
MAMMALS

SASKATCHEWAN CHRISTMAS MAMMAL COUNT - 1999

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The number of mammal counts received this year is 94, two less than in 1997, but seven more than received last year. The number of species reported was 37, two less than both 1998 and 1997. The average number of species per count was 7.2, the same as last year, which is below the long-term average.

The weather was mild and windy. Much of the south experienced snow-free conditions while further north the little snow cover present was crusted, making track identification difficult as evidenced by the low number of species and even one count reporting zero species.

No new species were reported this year. The Short-tailed Shrew at Fort Qu'Appelle was the only rarity. Population trends followed the pattern of previous years with the exception of White-tailed Deer whose numbers appeared to be below long term averages.

For weather, coverage and participants please refer to the Christmas Bird Count found elsewhere in this issue. In the tables, a numeral alone shows that the mammals were seen, while a letter following the number means that the number was inferred by the means defined below. A letter alone means that the species was present but estimating the numbers was impossible or that no attempt was made to do so. Symbols used in the tables are:

T = tracks

L = active lodge or hut

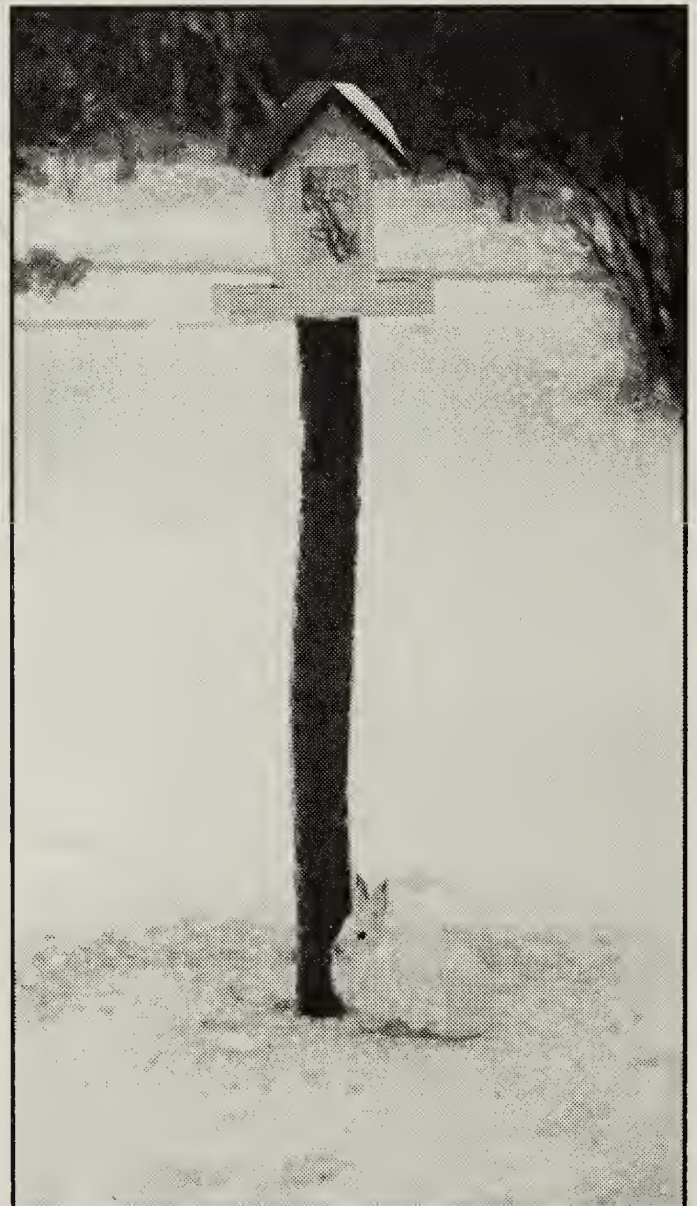
D = dead animal found

d = fresh diggings found

S = smell or odour

H = heard

0 = present during the count period (December 16 to January 3) but not found on count day.



**Snowshoe Hare at feeder - Birch Hills
Don Weidt**

Table 1-1: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCALITY & DATE											
	1. ARCHERWILL December 30, 1999	2. ARMIT December 27, 1999	3. ASSINIBOIA January 03, 2000	4. AVONLEA January 02, 2000	5. BANGOR December 17, 1999	7. BIGGAR December 27, 1999	8. BIG RIVER January 02, 2000	9. BIRCH HILLS December 20, 1999	10. BODMIN December 24, 1999	11. BROADVIEW December 26, 1999	12. BROMHEAD January 02, 2000	
SHORT-TAILED SHREW												
MASKED SHREW												
SHREW species					2							
EASTERN COTTONTAIL												
NUTTALL'S COTTONTAIL												
SNOWSHOE HARE	2	2T			14	1T		2+24T	T	2T		
WHITE-T. JACKRABBIT	1		11	10T								1D
RICH. GND. SQUIRREL												
GREY SQUIRREL	5											
FOX SQUIRREL										2		
RED SQUIRREL		2			0		1	1+1T	3			
N. FLYING SQUIRREL												
SQUIRREL species												
BEAVER		2L										
DEER MOUSE				0	12							
GAP. RED-BACKED VOLE												
MUSKRAT		7L		40L								
MEADOW VOLE					6							
VOLE species						4T		1T				1
MOUSE species								2T	T	2T		
NORWAY RAT					1							
HOUSE MOUSE					2							
PORCUPINE	2	2T	6		1T							
COYOTE	3	1	9	1	5H	2T	T	2+6T	T		2T	
WOLF	1	1T										
RED FOX	1			0		1T	T	1T				3T
SWIFT FOX												
RACCOON												
ERMINE								3T				
LONG-TAILED WEASEL								1T		1T		
LEAST WEASEL								1T				
WEASEL species		1T							1			
MINK										1T		
BADGER								1T				
STRIPED SKUNK			3									
RIVER OTTER												
MULE DEER			20			1						
WHITE-TAILED DEER	3	3+50T	22	20	9	40T	T	1+2T	T	4T		6
DEER species												
MOOSE	3	5T	1									
ELK		10T										
PRONGHORN			2									
TOTAL SPECIES	9	11	8	6	10	6	4	11	6	6		5

Table 1-2: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

13. CABRI December 25, 1999	14. CANDLE LAKE December 30, 1999	15. CLARK'S CROSS December 18, 1999	16. COCHIN December 27, 1999	17. CORONACH December 22, 1999	18. CRAVEN December 18, 1999	19. CROOKED LAKE December 18, 1999	20. CROOKED R. December 30, 1999	21. CYPRESS HILLS December 30, 1999	22. DUCK LAKE December 19, 1999	23. EASTEND December 27, 1999	LOCALITY & DATE	SPECIES
												SHORT-TAILED SHREW
												MASKED SHREW
						T						SHREW species
												EASTERN COTTONTAIL
				5T							1T	NUTTALL'S COTTONTAIL
	8T	20T	2+2T		2T	1						SNOWSHOE HARE
3T		1+1T	1	2	20T							WHITE-T. JACKRABBIT
				1							0	RICH. GND. SQUIRREL
					4							GREY SQUIRREL
					5							FOX SQUIRREL
3+9T	1T	1		1T	5		28					RED SQUIRREL
												N. FLYING SQUIRREL
												SQUIRREL species
					2	1L					L2	BEAVER
			10T	2		T					2T	DEER MOUSE
												GAP. RED-BACKED VOLE
		1T		1	3	I					5L	MUSKRAT
				3	2	T		I			1T	MEADOW VOLE
		2+2T			2T							VOLE species
	2T	3T		2T	17T							MOUSE species
												NORWAY RAT
												HOUSE MOUSE
		2	1T	3	1							PORCUPINE
3T	1+2T	3	3+3T	6	4	2	0	6			2	COYOTE
											0	WOLF
I		1T	1+2T	1+2T	2T	T					1T	RED FOX
												SWIFT FOX
											0	RACCOON
												ERMINE
				1T	T							LONG-TAILED WEASEL
					1T							LEAST WEASEL
		1		1T								WEASEL species
					1	3						MINK
				1d								BADGER
1S		1S	1S	2S								STRIPED SKUNK
												RIVER OTTER
18			4	92				18			19	MULE DEER
	1+10T	8	4+15T	36	16	T	1T	46			4	WHITE-TAILED DEER
		7T			10T							DEER species
	1T							4				MOOSE
											0	ELK
				32							0	PRONGHORN
5	6	12	10	15	17	11	2	6	0	14		TOTAL SPECIES

Table I-3: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCALITY & DATE		24.EMMA LAKE January 01, 2000	25.ESTEVAN December 23, 1999	26.ESTUARY December 31, 1999	27.FENTON December 18, 1999	28.FERLAND December 30, 1999	29.FIFE LAKE December 28, 1999	30.FT. QU'APPELLE December 18, 1999	31.FORT WALSH December 18, 1999	32.GARDINER DAM December 20, 1999	33.GOOD SPIRIT December 29, 1999	34.GOVENLOCK December 19, 1999
SHORT-TAILED SHREW									0				
MASKED SHREW													
SHREW species						2T							
EASTERN COTTONTAIL				5T									
NUTTALL'S COTTONTAIL					1					6T	4		1
SNOWSHOE HARE	0	2T				9T			1		1T		
WHITE-T. JACKRABBIT											4+2T	1T	
RICH. GND. SQUIRREL										1			
GREY SQUIRREL													
FOX SQUIRREL				3									
RED SQUIRREL	5					1H+3			10	7+2T		1T	
N. FLYING SQUIRREL	0												
SQUIRREL species													
BEAVER				2L		1L						1L	
DEER MOUSE				1T					2	3T			
GAP. RED-BACKED VOLE									2				
MUSKRAT				7L				2	2		12L	9L	
MEADOW VOLE				1D						5	1		
VOLE species										1T	2T	1T	
MOUSE species						7T					1T		
NORWAY RAT													
HOUSE MOUSE									0				
PORCUPINE					1				0	2T	4T	3T	3T
COYOTE				3T	3	2+7T	4H		0	4	11	3	6
WOLF													
RED FOX				1T					0		1+1T		
SWIFT FOX													2T
RACCOON									0				
ERMINE													
LONG-TAILED WEASEL						2T							
LEAST WEASEL													
WEASEL species				1T									
MINK				1T					1				
BADGER													1d
STRIPED SKUNK													
RIVER OTTER													
MULE DEER					1				0	15	141		146
WHITE-TAILED DEER				10T	19	10T			0	44	29	7	25
DEER species													
MOOSE												1T	
ELK										1			
PRONGHORN										18			482
TOTAL SPECIES	3	12	5	8	1	1	1	14	12	11	9	8	

Table 1-4: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

35. GRASSLAND NP December 17, 1999	36. GRAYSON December 23, 1999	37. HARRIS January 03, 2000	39. HOLBIEN December 31, 1999	40. INDIAN HEAD December 27, 1999	41. KAMSACK December 26, 1999	42. KELVINGTON December 28, 1999	43. KENASTON December 23, 1999	44. KENNEDY December 30, 1999	45. KENOSEE LAKE December 28, 1999	46. KILWINNING December 22, 1999	LOCALITY & DATE	SPECIES
												SHORT-TAILED SHREW
												MASKED SHREW
							12T					SHREW species
												EASTERN COTTONTAIL
1												NUTTALL'S COTTONTAIL
		6T		2		10T	T	1T			T	SNOWSHOE HARE
	1T	8T	3	3			T					WHITE-T. JACKRABBIT
												RICH. GND. SQUIRREL
												GREY SQUIRREL
												FOX SQUIRREL
	1			21					5+3H		5	RED SQUIRREL
												N. FLYING SQUIRREL
												SQUIRREL species
	1							2L	16L			BEAVER
							T					DEER MOUSE
												GAP. RED-BACKED VOLE
								29L	37L			MUSKRAT
	3						T					MEADOW VOLE
		3T										VOLE species
	2T		1									MOUSE species
												NORWAY RAT
												HOUSE MOUSE
				1	1	1T						PORCUPINE
2	2T	7		13	1H	2	12T	3T	1+2H		1	COYOTE
												WOLF
	1	4T		1			12T					RED FOX
												SWIFT FOX
							T	1T				RACCOON
												ERMINE
			T				T					LONG-TAILED WEASEL
												LEAST WEASEL
	2T											WEASEL species
	3						T					MINK
							T				1d	BADGER
		1S			2		T					STRIPED SKUNK
												RIVER OTTER
11		44					T					MULE DEER
56	1	34		13	72	20T	T	2	26			WHITE-TAILED DEER
												DEER species
						2						MOOSE
						T						ELK
126												PRONGHORN
5	10	8	3	7	6	4	14	6	5	4		TOTAL SPECIES

Table I-5: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCALITY & DATE	47. KINDERSLEY December 27, 1999	48. KINLOCH December 18, 1999	49. KUTAWAGAN L. December 24, 1999	50. LAIRD December 28, 1999	51. LAST MTN. L. December 26, 1999	52. LEADER (N) December 27, 1999	53. LEADER (S) December 18, 1999	55. LOVE December 24, 1999	56. LUSELAND December 26, 1999	57. MACDOWALL December 25, 1999
SHORT-TAILED SHREW											
MASKED SHREW											
SHREW species											2T
EASTERN COTTONTAIL											
NUTTALL'S COTTONTAIL							2	1			
SNOWSHOE HARE			1	2T	T				0		2T
WHITE-T. JACKRABBIT				30T		5T	2			0	1T
RICH. GND. SQUIRREL											
GREY SQUIRREL											
FOX SQUIRREL											
RED SQUIRREL			5T						10		2
N. FLYING SQUIRREL									0		
SQUIRREL species											
BEAVER			2L				1				L
DEER MOUSE										1	
GAP. RED-BACKED VOLE											
MUSKRAT			6L	1+30L		1					L
MEADOW VOLE			10T	1T							
VOLE species											2T
MOUSE species							2				2T
NORWAY RAT											
HOUSE MOUSE											
PORCUPINE				3T		3T				0	1T
COYOTE			4T	7	T	2	9		0	1	10T
WOLF											
RED FOX				1T					0	0	1+10T
SWIFT FOX											
RACCOON			2T								1T
ERMINE											
LONG-TAILED WEASEL											2T
LEAST WEASEL			2T								1T
WEASEL species				2T						0	
MINK			1T			1T					
BADGER						2d					
STRIPED SKUNK											
RIVER OTTER											
MULE DEER							12	11			
WHITE-TAILED DEER			4T	10T	T	45	4		18	11	20T
DEER species											
MOOSE									0	1	
ELK			7T						0		
PRONGHORN		25									
TOTAL SPECIES		1	11	9	3	7	7	2	8	8	15

Table 1-6: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

LOCALITY & DATE	SPECIES								
58.MATADOR December 27, 1999									SHORT-TAILED SHREW
59.MEADOW L. December 26, 1999									MASKED SHREW
60.MELFORT December 26, 1999									SHREW species
61.MELVILLE December 25, 1999									EASTERN COTTONTAIL
63.MOOSE JAW December 26, 1999									NUTTALL'S
64.MOOSE MTN. December 30, 1999									2
65.NIPAWIN December 30, 1999									15T
66.NISBET WEST January 01, 2000									T
67.PIKE LAKE January 02, 2000									2I+20T
68 PORCUPINE PLN December 27, 1999									2T
									SNOWSHOE HARE
									WHITE-T. JACKRABBIT
									RICH. GND. SQUIRREL
									GREY SQUIRREL
									FOX SQUIRREL
									3
									5
									3
									5
									5
									RED SQUIRREL
									N. FLYING SQUIRREL
									SQUIRREL species
									BEAVER
									DEER MOUSE
									GAP. RED-BACKED VOLE
									MUSKRAT
									MEADOW VOLE
									1
									1T
									4T
									1T
									4T
									VOLE species
									MOUSE species
									NORWAY RAT
									1T
									HOUSE MOUSE
									3
									1
									3
									1
									COYOTE
									WOLF
									1T
									0
									RED FOX
									SWIFT FOX
									0
									RACOON
									ERMINE
									LONG-TAILED WEASEL
									LEAST WEASEL
									1T
									WEASEL species
									MINK
									BADGER
									STRIPED SKUNK
									RIVER OTTER
									31
									MULE DEER
									32+12T
									5
									5
									14
									17T
									15+7T
									DEER species
									2T
									3T
									MOOSE
									29
									31
									20T
									TELK
									19
									PRONGHORN
									7
									7
									2
									4
									2
									2
									4
									3
									8
									8
									TOTAL SPECIES

Table 1-7: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCALITY & DATE	69.PREECEVILLE January 01, 2000	70.PADDOCK WOOD December 19, 1999	71.PRINCE ALBERT December 19, 1999	72.PR. ALBERT NP December 20, 1999	73.QU'APPELLE DAM December 19, 1999	74.RAYMORE December 25, 1999	75.REGINA December 26, 1999	76.ROCKGLEN December 30, 1999	77.ROUND LAKE December 20, 1999	78.SK. LANDING PP December 21, 1999
SHORT-TAILED SHREW											
MASKED SHREW							1				
SHREW species											
EASTERN COTTONTAIL											
NUTTALL'S COTTONTAIL									0		10T
SNOWSHOE HARE				1+3T	3T		20T	25T		4T	
WHITE-T. JACKRABBIT				1+1T		1	10T	20		1T	4T
RICH. GND. SQUIRREL				1							
GREY SQUIRREL		1									
FOX SQUIRREL											
RED SQUIRREL		1		6	3+5T			7		6	
N. FLYING SQUIRREL											
SQUIRREL species								5			
BEAVER							1L			7L	1T
DEER MOUSE							3	79T		10T	
GAP. RED-BACKED VOLE							3				
MUSKRAT							11L	2L			
MEADOW VOLE							13	12T		20T	
VOLE species					4T						
MOUSE species				1T							
NORWAY RAT											
HOUSE MOUSE							10T			2T	
PORCUPINE				2T			7T	1	0	1	2
COYOTE		10H		12+1T		1	3+10T	2T	0	2	3
WOLF											
RED FOX			2	3	1+2T		1T	1		4T	
SWIFT FOX											
RACCOON		0							0	1T	
ERMINI:											
LONG-TAILED WEASEL				3T			1T				
LEAST WEASEL										1T	1T
WEASEL species							3T	2T			
MINK							1T	2T		1	
BADGER							2d				
STRIPED SKUNK								1D		1	
RIVER OTTER											
MULE DEER									0		61
WHITE-TAILED DEER		8+5T	3	13+10	2	5	13+10	13	41	5	56
DEER species											
MOOSE											
ELK					10T						
PRONGHORN											
TOTAL SPECIES		5	2	10	6	3	16	13	6	15	8

Table 1-8. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

79. SASK. R. FORKS December 20, 1999	80. SASKATOON December 26, 1999	81. SHAMROCK December 29, 1999	82. SKULL CREEK December 26, 1999	83. SNOWDEN December 27, 1999	84. SOMME December 27, 1999	85. SPALDING December 27, 1999	86. SQUAW RAPIDS December 28, 1999	87. STOCKHOLM December 28, 1999	88. SWIFT CURRENT January 02, 2000	LOCALITY & DATE	SPECIES
											SHORT-TAILED SHREW
											MASKED SHREW
						T					SHREW species
											EASTERN COTTONTAIL
			5						4+1T		NUTTALL'S COTTONTAIL
5T, 2+31T				10T	0	5T	6T				SNOWSHOE HARE
	11	2T	4		0		2T	3	2+1T		WHITE-T. JACKRABBIT
		1	1								RICH. GND. SQUIRREL
									20		GREY SQUIRREL
											FOX SQUIRREL
2+2T	4		4	17	6		40				RED SQUIRREL
											N. FLYING SQUIRREL
											SQUIRREL species
	2+1T						3L				BEAVER
	14T	1		30T	1		2T		1T		DEER MOUSE
											GAP. RED-BACKED VOLE
		8L					7L				MUSKRAT
	2T			4T			3T				MEADOW VOLE
						T					VOLE species
		1T				T		1			MOUSE species
											NORWAY RAT
											HOUSE MOUSE
	1T		2			1T	1T	1			PORCUPINE
	10	2+4T	7		0	t	3T	2	5+3T		COYOTE
					0		2T				WOLF
	2	4T	1			4T	2T				RED FOX
											SWIFT FOX
				6T							RACCOON
1T											ERMINE
1T			2	0							LONG-TAILED WEASEL
			4								LEAST WEASEL
	1	1T				1T	1T				WEASEL species
			1				1T		2		MINK
		2T+6d						0			BADGER
							1S				STRIPED SKUNK
							1T				RIVER OTTER
			4						45+1T		MULE DEER
12T	43		13		0	6T	18	5	8		WHITE-TAILED DEER
	22T	12T							11		DEER species
					0		2T				MOOSE
							34				ELK
									8		PRONGHORN
5	11	9	12	6	8	9	18	6	9		TOTAL SPECIES

Table 1-9: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCALITY & DATE	89. TISDALE December 24, 1999	90. TOGO December 24, 1999	91. TORCH R. January 02, 2000	92. TURTLE L. December 20, 1999	94. WATSON January 02, 2000	95. WELDON December 19, 1999	96. WEYBURN December 18, 1999	97. WHITE BEAR January 01, 2000	98. WHITEWOOD December 19, 1999	99. YORKTON December 31, 1999	NUMBER OF COUNTS
SHORT-TAILED SHREW												1
MASKED SHREW												1
SHREW species						1T						7
EASTERN COTTONTAIL												1
NUTTALL'S COTTONTAIL												14
SNOWSHOE HARE			1	0			T			9T	1	48
WHITE-T. JACKRABBIT										1	1T	39
RICH. GND. SQUIRREL												6
GREY SQUIRREL												4
FOX SQUIRREL								2				5
RED SQUIRREL				3	4					2	3	44
N. FLYING SQUIRREL			1									3
SQUIRREL species												1
BEAVER											1	19
DEER MOUSE										2T	1T	22
GAP. RED-BACKED VOLE												2
MUSKRAT									0	13L		24
MEADOW VOLE											4T	20
VOLE species										1T		15
MOUSE species											12T	21
NORWAY RAT												1
HOUSE MOUSE										1		6
PORCUPINE					3					2		36
COYOTE				0	7	1T	2		6	2		76
WOLF												5
RED FOX				0						1		39
SWIFT FOX												1
RACCOON												11
ERMINE											1	3
LONG-TAILED WEASEL						1T						14
LEAST WEASEL												7
WEASEL species												15
MINK												15
BADGER												9
STRIPED SKUNK											2	12
RIVER OTTER												1
MULE DEER					8				128			24
WHITE-TAILED DEER		8		3	15		1	1	3	5	1	77
DEER species						5T						7
MOOSE					2							14
ELK				60								12
PRONGHORN									0			10
TOTAL SPECIES		1	2	6	6	4	3	2	5	13	7	



Coyote eating Crab Apples at Crooked River

Joyce Mehler



Northern Hawk-Owl, Moose Jaw, December 26, 1999

Leith Knight