |
|   | _            |             |                       | _                        | 33                         | Kindersley North, 29 Dec 2003 |                       |                      | 29 Dec 2003     | La Ronge North, 14 Dec 2003 | Ronge South 26 Dec 2003 | Last Mountain Lake, 1 Jan 2004 |
|   |              |             |                       | 6                        | - 50<br>- 50               | ) O                           |                       |                      | ်ပ္က            | 0.2                         | 5                       | Jan                            |
|   | 5            | 8           | 03                    | 2                        | ပ္မ                        | ۵                             |                       | 8                    | ا ت             | ě                           | ĕ                       | 4                              |
|   | 26 Dec 2003  | Jan 2004    | 20                    | Jar                      | Ö                          | 29                            | 00                    | 00                   | 29              | 4                           | 93                      | ke,                            |
|   | 56.1         | an          | ၂၂                    | က                        | , 26                       | ‡                             | 2(                    | c 2                  | ke,             | ے ۔                         |                         | Lal                            |
|   |              | 2 J         | ] 6                   | - Ke                     | £                          | ò                             | Jar                   | De                   | Lal             | 힏                           | on                      | aj.                            |
|   | eac          | Ĕ,          |                       | La                       | 윈                          | ) k                           | , 5                   | 15                   | an              | 2  <br>0                    | ပ                       | ınta                           |
|   | Ĭ            | gtc         | ig.                   | see                      | en                         | rsle                          | ou.                   | <del>ر</del><br>ک    | /ag             | . gu                        | gu                      | Jor                            |
|   | Indian Head, | Kelvington, | Kenaston, 19 Dec 2003 | Kenosee Lake, 3 Jan 2004 | Ketchen North, 26 Dec 2003 | plde                          | Kinistino, 5 Jan 2004 | Kinloch, 15 Dec 2003 | Kutawagan Lake, | &                           | &                       | st N                           |
| Species   | 밀            | A<br>e      | A<br>e                | Xe                       | Αe                         | Α̈́                           | 구                     | 구                    | X               | La                          | La                      | La                             |
| Shrew Species   | 4            |             |                       |                          |                            |                               |                       | t                    |                 |                             |                         |                                |
| Nuttall's Cottontail  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Snowshoe Hare   | 3            | t           |                       | t                        | t                          |                               | t                     | 3                    |                 | С                           | t                       |                                |
| White-tailed Jack Rabbit  | 28           | t           | 1                     |                          |                            |                               |                       |                      |                 |                             |                         | t                              |
| Richardson's Ground Squirrel  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| 13-lined Ground Squirrel  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Least Chipmunk  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Grey Squirrel   |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Fox Squirrel  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| American Red Squirrel   | 60           | 2           |                       | 4                        | 1                          |                               | 1                     | 4                    |                 | 4                           | 2                       | t                              |
| Northern Flying-Squirrel  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| American Beaver   | 1            |             |                       | 0                        |                            |                               |                       | 0                    |                 |                             | 0                       |                                |
| Deer Mouse  | 2            |             |                       |                          |                            |                               | t                     |                      |                 |                             |                         | t                              |
| Muskrat   |              |             |                       |                          |                            |                               |                       |                      |                 |                             | 0                       |                                |
| Meadow Vole   |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Vole Species  |              |             |                       |                          |                            |                               |                       | t                    |                 |                             |                         | t                              |
| Mouse Species   |              | t           |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Norway Rat  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| House Mouse   |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| American Porcupine  | 4            | t           | 1                     |                          |                            |                               | 2                     |                      |                 |                             |                         |                                |
| Coyote  | 46           | t           | 2                     | 1                        |                            |                               | 2                     | t                    | t               |                             | t                       | Ť                              |
| Wolf  |              |             |                       |                          |                            |                               |                       | t                    |                 |                             | t                       |                                |
| Red Fox   | 20           | t           | t                     |                          |                            |                               | -                     |                      |                 |                             | t                       |                                |
| Swift Fox   |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Black Bear  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Raccoon   | 3            | t           | t                     |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| American Marten   |              |             | ·                     |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Fisher  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Ermine  |              |             |                       |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Long-tailed Weasel  |              |             | t                     |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| Least Weasel  |              |             |                       |                          |                            |                               |                       | t                    |                 |                             |                         |                                |
| Weasel Species  | t            |             |                       |                          |                            |                               | 1                     |                      |                 |                             |                         |                                |
| American Mink   | 5            |             | t                     |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| American Badger   |              | 0           | t                     |                          |                            | 0                             |                       |                      |                 |                             |                         |                                |
| Striped Skunk   | 4            | Ū           | t                     |                          |                            |                               |                       |                      |                 |                             |                         |                                |
| River Otter   |              |             | -                     |                          |                            |                               |                       |                      |                 |                             | t                       |                                |
| Lynx  |              |             |                       |                          |                            |                               |                       |                      |                 |                             | t                       |                                |
| Mule Deer   | 18           |             | t                     |                          |                            | 6                             |                       |                      |                 |                             |                         |                                |
| White-tailed Deer   | 202          | 3           | 3                     | 26                       | t                          |                               |                       | 5                    |                 | 3                           |                         | 31                             |
| Deer Species  |              |             |                       |                          |                            |                               |                       |                      | t               |                             |                         |                                |
| Moose   |              |             | t                     | 2                        |                            |                               |                       | t                    |                 |                             |                         |                                |
| Elk   |              |             |                       | 21                       | t                          |                               |                       | t                    |                 |                             |                         |                                |
| Pronghorn   |              |             | t                     |                          |                            |                               | -                     |                      |                 |                             | -                       |                                |
| Totals seen/heard on count day  | 400          | 5           | 7                     | 54                       | 1                          | 6                             | 6                     | 12                   | 0               | 7                           | 2                       | 31                             |
| Total species seen/heard  | 14           | 2           | 4                     | 5                        | 1                          | 1                             | 4                     | 3                    | 0               | 2                           | 1                       | 1                              |
| Total species recorded by tracks  |              | 7           | 9                     | 1                        | 3                          | 0                             | 2                     | 7                    | 2               | 0                           | 6                       | 5                              |
|   | 1 1          | , , ,       |                       |                          | 0                          |                               |                       |                      |                 | 0                           |                         |                                |
| Total species otherwise recorded  | 1 0          |             |                       | 1                        | n                          | 1                             | n                     | 1                    | n               | n                           | 2                       | Ω                              |
| Total species otherwise recorded  Species recorded count period                                   | 0            | 1           | 0                     | 1                        | 0                          | 1                             | 0                     | 1                    | 0               | 0                           | 2                       | 0                              |
| Total species otherwise recorded Species recorded count period Total species count period and day | _            |             |                       | 1<br>0<br>7              | 0 0 4                      | 1<br>0<br>2                   | 0<br>0<br>6           | 1<br>0<br>11         | 0<br>0<br>2     | 0<br>1<br>3                 | 0 9                     | 0<br>0<br>6                    |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Table 2. 31 Saskatellewall C       |                           | 11143             | IVIU.                 | 111111                 | ui C                 | OMIII                    |                            | ,,,                  |                               |                                |                       |                         |
|------------------------------------|---------------------------|-------------------|-----------------------|------------------------|----------------------|--------------------------|----------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|-------------------------|
| Snecies                            | Leader North, 29 Dec 2003 | Love, 28 Dec 2003 | Luseland, 26 Dec 2003 | MacDowall, 25 Dec 2003 | Mayview, 26 Dec 2003 | Meadow Lake, 26 Dec 2003 | Moose Mountain, 4 Jan 2004 | Nipawin, 27 Dec 2003 | Nisbet Forest NW, 14 Dec 2003 | Nisbet Forest West, 1 Jan 2003 | Pike Lake, 4 Jan 2004 | Preeceville, 1 Jan 2004 |
| Species                            |                           |                   |                       | 2                      | 2                    | 2                        | 2                          |                      | Z                             | Z                              | <u>с</u> .            | <u>п</u>                |
| Shrew Species                      |                           |                   |                       |                        |                      |                          |                            | 1                    |                               |                                |                       |                         |
| Nuttall's Cottontail               |                           |                   |                       |                        | l                    |                          |                            |                      |                               |                                |                       |                         |
| Snowshoe Hare                      |                           |                   |                       | t                      |                      | t                        |                            | 1                    | 1                             | С                              | t                     |                         |
| White-tailed Jack Rabbit           | 1                         | 2                 | 1                     | t                      |                      |                          |                            |                      | t                             | С                              | t                     |                         |
| Richardson's Ground Squirrel       |                           |                   |                       |                        |                      |                          |                            |                      | t                             |                                |                       |                         |
| 13-lined Ground Squirrel           |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       | <del></del>             |
| Least Chipmunk                     |                           |                   |                       |                        |                      |                          |                            |                      |                               | -                              |                       |                         |
|                                    |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Grey Squirrel                      |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Fox Squirrel                       |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Red Squirrel              |                           | 14                |                       | 7                      | 1                    | 3                        | 5                          | 4                    |                               | 6                              | 3                     |                         |
| Northern Flying-Squirrel           |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Beaver                    |                           |                   |                       |                        |                      | 0                        |                            |                      |                               |                                |                       |                         |
| Deer Mouse                         |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Muskrat                            |                           |                   |                       |                        |                      | 0                        |                            |                      |                               |                                |                       |                         |
| Meadow Vole                        |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
|                                    |                           | -                 |                       |                        |                      | 4                        |                            |                      |                               |                                |                       |                         |
| Vole Species                       |                           |                   |                       | ι                      |                      | ι                        |                            |                      |                               |                                |                       |                         |
| Mouse Species                      | 2                         |                   |                       |                        |                      |                          |                            |                      | t                             |                                | t                     |                         |
| Norway Rat                         |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| House Mouse                        |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Porcupine                 | 1                         | t                 |                       | t                      |                      |                          |                            |                      | t                             |                                | 1                     |                         |
| Coyote                             | 4                         | 2                 | 4                     | t                      |                      | t                        | 1                          | 3                    | t                             | С                              | 0                     | 20                      |
| Wolf                               |                           | t                 |                       |                        |                      | t                        |                            |                      |                               |                                |                       |                         |
| Red Fox                            |                           | t                 | 1                     | t                      |                      |                          |                            | 1                    |                               |                                | t                     | 1                       |
| Swift Fox                          |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Black Bear                         |                           |                   |                       |                        |                      |                          |                            |                      | t                             |                                |                       |                         |
|                                    |                           |                   |                       |                        |                      |                          |                            |                      | -                             |                                |                       |                         |
| Raccoon                            |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Marten                    |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Fisher                             |                           | С                 |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Ermine                             |                           |                   |                       | t                      |                      | 1                        |                            |                      |                               |                                |                       |                         |
| Long-tailed Weasel                 |                           |                   |                       | t                      |                      |                          |                            | 2                    |                               |                                |                       |                         |
| Least Weasel                       | t                         |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| Weasel Species                     |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Mink                      |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| American Badger                    |                           |                   |                       | 0                      |                      |                          |                            |                      |                               |                                |                       |                         |
| Striped Skunk                      |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
| River Otter                        |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |
|                                    |                           |                   |                       | 4                      |                      |                          |                            |                      |                               |                                |                       |                         |
| Lynx<br>Mule Deer                  |                           |                   | 00                    | t                      |                      |                          |                            |                      |                               |                                | 4.4                   |                         |
|                                    | 9                         | 0.1               | 22                    |                        |                      |                          |                            |                      |                               |                                | 11                    |                         |
| White-tailed Deer                  | 18                        | 21                | 4                     | 6                      | 6                    | 6                        | 3                          | 6                    | t                             | 2                              | 14                    | 33                      |
| Deer Species                       |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                | 9                     |                         |
| Moose                              |                           | 2                 | 4                     | t                      |                      |                          |                            |                      |                               |                                |                       |                         |
| Elk                                |                           | t                 |                       |                        |                      |                          |                            | 1                    |                               |                                |                       |                         |
| Pronghorn                          |                           | -                 |                       |                        |                      | -                        |                            |                      |                               |                                |                       |                         |
| Totals seen/heard on count day     | 35                        | 41                | 36                    | 13                     | 7                    | 10                       | 9                          | 19                   | 1                             | 8                              | 38                    | 54                      |
| Total species seen/heard           | 6                         | 5                 | 6                     | 2                      | 2                    | 3                        | 3                          | 8                    | 1                             | 2                              | 4                     | 3                       |
|                                    |                           |                   |                       |                        |                      | $\overline{}$            |                            |                      | 7                             |                                |                       | 0                       |
| Total species recorded by tracks   | 1                         | 4                 | 0                     | 10                     | 0                    | 4                        | 0                          | 0                    |                               | 0                              | 4                     |                         |
| Total species otherwise recorded   | 0                         | 0                 | 0                     | 1                      | 0                    | 2                        | 0                          | 0                    | 0                             | 0                              | 1                     | 0                       |
| Species recorded count period      | 0                         | 1                 | 0                     | 0                      | 0                    | 0                        | 0                          | 0                    | 0                             | 3                              | 0                     | 0                       |
| Total species count period and day | 7                         | 10                | 6                     | 13                     | 2                    | 9                        | 3                          | 8                    | 8                             | 5                              | 9                     | 3                       |
|                                    |                           |                   |                       |                        |                      |                          |                            |                      |                               |                                |                       |                         |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Taule 2. 31 Saskatellewall Cl      | 11150                      | mas                            | IVIUI                 | TITIL                       | 11 00                | Julie               |                     |                         |                        |                               |                              |                        |
|------------------------------------|----------------------------|--------------------------------|-----------------------|-----------------------------|----------------------|---------------------|---------------------|-------------------------|------------------------|-------------------------------|------------------------------|------------------------|
|                                    | Prince Albert, 14 Dec 2003 | Prince Albert N.P., 5 Jan 2004 | Punnichy, 28 Dec 2003 | Qu'Appelle Dam, 14 Dec 2003 | Raymore, 25 Dec 2003 | Regina, 26 Dec 2003 | Roulean, 1 Jan 2004 | Round Lake, 20 Dec 2003 | Saltcoats, 27 Dec 2003 | Sk. Landing P.P., 14 Dec 2003 | Sk. River Forks, 29 Dec 2003 | Saskatoon, 26 Dec 2003 |
| Species                            | P                          | Pr                             | ٩                     | ğ                           | Ř                    | K                   | Ϋ́                  | N.                      | Š                      | S                             | S                            | Š                      |
| Shrew Species                      |                            |                                |                       |                             |                      |                     | t                   |                         |                        |                               | t                            |                        |
| Nuttall's Cottontail               |                            |                                |                       |                             |                      |                     |                     |                         |                        | 8                             |                              |                        |
| Snowshoe Hare                      | +                          | +                              | t                     | t                           |                      | 2                   |                     | +                       | 1                      | 0                             | +                            | 1                      |
| White-tailed Jack Rabbit           | Į.                         | ι                              | ι                     | ι                           |                      | 50                  | t                   | - L                     | +                      |                               | ι                            | 3                      |
|                                    | τ                          |                                |                       |                             |                      | 50                  | l                   | ι                       | ι                      |                               |                              | 3                      |
| Richardson's Ground Squirrel       |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| 13-lined Ground Squirrel           |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Least Chipmunk                     |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              | t                      |
| Grey Squirrel                      |                            |                                |                       |                             |                      | 6                   |                     |                         |                        |                               |                              |                        |
| Fox Squirrel                       |                            |                                |                       |                             |                      | 12                  |                     |                         |                        |                               |                              |                        |
| American Red Squirrel              | 19                         | 22                             | `                     |                             |                      | 2                   |                     | 8                       | 6                      |                               | 8                            | 5                      |
| Northern Flying-Squirrel           |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| American Beaver                    |                            |                                |                       |                             |                      | 0                   |                     | 0                       |                        | 0                             |                              |                        |
| Deer Mouse                         |                            |                                |                       |                             |                      | t                   |                     |                         | 1                      |                               |                              | t                      |
| Muskrat                            |                            |                                |                       | 3                           |                      |                     |                     |                         |                        |                               |                              |                        |
| Meadow Vole                        |                            |                                |                       | J                           |                      | t                   |                     |                         |                        | 1                             |                              |                        |
| Vole Species                       | +                          | +                              |                       | +                           |                      | ,                   |                     |                         |                        |                               | +                            |                        |
|                                    | l                          | ι                              |                       | ι                           |                      |                     |                     |                         |                        |                               | ι                            |                        |
| Mouse Species                      |                            | 1                              |                       |                             |                      |                     |                     |                         |                        | 7                             | ,                            | -                      |
| Norway Rat                         |                            |                                |                       |                             |                      | 4                   |                     |                         |                        |                               |                              |                        |
| House Mouse                        |                            |                                |                       |                             |                      | t                   |                     |                         |                        |                               |                              |                        |
| American Porcupine                 | 1                          | t                              |                       | 1                           |                      | 2                   |                     |                         | 1                      | 2                             | t                            |                        |
| Coyote                             | 6                          | t                              | 1                     | 3                           |                      | 4                   | С                   | t                       | t                      | 3                             | t                            | 2                      |
| Wolf                               |                            | t                              |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Red Fox                            |                            | t                              |                       |                             |                      | 10                  | t                   | t                       | 1                      | 1                             |                              | 1                      |
| Swift Fox                          |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Black Bear                         |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Raccoon                            |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              | 1                      |
| American Marten                    |                            | t                              |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Fisher                             |                            | t                              |                       |                             |                      |                     |                     |                         |                        |                               | t                            |                        |
| Ermine                             |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Long-tailed Weasel                 |                            |                                |                       |                             |                      |                     |                     | 1                       |                        |                               | t                            |                        |
| Least Weasel                       |                            |                                |                       |                             |                      | +                   |                     |                         |                        | V                             | ·                            |                        |
| Weasel Species                     |                            | 4                              |                       |                             |                      | l                   |                     |                         |                        |                               |                              |                        |
| American Mink                      |                            | ί                              |                       |                             |                      | 4                   |                     | 4                       |                        |                               |                              | 2                      |
|                                    |                            |                                |                       |                             |                      | t                   |                     | t                       |                        |                               |                              | 2                      |
| American Badger                    |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Striped Skunk                      |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| River Otter                        |                            | 5                              |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Lynx                               |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               | t                            |                        |
| Mule Deer                          |                            |                                |                       | 54                          |                      | 6                   |                     | 5                       |                        | 37                            |                              | 12                     |
| White-tailed Deer                  | 1                          | 3                              | t                     | 3                           | 2                    | 38                  |                     | 10                      | 1                      | 9                             | t                            | 32                     |
| Deer Species                       |                            |                                |                       |                             |                      |                     |                     |                         |                        |                               |                              |                        |
| Moose                              |                            |                                |                       |                             |                      |                     |                     |                         |                        | 1                             |                              |                        |
| Elk                                |                            | 53                             |                       |                             |                      |                     |                     |                         |                        | 22                            | t                            |                        |
| Pronghorn                          |                            |                                |                       |                             |                      |                     |                     |                         |                        | 98                            |                              |                        |
|                                    | 27                         | 83                             | 1                     | 64                          | 2                    | 132                 | 0                   | 24                      | 11                     | 182                           | 8                            | 61                     |
| Totals seen/heard on count day     |                            |                                |                       | 5                           |                      |                     |                     |                         | 6                      |                               |                              |                        |
| Total species seen/heard           | 4                          | 4                              | 1                     |                             | 1                    | 10                  | 0                   | 4                       |                        | 10                            | 1                            | 10                     |
| Total species recorded by tracks   | 3                          | 9                              | 2                     | 2                           | 0                    | 5                   | 3                   | 5                       | 2                      | 0                             | 10                           | 2                      |
| Total species otherwise recorded   | 0                          | 0                              | 0                     | 0                           | 0                    | 1                   | 0                   | 1                       | 0                      | 1                             | 0                            | 0                      |
| Species recorded count period      | 0                          | 0                              | 0                     | 0                           | 0                    | 0                   | 1                   | 0                       | 0                      | 0                             | 0                            | 0                      |
| Total species count period and day | 7                          | 13                             | 3                     | 7                           | 1                    | 16                  | 4                   | 10                      | 8                      | 11                            | 11                           | 12                     |
|                                    |                            |                                |                       |                             |                      |                     |                     |                         |                        | -                             |                              |                        |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

|  |                      |                     | 1.120             |                       |    | - | ~~ |    |    |                          |                      |                  |
|--|----------------------|---------------------|-------------------|-----------------------|----|---|----|----|----|--------------------------|----------------------|------------------|
| Species  | Shamrock, 2 Jan 2004 | Snowden, 5 Jan 2004 | Somme, 5 Jan 2004 | Spalding, 26 Dec 2003 |    |   |    |    |    | Swift Current, 3jan 2004 | Tisdale, 26 Dec 2003 | Togo, 4 Jan 2004 |
| Shrew Species  |                      |                     |                   | t                     | t  |   | t  | t  |    |                          |                      |                  |
| Nuttall's Cottontail   |                      |                     |                   |                       |    |   |    |    |    | 1                        |                      |                  |
| Snowshoe Hare  |                      | t                   |                   | t                     |    | t | t  | t  |    | 9                        |                      | t                |
| White-tailed Jack Rabbit   |                      | 3                   | С                 |                       | t  |   |    |    | 2  |                          | t                    | t                |
| Richardson's Ground Squirrel                                     |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| 13-lined Ground Squirrel   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Least Chipmunk   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Grey Squirrel  |                      |                     |                   |                       |    |   |    |    |    | 3                        |                      |                  |
|  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Fox Squirrel   |                      |                     | 4                 |                       | 7  |   |    | A  |    |                          |                      | 4                |
| American Red Squirrel  |                      | 5                   | 1                 |                       | 7  | 6 | 9  | 4  |    |                          |                      | 4                |
| Northern Flying-Squirrel   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| American Beaver  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Deer Mouse   |                      | t                   |                   |                       |    |   |    |    |    | t                        |                      |                  |
| Muskrat  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Meadow Vole  |                      |                     | 2                 | t                     |    |   |    |    |    |                          |                      |                  |
| Vole Species   |                      |                     |                   |                       |    |   |    |    |    |                          | Ì                    |                  |
| Mouse Species  |                      |                     |                   |                       |    |   |    | -  |    |                          |                      |                  |
| Norway Rat   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| House Mouse  | +                    |                     |                   |                       |    |   |    | t  | 1  |                          |                      |                  |
| American Porcupine   | <del>  </del>        | 1                   |                   |                       |    |   |    | t  |    | 1                        |                      | 1                |
|  |                      |                     | 2                 |                       | 3  | 2 | 3  |    | 1  |                          |                      | - 4              |
| Coyote   | 2                    | t                   | 2                 | ι                     |    |   |    |    |    | 1                        |                      | l                |
| Wolf   |                      |                     | 1                 |                       |    |   | t  |    |    |                          |                      |                  |
| Red Fox  | t                    |                     |                   | t                     |    | t |    | t  | 1  |                          |                      |                  |
| Swift Fox  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Black Bear   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Raccoon  |                      | 1                   |                   |                       |    |   |    | t  |    |                          |                      |                  |
| American Marten  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Fisher   |                      |                     | 1                 |                       |    |   |    |    |    |                          |                      |                  |
| Ermine   |                      |                     |                   |                       |    |   |    | t  | 1  |                          |                      |                  |
| Long-tailed Weasel   |                      |                     | С                 |                       |    | t |    | t  |    |                          |                      |                  |
| Least Weasel   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Weasel Species   |                      |                     |                   |                       |    |   |    |    |    | 1                        |                      |                  |
| American Mink  |                      |                     |                   |                       |    |   |    |    |    | '                        |                      |                  |
| American Badger  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Striped Skunk  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| River Otter  |                      |                     |                   |                       |    |   |    |    |    |                          | -                    |                  |
|  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Lynx   | -                    |                     |                   |                       |    | t |    |    |    |                          |                      |                  |
| Mule Deer  | 51                   |                     | 4.1               |                       |    |   |    |    |    | 53                       |                      |                  |
| White-tailed Deer  | 8                    | 2                   | 41                | t                     |    | t | 6  | 8  | 2  | 121                      | t                    | 4                |
| Deer Species   |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Moose  |                      |                     | 3                 | t                     |    |   | 1  |    |    |                          |                      |                  |
| Elk  |                      |                     | С                 |                       |    |   | t  |    |    |                          |                      |                  |
| Pronghorn  |                      |                     |                   |                       |    |   |    |    |    |                          |                      |                  |
| Totals seen/heard on count day                                   | 61                   | 12                  | 51                | 0                     | 10 | 8 | 19 | 12 | 8  | 190                      | 0                    | 9                |
| Total species seen/heard   | 3                    | 5                   | 7                 | 0                     | 2  | 2 | 4  | 2  | 6  | 8                        | 0                    | 3                |
| Total species recorded by tracks                                 | 2                    | 3                   | o                 | 7                     | 2  | 5 | 4  | 8  | ol | 1                        | 2                    | 3                |
| Total species otherwise recorded                                 |                      | 0                   | 0                 | 0                     | 0  | 0 | 0  | 0  | 0  | 0                        | 0                    | 0                |
|  | ()1                  |                     |                   |                       |    |   |    |    |    |                          |                      | •                |
| Species recorded count period                                    | 0                    |                     |                   | _                     | _  |   |    | _  |    | _                        |                      | Λ                |
| Species recorded count period Total species count period and day | 0                    | 0                   | 3                 | 0 7                   | 0  | 0 | 0  | 0  | 0  | 9                        | 0                    | 0<br>6           |

Table 2. 31<sup>st</sup> Saskatchewan Christmas Mammal Count-2003.

| Nutualis Cottontail  | Table 2. 31 Saskatchewan C.  | 111150   | mas | IVIU     | 111116 | 11 0 | Juin | 200  | ) ) . |               |  |         |     |       |
|--|--|----------|-----|----------|--------|------|------|--|-------|---------------|--|---------|-----|-------|
| Shrew Species  |  |          |     |          |        |      |      |  |       |               |  |         |     |       |
| Shrew Species  |  | 4        |     |          |        |      |      |  | 2     |               |  |         |     |       |
| Shrew Species  |  |          |     |          |        |      |      |  | g     |               | S  | g       |     | lay   |
| Shrew Species  |  | 2        |     |          |        | _    |      |  | Ţ.    |               | 8  | ap.     |     | ∞ ∞   |
| Shrew Species  |  | Jar      | 33  | Ö        | က      | ္ကြ  | 03   |  | S     |               | tra  | CO      |     | g     |
| Shrew Species  |  | 4,       | 500 | 5        | 8      | 20   | 20   | 03   | L C   | р             | by   | ē       | po  | ë.    |
| Shrew Species  |  | اج       | C   | ) မွ     | 2      | ec   | ec   | 20   | þ     | ar            | D  | se      | ėri | ğ     |
| Shrew Species  |  | ≝<br>    | De  |          | ĕ      |      | 3.0  | ပ္က  | ar    | /he           | ge   | `≅      | t p | Ξ     |
| Shrew Species  |  |          | 6   | က်       | 3 [    |      |      | ۵  | he    | en            | <u>                                   </u> | hei     | 5   | ုပ္ပြ |
| Shrew Species  |  | je       | , 2 | ,<br>e   | 7      | ar,  | δd,  | 30   | eu    | se            | ē  | ot      | 8   | ts (  |
| Shrew Species  |  | 12       | orc |          | Ξ      | Be   | ΛΟΛ  |  | se    | ıts           | ıts  | ıts     | lts | 등     |
| Shrew Species  |  | 동        | lef | <u>o</u> | 절      | ę    | tev  | <to< td=""><td>35</td><td>Jul 1</td><td>l m</td><td>]<br/>Ju</td><td>핅</td><td>ပ္ပါ</td></to<> | 35    | Jul 1         | l m  | ]<br>Ju | 핅   | ပ္ပါ  |
| Shrew Species  |  | 9.6      | Ţ,  | [5]      | (e)    | Ä    | Vhi  | orl  | ots   | Ŏ             | Ŭ  | ŏ       | ŭ   | o to  |
| Nuttall's Cottontail   |  | <u> </u> |     | <u> </u> | >      | >    | >    | <u> </u>   |       |               |  |         |     | #     |
| Snowshoe Hare  |  |          |     |          |        |      |      |  |       |               |  |         |     | 14    |
| White-tailed Jack Rabbit   1   4   t   1   109   16   23   0   2   4   4   1   1   1   1   0   0   2   4   4   1   1   1   1   0   0   0   1   1   1   | Nuttall's Cottontail   |          |     |          |        | 1    |      |  |       |               |  |         |     | 9     |
| Richardson's Ground Squirrel   | Snowshoe Hare  | 3        | t   |          |        |      | 2    | ť  | 29    | 12            | 37   | 0       |     | 51    |
| Richardson's Ground Squirrel   | White-tailed Jack Rabbit   |          |     |          | 1      | 4    | t    | t  | 109   | 16            | 23   | 0       | 2   | 41    |
| 13-lined Ground Squirrel   |  |          |     |          |        |      |      |  | 1     | 1             |  | 0       |     | 2     |
| Least Chipmunk   |  |          |     |          |        |      |      |  |       | 1             |  |         |     | 1     |
| Grey Squirrel         5         1         20         6         0         0         0           Fox Squirrel         5         1         18         4         0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>2</td>                              |  |          |     |          |        |      |      |  |       | 1             |  |         |     | 2     |
| Fox Squirrel   |  |          |     |          | E      |      |      | 1  | _     | 6             |  |         |     | 6     |
| American Red Squirrel  |  |          |     |          | 0      |      | 4    | 1  |       |               |  |         |     |       |
| Northern Flying-Squirrel   |  |          |     |          |        |      |      |  |       |               |  |         |     | 4     |
| American Beaver  |  | 5        | 3   | 2        |        |      | 2    |  |       |               |  |         |     | 56    |
| Deer Mouse   |  |          |     |          |        |      |      |  |       |               | 0  |         | 0   | 2     |
| Deer Mouse   |  |          | 0   |          |        |      | 0    |  | 2     |               | 0  | 12      | 1   | 15    |
| Muskrat  | Deer Mouse   |          | 1   |          |        |      |      |  | 6     | 5             | 10   | 0       | 0   | 15    |
| Meadow Vole  |  |          |     | 2        |        |      | 0    |  |       |               |  |         |     | 9     |
| Vole Species         t         0         0         16         0         0         16         0         0         16         0         0         1         0         0         1         0         0         1         0  |  |          |     |          |        |      | t    |  |       |               |  |         |     | 8     |
| Mouse Species  |  |          | +   |          |        |      |      |  |       |               |  |         |     | _     |
| Norway Rat   |  |          | L   |          |        |      |      |  |       |               |  |         |     | 7     |
| House Mouse  |  |          |     |          |        |      |      |  |       |               |  |         |     |       |
| American Porcupine   |  |          |     |          |        |      | t    |  |       | _             |  |         |     | 1     |
| Coyote   |  |          |     |          |        |      | t    |  |       |               |  |         |     | 6     |
| Wolf   | American Porcupine   |          |     |          |        |      | 5    | t  |       |               |  | 2       |     | _     |
| Red Fox   3  | Coyote   |          | 1   |          | 1      | 2    |      | t  | 196   | 48            | 24   | 1       | 2   | 75    |
| Swift Fox  | Wolf   |          |     |          |        |      |      |  | 1     | 1             | 9  | 0       | 0   | 10    |
| Black Bear   | Red Fox  |          | 3   |          | 1      |      |      | 1  | 47    | 16            | 20   | 0       | 1   | 37    |
| Raccoon  | Swift Fox  |          |     |          |        |      |      |  | 1     | 1             | 0  | 0       | 0   | 1     |
| Raccoon  | Black Bear   |          |     |          |        |      |      |  | 0     | 0             |  | 0       |     | 1     |
| American Marten       0 0 1 0 0 1 0 0         Fisher       1 1 1 4 0 1 0 0         Ermine       1 1 1 4 0 1 0 0         Long-tailed Weasel       5 3 9 0 3 15         Least Weasel       1 1 0 0 0 0 0 0 0 0 0 0         Weasel Species       2 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |          |     |          |        |      | 2    |  |       |               |  |         |     | 12    |
| Fisher         1         1         4         0         1         6         0         8           Long-tailed Weasel         1         1         1         2         2         6         0         0         8           Least Weasel         1         1         1         2         2         7         0         1         10         0         0         1         1         1         1         1         1         1         1         1         1         1         1         2         2         7         0         1         1         1         2         2         2         4         0         0         6         2         2         2         4         0         0         6         2         2         2         0         0         1         1         2         7         0         1         1         2         7         0         1         2         2         0         0         1         1         2         7         0         1         1         2         2         0         0         3         2         3         1         1         1         2         2  |  |          |     |          |        |      | ۲.   |  |       | _             | _  |         |     | 1     |
| Ermine         t         2         6         0         0         8           Long-tailed Weasel         1         1         2         2         7         0         1         10         2         2         7         0         1         1         1         2         2         7         0         1         1         1         2         2         7         0         1         1         2         2         7         0         1         1         2         2         2         4         0         0         6         2         2         2         4         0         0         1         1         2         7         0         1         1         2         7         0         1         1         2         7         0         1         1         2         7         0         1         1         2         7         0         1         1         2         7         0         1         1         2         7         0         1         2         2         0         0         3         1         1         1         2         2         2         0         0         3 <td>December 1981</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\overline{}</math></td> <td></td> <td></td> <td></td> <td>6</td> | December 1981  |          |     |          |        |      |      |  |       | $\overline{}$ |  |         |     | 6     |
| Least Weasel         1         1         1         2         2         7         0         1         1         0         2         2         7         0         1         1         0         0         2         2         4         0         0         6         2         2         2         4         0         0         6         2         2         2         4         0         0         6         2         2         2         4         0         0         6         2         2         2         4         0         0         6         2         2         2         0         0         0         1         1         2         7         0         1         0         0         1         1         2         7         0         1         0         0         1         1         2         7         0         1         0         0         1         1         2         7         0         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></t<>                                       |  |          |     |          |        | _    |      |  |       | -             |  |         |     |       |
| Least Weasel         1         1         1         2         2         7         0         1         1         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>t</td><td></td><td></td><td></td><td></td><td></td><td></td><td>8</td></t<>                                       |  |          |     |          |        |      | t    |  |       |               |  |         |     | 8     |
| Weasel Species         2         2         4         0         0         6         2         2         4         0         0         0         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         1         1         2         7         0         10         0         0         3         3         1         1         2         0         0         3         0         0         3         0         0         7         0   |  |          |     |          |        |      |      |  |       |               |  |         |     | 15    |
| American Mink       8 3 8 0 0 1         American Badger       0 0 1 1 2 7 0 10         Striped Skunk       0 6 2 2 2 0 0 6         River Otter       5 1 2 0 0 5         Lynx       0 0 5 0 5 0 0 5         Mule Deer       1 15 49 77 1199 28 2 0 0 30         White-tailed Deer       6 1 30 35 2 3 1250 64 13 0 0 77         Deer Species       67 2 4 0 0 6         Moose       c 1 1 t 26 13 11 0 1 25         Elk       c 204 6 9 0 2 17         Pronghorn       162 2 1 0 0 3         Totals seen/heard on count day       15 9 50 92 84 14 5 3841         Total species seen/heard       4 5 5 6 4 6 3 3 35         Total species recorded by tracks       0 5 0 0 0 6 4 32         Total species otherwise recorded       0 2 0 0 0 3 1 0 0 6         Species recorded count period       2 0 0 0 1 0 0 0 12  |  | 1        | 1   |          |        |      |      |  |       |               |  |         |     | 10    |
| American Badger       0       0       1       1       2       7       0       10         Striped Skunk       0       6       2       2       2       0       0         River Otter       5       1       2       0       0       3         Lynx       0       0       5       0       0       5         Mule Deer       t       15       49       77       1199       28       2       0       0       30         White-tailed Deer       6       t       30       35       2       3       1250       64       13       0       0       77         Deer Species       67       2       4       0       0       6         Moose       c       t       1       t       26       13       11       0       1       25         Elk       c       c       204       6       9       0       2       17         Pronghorn       162       2       1       0       0       3       35       1         Total species seen/heard       4       5       5       6       4       6       3       35<   | Weasel Species   |          |     |          |        |      |      |  | 2     |               | 4  | 0       | 0   | 6     |
| American Badger       0 0 1 1 2 7 0 10         Striped Skunk       0 6 2 2 2 2 0 6         River Otter       5 1 2 0 0 5         Lynx       0 0 5 0 0 5         Mule Deer       t 15 49 77 1199 28 2 0 0 30         White-tailed Deer       6 t 30 35 2 3 1250 64 13 0 0 77         Deer Species       67 2 4 0 0 6         Moose       c t 1 t t 26 13 11 0 1 25         Elk       c 204 6 9 0 2 17         Pronghorn       162 2 1 0 0 3         Totals seen/heard on count day       15 9 50 92 84 14 5 3841         Total species recorded by tracks       0 5 0 0 0 6 4 32         Total species recorded by tracks       0 5 0 0 0 0 3 1 0 6         Species recorded count period       2 0 0 0 1 0 0 0 12  | American Mink  |          |     |          |        |      |      |  | 8     | 3             | 8  | 0       | 0   | 11    |
| Striped Skunk         0         6         2         2         2         0         6           River Otter         5         1         2         0         0         3           Lynx         0         0         5         0         0         5           Mule Deer         t         15         49         77         1199         28         2         0         0         30           White-tailed Deer         6         t         30         35         2         3         1250         64         13         0         0         77           Deer Species         67         2         4         0         0         6           Moose         c         t         1         t         26         13         11         0         1         25           Elk         c         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3         35           Total species seen/heard         4         5         5         6         4         6         3         35         35  | American Badger  |          |     |          |        |      | 0    | 0  | 1     | 1             | 2  | 7       | 0   | 10    |
| River Otter  |  |          | Q   |          |        |      |      |  | 6     | _             |  |         |     | 6     |
| Lynx       0       0       5       0       0       5         Mule Deer       t       15       49       77       1199       28       2       0       0       30         White-tailed Deer       6       t       30       35       2       3       1250       64       13       0       0       77         Deer Species       67       2       4       0       0       6         Moose       c       t       1       t       26       13       11       0       1       25         Elk       c       c       1       204       6       9       0       2       17         Pronghorn       162       2       1       0       0       3       3       35       17         Totals seen/heard on count day       15       9       50       92       84       14       5       3841       3841       3841       3841       35       36       3   |  |          |     |          |        |      |      |  |       |               | _  | _       |     | 3     |
| Mule Deer         t         15         49         77         1199         28         2         0         0         30           White-tailed Deer         6         t         30         35         2         3         1250         64         13         0         0         77           Deer Species         67         2         4         0         0         6           Moose         c         t         1         t         26         13         11         0         1         25           Elk         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3           Totals seen/heard on count day         15         9         50         92         84         14         5         3841         3841         35           Total species seen/heard         4         5         5         6         4         6         3         35         35           Total species recorded by tracks         0         5         0         0         0         6         4         32         32           Total  |  |          |     |          |        |      |      |  |       |               |  |         |     | 5     |
| White-tailed Deer         6         t         30         35         2         3         1250         64         13         0         0         77           Deer Species         67         2         4         0         0         6           Moose         c         t         1         t         26         13         11         0         1         25           Elk         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3         35         17           Totals seen/heard         4         5         5         6         4         6         3         35   |  |          | 4   | 15       | 40     | 77   |      |  |       | _             |  |         |     |       |
| Deer Species         67         2         4         0         0         6           Moose         c         t         1         t         26         13         11         0         1         25           Elk         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3           Totals seen/heard on count day         15         9         50         92         84         14         5         3841         3841         33         35         33         35         35         35         35         35         35         35         36         36         36         36         36         36         36         36         3841         32         36         36         36         36         36         36         37         37         37         37         37         37         3841         37         3841         37         3841         36         37         37         37         3841         37         37         37         37         3841         37         37         37         3841         3841 <td< td=""><td></td><td></td><td>į.</td><td></td><td>_</td><td>11</td><td>0</td><td>2</td><td></td><td>_</td><td></td><td></td><td></td><td></td></td<> |  |          | į.  |          | _      | 11   | 0    | 2  |       | _             |  |         |     |       |
| Moose         c         t         1         t         26         13         11         0         1         25           Elk         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3           Totals seen/heard on count day         15         9         50         92         84         14         5         3841         3841         3841         33         335         3   |  | б        | t   | 30       | 35     |      | 2.   | 3  |       |               |  |         |     |       |
| Elk         c         204         6         9         0         2         17           Pronghorn         162         2         1         0         0         3           Totals seen/heard on count day         15         9         50         92         84         14         5         3841         384   |  |          |     |          |        |      |      |  |       | _             |  |         |     | 6     |
| Pronghorn         162         2         1         0         0         3           Totals seen/heard on count day         15         9         50         92         84         14         5         3841         384  |  | С        | t   | 1        |        |      | t    |  |       |               |  |         |     | 25    |
| Totals seen/heard on count day         15         9         50         92         84         14         5         3841           Total species seen/heard         4         5         5         6         4         6         3         35           Total species recorded by tracks         0         5         0         0         0         6         4         32           Total species otherwise recorded         0         2         0         0         3         1         6           Species recorded count period         2         0         0         1         0         0         12   |  | С        |     |          |        |      |      |  |       |               | 9  |         |     | 17    |
| Total species seen/heard         4         5         5         6         4         6         3         35           Total species recorded by tracks         0         5         0         0         0         6         4         32           Total species otherwise recorded         0         2         0         0         0         3         1         6           Species recorded count period         2         0         0         1         0         0         12  | Pronghorn  |          |     |          |        |      |      |  | 162   | 2             | 1  | 0       | 0   | 3     |
| Total species seen/heard         4         5         5         6         4         6         3         35           Total species recorded by tracks         0         5         0         0         0         6         4         32           Total species otherwise recorded         0         2         0         0         0         3         1         6           Species recorded count period         2         0         0         1         0         0         12  |  | 15       | Q   | 50       | 92     | 84   | 14   | 5  | 3841  |               |  |         |     |       |
| Total species recorded by tracks         0         5         0         0         6         4         32           Total species otherwise recorded         0         2         0         0         0         3         1         6           Species recorded count period         2         0         0         0         1         0         0         12  |  |          |     |          |        |      |      |  | 0041  | 35            |  |         |     |       |
| Total species otherwise recorded         0         2         0         0         0         3         1         6           Species recorded count period         2         0         0         0         1         0         0         12  | the state of the s |          |     |          |        |      |      |  |       | 33            | 22   |         |     |       |
| Species recorded count period 2 0 0 0 1 0 0 12   |  |          |     |          |        | _    |      |  |       |               | 32   | 0       |     |       |
|  |  |          |     |          |        |      |      | -  |       |               |  | Ь       | 4.0 |       |
| Total species count period and day 6 12 5 6 5 15 8 39  |  |          |     |          |        |      |      |  |       |               |  |         | 12  | 2.0   |
|  | Total species count period and day   | 6        | 12  | 5        | 6      | 5    | 15   | 8  |       |               |  |         |     | 39    |

Table 3. Summary of Saskatchewan Christmas Mammal Counts-1973-2003.

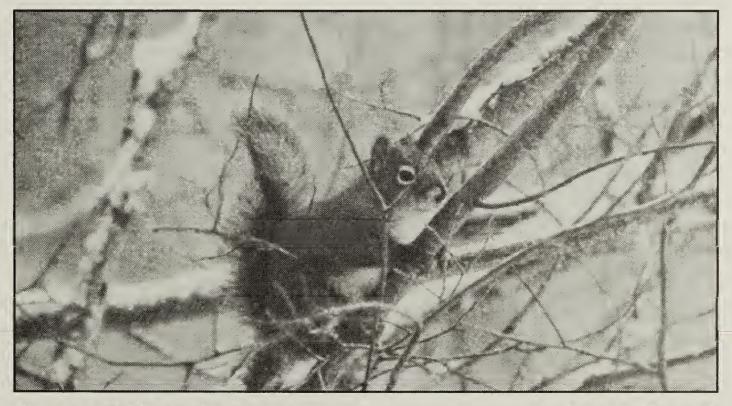
| Year         | Counts   | 1        |          |     |     | egory*   | New Species   |
|--------------|----------|----------|----------|-----|-----|----------|---|
|              |          | s        | t        | 0   | c   | Total    |   |
| 1973         | 8        | 8        | 3        | 0   | 0   | 11       | Snowshoe Hare, White-tailed Jack<br>Rabbit, Grey Squirrel, Am. Red<br>Squirrel, Am. Porcupine, Coyote, Red<br>Fox, White-tailed Deer. |
| 1974         | 16       | 12       | 2        | 0   | 1   | 15       | Am. Beaver, Deer Mouse, Meadow Vole, Mule Deer.   |
| 1975         | 28       | 14       | 6        | 0   | 1   | 21       | Franklin's Gr. Squirrel, Muskrat, House Mouse, Long-tailed Weasel.  |
| 1976         | 33       | 14       | 8        | 0   | 1   | 23       | Nuttall's Cottontail, Moose, Elk, Pronghorn.  |
| 1977         | 41       | 13       | 6        | 2   | 3   | 24       | Least Weasel, Am. Badger.   |
| 1978         | 42       | 20       | 6        | 0   | 3   | 29       | Raccoon, American Mink, Bobcat.   |
| 1979         | 42       | 23       | 3        | 0   | 1   | 27       | Wolf, Striped Skunk.  |
| 1980         | 45       | 22       | 4        | 0   | 2   | 28       | Richardson's Gr. Squirrel, Fox Squirrel, Ermine.  |
| 1981         | 37       | 20       | 4        | 1   | 2   | 27       |   |
| 1982         | 49       | 22       | 3        | 2   | 1   | 28       | Northern Flying-Squirrel.   |
| 1983         | 55       | 25       | 5        | 1   | 1   | 32       |   |
| 1984         | 54       | 25       | 7        | 2   | 0   | 34       | Gapper's Red-Backed Vole, Fisher.   |
| 1985         | 62       | 27       | 3        | 0   | 2   | 32       | River Otter.  |
| 1986         | 66       | 30       | 4        | 0   | 3   | 37       | Pygmy Shrew, Norway Rat, Am. Marten.  |
| 1987         | 70       | 28       | 3        | 1   | 5   | 37       | Masked Shrew, Eastern Cottontail.   |
| 1988         | 68       | 28       | 1        | 2   | 5   | 36       | Woodchuck, Woodland Caribou.  |
| 1989         | 68       | 29       | 0        | 1   | 3   | 33       | (Little Brown Bat-dead, count period).  |
| 1990         | 65       | 28       | 5        | 2   | 3   | 38       | Northern Pocket Gopher, (Big Brown Bat-dead, count period).   |
| 1991         | 82       | 33       | 4        | 2   | 3   | 42       | Short-tailed Shrew, Black-Tailed Prairie Dog, (Sagebrush Vole-dead).  |
| 1992         | 69       | 22       | 8        | 1   | 5   | 36       | (Am. Water Shrew-count period).   |
| 1993         | 72       | 27       | 5        | 2   | 2   | 36       |   |
| 1994         | 84       | 32       | 7        | 0   | 1   | 40       | (Mountain Lion-tracks).   |
| 1995         | 78       | 33       | 4 3      | 0   | 1   | 38       | Swift Fox.  |
| 1996<br>1997 | 82<br>96 | 29<br>32 | <i>3</i> | 1 0 | 4 3 | 37<br>39 | Black Bear, Lynx.   |
| 1997         | 87       | 27       | 7        | 3   | 1   | 38       |   |
| 1999         | 94       | 30       | 3        | 0   | 3   | 36       |   |
| 2000         | 93       | 30       | 2        | 1   | 5   | 38       |   |
| 2001         | 102      | 32       | 5        | 0   | 5   | 42       |   |
| 2002         | 93       | 33       | 4        | 0   | 1   | 38       | (jumping mouse species-tracks).   |
| 2003         | 91       | 35       | 4        | 0   | 0   | 39       | 13-lined Gr. Squirrel, L. Chipmunk.   |
| Totals       | 1972     | 49       | 2        | 0   | 4   | 55       |   |

s = seen, t = identified by tracks, o = identified by other methods (see introduction), c = recorded during count period but not on count day.



Swift Fox photographed on 21 December 2003 during the Christmas Mammal Count at Govenlock.

Val Harris



American Red Squirrel in winter.

Larry A. Morgotch