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# MAMMALS

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## SASKATCHEWAN CHRISTMAS MAMMAL COUNTS — 1995

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The number of mammal counts conducted this year dropped from the record 84 last year to 78 in 1995. The number of species recorded was 38, down from last year's 42.

More typical winter weather returned to the province in 1995. Unlike last year's count when a lack of snow made tracking conditions poor in much of the southwestern area, snow cover was generally good throughout the province. No new species were reported in 1995. Rare species included Swift Foxes reported from two counts, both within the areas designated for reestablishment of Swift Fox populations through re-introduction.

The most commonly reported species was White-tailed Deer, followed by Coyote and Red Fox. Most populations appeared stable. One exception was Red Fox that increased from 45% of the counts in 1994 to 64% in 1995. White-tailed Deer were also up from 75% of counts to 84%.

For weather, coverage and participants please refer to the Christmas Bird Count found elsewhere in this issue. Numbers appearing before the count location name in the tables refer to the location of the count on the map included with the bird count. In the tables, a numeral alone shows that the mammals were seen, while a letter preceding 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.

T = tracks

L = active lodge or hut

D = dead animal found

d = fresh diggings found

S = smell or odour

H = heard

+ = present during the count period (16 December to 2 January) but not found on count day.

I wish to comment on errors that have appeared in the count compilation over the past two years. In 1993, 17 counts were added to the compilation after it left the editorial hands. Here all 17 counts were areas that had not conducted mammal counts and they were inserted with zero species seen inferring that counts were conducted when they were not. Last year (1994), for the first time ever, we had two counts conducted but zero species recorded; these were deleted, again after proof-reading was complete. Furthermore, the numbers preceding the counts that provided location reference to the map were also changed so they referenced the wrong location. I wish to apologize to the compilers of these counts for these errors.

**Table 1-1: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	1. ARMIT December 23	2. ASSINIBOIA January 2	3. BANGOR December 29	4. BETHUNE December 26	5. BIGGAR December 19	6. BIRCH HILLS December 21	7. BRIGHTWATER RES. December 17	8. BROADVIEW no count	9. CABRI December 26	10. CANDLE LAKE December 30
MASKED SHREW										
SHREW species			+							
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL										
SNOWSHOE HARE			T(2)		T(5)	T				T(50+)
WHITE-TAILED JACK RABBIT		9		2	T(2)	T(1)				
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL										
AMERICAN RED SQUIRREL	11					1+T(2)				10
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER										
DEER MOOUSE			+							
GAPPER'S RED-BACKED VOLE										
MUSKRAT										
MEADOW VOLE										
VOLE species					T(14)	T(4)				T(2)
MOUSE species	T		+			T(6)				
NORWAY RAT										
HOUSE MOUSE										
AMERICAN PORCUPINE			1			T(4)	1			
COYOTE		2	2	1	5	T(7)			1	
WOLF										T(1)
RED FOX		10			2	T(5)			2	
SWIFT FOX										
RACCOON		2								
FISHER						T(2)				
ERMINE						T(2)				
LONG-TAILED WEASEL			T(1)		1	T(2)				
LEAST WEASEL						T(1)				
WEASEL species	T(1)									
AMERICAN MINK						T(1)				
AMERICAN BADGER										
STRIPED SKUNK										
RIVER OTTER										T(1)
BOBCAT										
MULE DEER		6			2				T	
WHITE-TAILED DEER	T(10)	68	8	18	6	T(4)	4			1+T(100+)
DEER species										
MOOSE	T(2)									T(2)
AMERICAN ELK	T(4)									
PRONGHORN		20								
TOTAL SPECIES	6	7	8	3	8	13	2		3	7



**Table 1-2: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	11. CHITEK LAKE <i>no count</i>	12. CHRISTOPHER LAKE (N) December 28	13. CLARK'S CROSSING December 16	14. CORONACH December 29	15. CRAVEN December 16	16. CROOKED LAKE December 27	17. CROOKED RIVER December 24	18. DILKE December 24	19. DUVAL December 26	20. EASTEND December 30
MASKED SHREW				T(1)						
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL				T(1)						
SNOWSHOE HARE		T(1)	3+T(17)			T	T(1)			
WHITE-TAILED JACK RABBIT			1	T(7)		T	T(1)		T(2)	
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL					3					
FOX SQUIRREL										
AMERICAN RED SQUIRREL		8			3	2	3			
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER		L(1)				3				
DEER MOUSE				T(2)						
GAPPER'S RED-BACKED VOLE										
MUSKRAT		D(1)				3				
MEADOW VOLE						T				
VOLE species			3	T(2)						
MOUSE species		T(4)	T(8)			T			T(4)	
NORWAY RAT									T(1)	
HOUSE MOUSE										
AMERICAN PORCUPINE			T(1)						T(1)	2
COYOTE			3+T(6)	3	3	1	T(1)		H(2)	
WOLF		+								
RED FOX		T(1)	5+T(1)	T(2)	1	T			1	
SWIFT FOX									T(1)	
RACCOON										
FISHER										
ERMINE										
LONG-TAILED WEASEL									T(2)	
LEAST WEASEL		1								
WEASEL species			1+T(1)							
AMERICAN MINK										
AMERICAN BADGER										
STRIPED SKUNK									T(3)	
RIVER OTTER										
BOBCAT										
MULE DEER			10	9	9					8
WHITE-TAILED DEER		T(2)	14	2	32	5	6	10	13	22
DEER species			T(10)						T(14)	
MOOSE										
AMERICAN ELK										
PRONGHORN										
TOTAL SPECIES		9	11	9	6	10	5	1	11	3

**Table 1-3: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	21. EMMA LAKE January 1	22. ENDEAVOUR December 25	23. ESTEVAN December 29	24. FENTON December 28	25. FIFE LAKE January 2	26. FORT QU'APPELLE December 16	27. FORT WALSH December 16	28. GARDINER DAM December 18	29. GOOD SPIRIT LAKE December 22	30. GOVENLOCK December 17
MASKED SHREW										
SHREW species									T	
EASTERN COTTONTAIL			T(14)							
NUTTALL'S COTTONTAIL							4	2		4
SNOWSHOE HARE	T					5	T(3)	T(3)	T(25)	
WHITE-TAILED JACK RABBIT		1				+	T(2)	T(13)	T(5)	T(10)
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL			16							
AMERICAN RED SQUIRREL	4	2		3		21	38		5	
NORTHERN FLYING SQUIRREL									2	
AMERICAN BEAVER									L(1)	
DEER MOUSE						1			T(2)	
GAPPER'S RED-BACKED VOLE									2	
MUSKRAT						+			L(7)	
MEADOW VOLE										
VOLE species			T(16)				T(8)	T(7)		T(2)
MOUSE species							T(5)	T(5)		T(10)
NORWAY RAT										
HOUSE MOUSE										
AMERICAN PORCUPINE		T(1)				+	3	2	T(6)	1
COYOTE		1	1	1	5	3	9	5	T(7)	13
WOLF										
RED FOX			T(1)			4	T(1)	1		4
SWIFT FOX										T(1)
RACCOON						+				
FISHER										
ERMINE		T(1)							T(2)	
LONG-TAILED WEASEL	1					+				
LEAST WEASEL										
WEASEL species							T(2)	T(2)		
AMERICAN MINK						2			T(1)	
AMERICAN BADGER							1			d(1)
STRIPED SKUNK										
RIVER OTTER										
BOBCAT			T(1)							
MULE DEER			6			+	48	143		34
WHITE-TAILED DEER		T(8)	15			4	62	71	12	21
DEER species										
MOOSE							1		+	
AMERICAN ELK							67			
PRONGHORN							26			
TOTAL SPECIES	3	6	8	2	1	13	16	11	15	11



**Table 1-4: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	31. GRASSLANDS N.P. December 28	32. GRASSLANDS N.P. (NW) December 19	33. HEPBURN <i>no count</i>	34. HORSESHOE BEND December 30	35. HUMBOLDT December 26	36. INDIAN HEAD December 20	37. KAMSACK January 1	38. KELVINGTON December 28	39. KENASTON December 17	40. KILWINNING December 22
MASKED SHREW										
SHREW species					+			T(1)		
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL	1	2								
SNOWSHOE HARE					T(10)	1	22	T(24)	T(25)	
WHITE-TAILED JACK RABBIT	T(2)				T(3)			T(6)	T(8)	
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG	1									
GREY SQUIRREL										
FOX SQUIRREL										
AMERICAN RED SQUIRREL					+	16	8			3
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER										
DEER MOUSE										
GAPPER'S RED-BACKED VOLE										
MUSKRAT					D(1)					
MEADOW VOLE										
VOLE species										
MOUSE species	T(20)			T(5)				T(21)	T	
NORWAY RAT										
HOUSE MOUSE	14									
AMERICAN PORCUPINE	1				T(2)		1	D(1)+T(6)		
COYOTE		4			T(6)	1	H(1)	T(4)	T(2)	1
WOLF										
RED FOX				1	T(3)		3	T(2)	1	T
SWIFT FOX	1									
RACCOON								+		
FISHER										
ERMINE										
LONG-TAILED WEASEL					+		1			
LEAST WEASEL				T(1)					T(3)	
WEASEL species	T(1)							T(6)		
AMERICAN MINK					+					
AMERICAN BADGER	d(1)									
STRIPED SKUNK						1				
RIVER OTTER						1				
BOBCAT										
MULE DEER	28								2	
WHITE-TAILED DEER	7	6		5	T(20)	8	133	T(40)	21	T(100+)
DEER species										
MOOSE							7			
AMERICAN ELK							25			
PRONGHORN	15									
TOTAL SPECIES	12	3		4	11	6	9	10	8	4

Table 1-5: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS

SPECIES	LOCATION AND DATE									
	41. KINDERSLEY January 2	42. KINLOCH December 24	43. KUTAWAGAN LAKE December 31	44. LARONGE December 26	45. LAST MOUNTAIN L. N.W.A January 2	46. LEADER (North) December 29	47. LEADER (South) December 31	48. LIVELONG <i>no count</i>	49. LOVE-TORCH RIVER December 30	50. LUSELAND January 2
MASKED SHREW										
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL						2				
SNOWSHOE HARE		T(20)	T(1)	T(7)						
WHITE-TAILED JACK RABBIT	5		T(2)		T	2				2
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL										
AMERICAN RED SQUIRREL		3		3					4	
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER		L(3)			L(1)					
DEER MOUSE										2
GAPPER'S RED-BACKED VOLE										
MUSKRAT		L(3)	L(20)							
MEADOW VOLE										
VOLE species				T(6)	T					
MOUSE species			T(10)		T	4				+
NORWAY RAT										
HOUSE MOUSE										
AMERICAN PORCUPINE		1	1			2	1	1	1	
COYOTE		2	2		T	5		3	+	
WOLF										
RED FOX			1	T(2)	T			2	+	
SWIFT FOX										
RACCOON										
FISHER										
ERMINE				T(4)						
LONG-TAILED WEASEL					T(1)					
LEAST WEASEL		T(2)								
WEASEL species			T(2)					T(1)		
AMERICAN MINK				T(2)						
AMERICAN BADGER			d(1)							
STRIPED SKUNK										
RIVER OTTER										
BOBCAT										
MULE DEER	17					24	25			
WHITE-TAILED DEER	T(6)	T(18)	13		60	38		24		
DEER species	23									+
MOOSE		T(2)								
AMERICAN ELK		31								
PRONGHORN	4					43				
TOTAL SPECIES	5	10	10	6	8	8	2	6	6	

**Table 1-6: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	51. MACDOWALL December 31	52. MEADOW LAKE December 26	53. MELFORT January 1	54. MELFORT (SE) December 26	55. MELVILLE December 24	56. MISSINUIPE <i>no count</i>	57. MOOSE JAW December 26	58. MOOSE MOUNTAIN December 28	59. NIPAWIN <i>no count</i>	60. PADDOCKWOOD-CHR. L. December 26
MASKED SHREW										
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL							2			
SNOWSHOE HARE		1	12							
WHITE-TAILED JACK RABBIT	+		2				5			
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL							9			
AMERICAN RED SQUIRREL	2	5						19		2
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER							1			
DEER MOUSE										
GAPPER'S RED-BACKED VOLE										
MUSKRAT						L(3)				
MEADOW VOLE										
VOLE species										
MOUSE species	T					T(2)				
NORWAY RAT										
HOUSE MOUSE										
AMERICAN PORCUPINE		3		1	1			3		
COYOTE	T(2)	1	2	12	1					1
WOLF										
RED FOX	T(7)		2	3	1		2	2		
SWIFT FOX										
RACCOON	T(1)				1					
FISHER										
ERMINE										
LONG-TAILED WEASEL										
LEAST WEASEL	T(12)									
WEASEL species			T(1)				T(1)			
AMERICAN MINK	T(2)						T(1)			
AMERICAN BADGER							d(3)			
STRIPED SKUNK										
RIVER OTTER										
BOBCAT										
MULE DEER										
WHITE-TAILED DEER	T(4)		4		1+T(10)		35	24		
DEER species										
MOOSE								1		
AMERICAN ELK										
PRONGHORN										
TOTAL SPECIES	9	4	6	3	7		9	5		2



**Table 1-7: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	61. PIKE LAKE December 30	62. PRINCE ALBERT December 17	63. PRINCE ALBERT N.P. December 30	64. QU'APPELLE VALLEY DAM December 17	65. RAYMORE December 25	66. REGINA December 26	67. ROCKGLEN-BORDERLAND December 16	68. ROUND LAKE (QU'APPELLE V.) December 17	69. ROUND LAKE (PRINCE ALBERT) January 2	70. SASK. LAND NG (P.P.) December 27
MASKED SHREW						+				
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL				4			+			1
SNOWSHOE HARE		2+T(6)	T(16)	1+T(12)	1+T(20)	2		3		
WHITE-TAILED JACK RABBIT		T			T(2)	6	1			
RICHARDSON'S GROUND SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL						T(1)				
AMERICAN RED SQUIRREL	9	T	59+T(35)		T(1)	12		9	2	
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER			T(1)		L(1)			1		
DEER MOUSE			T(1)		4	T				
GAPPER'S RED-BACKED VOLE										
MUSKRAT					L(14)					
MEADOW VOLE										
VOLE species		T	T(1)			T				
MOUSE species	1							T(1)		T
NORWAY RAT					T(1)					
HOUSE MOUSE						+				
AMERICAN PORCUPINE	2	1			1	T(1)	1	2		
COYOTE	H(15)	1		7	3	3	5	2		11
WOLF			T(20)							
RED FOX	1	T(2)	5+T(25)		T(1)	2		1		
SWIFT FOX										
RACCOON										
FISHER			1							
ERMINE		1								
LONG-TAILED WEASEL	1				T(1)			T(1)		
LEAST WEASEL		T			T(1)					
WEASEL species			T(2)		T(3)	T				
AMERICAN MINK						T(1)		1		
AMERICAN BADGER				1	+		+	1		
STRIPED SKUNK	S(1)				+		+			
RIVER OTTER			T(13)							
BOBCAT										
MULE DEER			2	40		16	19			36
WHITE-TAILED DEER		4+T(10)		50	7	59	219	46		89
DEER species	6		T(26)							
MOOSE			T(3)							
AMERICAN ELK			T(12)							
PRONGHORN										59
TOTAL SPECIES	8	10	14	6	18	13	8	11	1	6



**Table 1-8: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE									
	71. SASKATOON December 26	72. SCOTT December 27	73. SHAMROCK December 30	74. SHAUNAVON December 26	75. SKULL CREEK December 26	76. SNOWDEN December 29	77. SPALDING December 26	78. SPINNEY HILL December 29	79. SQUAW RAPIDS December 22	80. SWIFT CURRENT December 17
MASKED SHREW					1					
SHREW species	T(1)						T			1
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL					27+T(390)					5+T(3)
SNOWSHOE HARE	2+T(21)	T(7)			10	T(15)	T		T(5)	T(5)
WHITE-TAILED JACK RABBIT	6	T(5)	2	2	10+T(31)	+		T		1
RICHARDSON'S GROUND SQUIRREL					1					
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL							T			5
FOX SQUIRREL										
AMERICAN RED SQUIRREL	2				4	42		2	24	
NORTHERN FLYING SQUIRREL										
AMERICAN BEAVER	T(1)									
DEER MOUSE	T(11)				T(100+)					
GAPPER'S RED-BACKED VOLE										
MUSKRAT	1						L(9)			
MEADOW VOLE					T(100+)			T		
VOLE species	T(2)	T(2)					T		T(10)	
MOUSE species						T(7)				
NORWAY RAT						T(1)				
HOUSE MOUSE										
AMERICAN PORCUPINE	1	T(1)			2	+		2		
COYOTE	8+T(3)	1		1	19+T(65)	2	T	2	1	4
WOLF									T(3)	
RED FOX	1+T(3)	T(1)	T	1	T(1)	T(3)	T		1	1
SWIFT FOX										
RACCOON					T(2)					
FISHER										
ERMINE										
LONG-TAILED WEASEL					4+T(6)	+				
LEAST WEASEL	T(1)				T(2)	1				
WEASEL species	T(1)	T(2)					T		T(2)	
AMERICAN MINK					T(3)					
AMERICAN BADGER										
STRIPED SKUNK					4		1			
RIVER OTTER										
BOBCAT										
MULE DEER	15+T(1)				16					52
WHITE-TAILED DEER	29+T(11)	T(5)			177	6	T	6	T(3)	36
DEER species	T(13)		T							
MOOSE						+				
AMERICAN ELK						+			T(10)	
PRONGHORN					40					
TOTAL SPECIES	14	8	3	3	19	13	10	6	9	8

**Table 1-9: SASKATCHEWAN CHRISTMAS MAMMAL COUNTS**

SPECIES	LOCATION AND DATE						Total Number of Counts
	81. TISDALE <i>no count</i>	82. TURTLE LAKE December 27	83. WEYBURN December 16	84. WHITE BEAR December 26	85. WHITEFOOT December 16	86. YORKTON December 30	
MASKED SHREW							3
SHREW species							6
EASTERN COTTONTAIL							1
NUTTALL'S COTTONTAIL							13
SNOWSHOE HARE		T(5)			4		38
WHITE-TAILED JACK RABBIT			3	1	2		42
RICHARDSON'S GROUND SQUIRREL							1
BLACK-TAILED PRAIRIE DOG							1
GREY SQUIRREL					1		4
FOX SQUIRREL			4				4
AMERICAN RED SQUIRREL		1			4		38
NORTHERN FLYING SQUIRREL							1
AMERICAN BEAVER							10
DEER MOUSE		T(1)			1		12
GAPPER'S RED-BACKED VOLE							1
MUSKRAT					L(5)		12
MEADOW VOLE							3
VOLE species					T(1)		19
MOUSE species					T(1)		25
NORWAY RAT							3
HOUSE MOUSE							2
AMERICAN PORCUPINE				3	+		39
COYOTE		1	3	12	9		61
WOLF							4
RED FOX		1	3		1		50
SWIFT FOX							2
RACCOON					+		7
FISHER							2
ERMINE					+		6
LONG-TAILED WEASEL		T(1)					15
LEAST WEASEL							10
WEASEL species			T(1)		T(1)		19
AMERICAN MINK							10
AMERICAN BADGER							9
STRIPED SKUNK					S(1)		8
RIVER OTTER							3
BOBCAT							1
MULE DEER			17	173			27
WHITE-TAILED DEER		T(7)	43		23	7	63
DEER species							8
MOOSE							9
AMERICAN ELK							7
PRONGHORN			+				8
TOTAL SPECIES		7	8	4	16	1	