
MAMMALS

SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997

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The number of mammal counts conducted this year was 96, up from the 82 last year, 12 more than the record set in 1994. The number of species recorded was 39, the same as last year. The average number of species per count (6.67) was below the long-term average.

Weather was the mildest we have recorded on mammal counts with the temperature approaching or exceeding the freezing mark on most days. The lack of snow for most localities during the count meant that animals remained dispersed and tracks were hard to find. No new species were reported. The only species found this year which are irregularly reported were Bobcats at both Cypress Hills counts and Big River. The American Marten at Prince Albert National Park is also not regularly reported.

The most commonly reported species was Coyote, whose numbers appear to be up. White-tailed deer populations, last year's most frequently reported species, dropped dramatically after last year's hard winter.

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 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.

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 (December 19 to January 4) but not found on count day.

Table 1-1. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997

SPECIES	LOCALITY & DATE	1. ANGLIN LAKE 26 December 1997	3. ARMIT 03 January 1998	4. ASSINIBOIA 04 January 1998	5. BANGOR 21 December 1997	6. BEAUVAL 04 January 1998	7. BIGGAR 24 December 1997	8. BIG RIVER 27 December 1997	9. BIRCH HILLS 30 December 1997	10. BRIGHTWATER 20 December 1997
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL										
SNOWSHOE HARE			7T	6	5	20T	1T	T	13T	
WHITE-TAILED JACKRABBIT				7						
RICHARDSON'S GR. SQUIRREL				1						
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL										
FOX SQUIRREL										
RED SQUIRREL		5T	14;4T			20H		3	1;2T	
NORTHERN FLYING SQUIRREL										
SQUIRREL species										
BEAVER						10L				
DEER MOUSE						1T				
GAPPER'S RED-BACKED VOLE										
MUSKRAT						50L				
MEADOW VOLE						T3			1	
VOLE species							3T			
MOUSE species		T	1T		2			T	5T	
NORWAY RAT										
HOUSE MOUSE										
PORCUPINE					1		1			
COYOTE		1H	2T	16	4	1T	1T		5T	3
WOLF		1H	1;2T			+				
RED FOX			2T	2	1	1T	1T			
RACCOON										
AMERICAN MARTEN										
FISHER										
ERMINE									1;3T	
LONG-TAILED WEASEL									3T	
LEAST WEASEL			1T		1				3T	
WEASEL species			3T				1T			
MINK										
BADGER				1						
STRIPED SKUNK				1	1				1T	
RIVER OTTER						2T				
BOBCAT								T		
LYNX										
MULE DEER										
WHITE-TAILED DEER			2;44T	24	4	3T	9		4T	
DEER species		T								1
MOOSE			4T			1T				
ELK			8T							
PRONGHORN										
TOTAL SPECIES		5	10	8	8	12	7	4	10	2

Table 1-2. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

SPECIES	LOCALITY & DATE	11. BROADVIEW 27 December 1997	12. BROMHEAD 31 December 1997	13. CABRI 25 December 1997	15. CLARK'S XING 20 December 1997	16. CORONACH 24 December 1997	17. CRAVEN 20 December 1997	18. CROOKED LAKE 22 December 1997	19. CROOKED RIVER 02 January 1998	20. CYPRESS HILLS PP 30 December 1997
SHREW species										
EASTERN COTTONTAIL										
NUTTALL'S COTTONTAIL										4T
SNOWSHOE HARE		4T			2;1T		1	3		
WHITE-TAILED JACKRABBIT										1T
RICHARDSON'S GR. SQUIRREL										
BLACK-TAILED PRAIRIE DOG										
GREY SQUIRREL							3			
FOX SQUIRREL		1					3			
RED SQUIRREL		1;4H					2	9	+	40
NORTHERN FLYING SQUIRREL										
SQUIRREL species										
BEAVER								2L		3L
DEER MOUSE										2T
GAPPER'S RED-BACKED VOLE										
MUSKRAT						1;21L	5	8		
MEADOW VOLE					1		1			
VOLE species										
MOUSE species		1T							+	
NORWAY RAT										
HOUSE MOUSE										3T
PORCUPINE			1D			2T		1D		3T
COYOTE		4T		1T	3	1	2	2		3T
WOLF										
RED FOX										
RACCOON								1D		
AMERICAN MARTEN										
FISHER										
ERMINE										
LONG-TAILED WEASEL							1			
LEAST WEASEL										
WEASEL species					1					
MINK					1T		1			
BADGER			1d		1D					
STRIPED SKUNK		1T								
RIVER OTTER										
BOBCAT										1
LYNX										
MULE DEER						3	3			15
WHITE-TAILED DEER		4;9T	30		10;2T		5	3		2
DEER species										
MOOSE		4T								4;6T
ELK										20
PRONGHORN			11							
TOTAL SPECIES		8	4	1	7	4	11	8	2	13

Table 1-3. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

22. DUCK LAKE 28 December 1997	23. DUVAL 28 December 1997	24. EASTEND 21 December 1997	25. EASTEND-CONSUL 31 December 1997	26. EMMA LAKE 30 December 1997	27. ENDEAVOUR 20 December 1997	28. ESTEVAN 27 December 1997	29. ESTUARY N. 04 January 1998	30. FENTON 29 December 1997	LOCALITY & DATE	SPECIES
										SHREW species
										EASTERN COTTONTAIL
										NUTTALL'S COTTONTAIL
	1T	2			1			3;2T		SNOWSHOE HARE
	1T									WHITE-TAILED JACKRABBIT
										RICHARDSON'S GR. SQUIRREL
										BLACK-TAILED PRAIRIE DOG
										GREY SQUIRREL
						7				FOX SQUIRREL
11				2	3			2H;3T		RED SQUIRREL
				+						NORTHERN FLYING SQUIRREL
										SQUIRREL species
						1L				BEAVER
					1					DEER MOUSE
										GAPPER'S RED-BACKED VOLE
	4L					17L				MUSKRAT
1					2			5		MEADOW VOLE
										VOLE species
	3T							4		MOUSE species
										NORWAY RAT
										HOUSE MOUSE
		1				4T				PORCUPINE
1	2T	2	6		1T		2	6;2T		COYOTE
										WOLF
1	4T		2			1T				RED FOX
	1T	1								RACCOON
										AMERICAN MARTEN
										FISHER
										ERMINE
										LONG-TAILED WEASEL
	1									LEAST WEASEL
										WEASEL species
										MINK
										BADGER
	3T	2								STRIPED SKUNK
										RIVER OTTER
										BOBCAT
										LYNX
	2	7	4				2			MULE DEER
	6	6		+	6T	11	2	1T		WHITE-TAILED DEER
										DEER species
						+	+			MOOSE
										ELK
			4							PRONGHORN
4	11	7	4	3	7	6	4	6		TOTAL SPECIES

Table 1-4. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

SPECIES	LOCALITY & DATE	31. FIFE LAKE 27 December 1997	32. FT. QU'APPELLE 19 December 1997	33. FORT WALSH 20 December 1997	34. GARDINER DAM 22 December 1997	35. GOOD SPIRIT L. 23 December 1997	36. GOVENLOCK 21 December 1997	37. GRASSLANDS NP 19 December 1997	38. GRAYSON 26 December 1997	39. HARRIS 29 December 1997	40. HEPBURN 31 December 1997
SHREW species											
EASTERN COTTONTAIL											
NUTTALL'S COTTONTAIL				2	2		1				
SNOWSHOE HARE			5	2T	1	3T	2;2T				
WHITE-TAILED JACKRABBIT			+	1	2					2	
RICHARDSON'S GR. SQUIRREL											
BLACK-TAILED PRAIRIE DOG								10			
GREY SQUIRREL											
FOX SQUIRREL											
RED SQUIRREL			13	44		2					
NORTHERN FLYING SQUIRREL											
SQUIRREL species											
BEAVER			+	2L		1L	1L		2		
DEER MOUSE			+	25T			1T				
GAPPERS RED-BACKED VOLE											
MUSKRAT		2	6			17L	1L		4		
MEADOW VOLE			+								
VOLE species				5T			1T			3T	
MOUSE species											
NORWAY RAT			+								
HOUSE MOUSE			+								
PORCUPINE			1	1T		2					
COYOTE		2	+	15	3	3	2;1T	9	3	1	
WOLF											
RED FOX				1	1T		2			1T	
RACCOON						1T	1T				
AMERICAN MARTEN											
FISHER											
ERMINE					1	1T				1	
LONG-TAILED WEASEL			+								
LEAST WEASEL				1T		1T					
WEASEL species							1T				
MINK			4	1T		3T			2		
BADGER							1				
STRIPED SKUNK			1						1		
RIVER OTTER											
BOBCAT				1T							
LYNX											
MULE DEER			+	10	102		42	8		4	
WHITE-TAILED DEER			1	67	29	9T	11	58	4	10T	1
DEER species							5T				
MOOSE				1							
ELK				3							
PRONGHORN							411	164			
TOTAL SPECIES		2	16	17	8	11	14	5	6	7	1

Table 1-5. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

41. HOLBIEN 27 December 1997	42. HORSESHOE BEND 30 December 1997	43. HUMBOLDT 27 December 1997	44. INDIAN HEAD 03 January 1998	45. KAMSACK 04 January 1998	46. KELVINGTON 30 December 1997	47. KENASTON 29 December 1997	48. KENOSEE LAKE 26 December 1997	49. KILWINNING 20 December 1997	50. KINLOCH 23 December 1997	LOCALITY & DATE	SPECIES
						+					SHREW species
			20;10T								EASTERN COTTONTAIL
											NUTTALL'S COTTONTAIL
		10	10	4	6T	1			16T		SNOWSHOE HARE
		1	2	2	4T	+					WHITE-TAILED JACKRABBIT
											RICHARDSON'S GR. SQUIRREL
											BLACK-TAILED PRAIRIE DOG
											GREY SQUIRREL
											FOX SQUIRREL
1	2		16				2	4	3		RED SQUIRREL
											NORTHERN FLYING SQUIRREL
											SQUIRREL species
				L		+			3L		BEAVER
						+					DEER MOUSE
											GAPPER'S RED-BACKED VOLE
				L	1T	+			5L		MUSKRAT
						+			8T		MEADOW VOLE
					6T						VOLE species
						T					MOUSE species
											NORWAY RAT
		1	2	3		T	1				HOUSE MOUSE
		1	27;4T	8	2T	+	+		7T		PORCUPINE
				2					1T		COYOTE
											WOLF
	1		4;7T	2	2T	+		1			RED FOX
											RACCOON
											AMERICAN MARTEN
											FISHER
									3T		ERMINE
			7;1T		1T	T					LONG-TAILED WEASEL
											LEAST WEASEL
											WEASEL species
			1;1T	1							MINK
											BADGER
		1S									STRIPED SKUNK
											RIVER OTTER
											BOBCAT
											LYNX
											MULE DEER
		2T	8;9T	28	8T	8	6		3		WHITE-TAILED DEER
											DEER species
				2					3T		MOOSE
				T					30T		ELK
											PRONGHORN
1	2	6	10	12	8	13	4	2	11		TOTAL SPECIES

Table 1-6. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

SPECIES	LOCALITY & DATE	51. KUTAWAGAN L. 28 December 1997	52. KYLE 24 December 1997	53. LA RONGE 26 December 1997	54. LAST MT. L.N.W.A 26 December 1997	55. LEADER (North) 30 December 1997	56. LEADER (South) 04 January 1998	58. LOVE - TORCH R. 30 December 1997	59. LUSELAND 02 January 1998	60. MACDOWALL 03 January 1998	61. MARYFIELD 23 December 1997
SHREW species											
EASTERN COTTONTAIL											
NUTTALL'S COTTONTAIL						3					
SNOWSHOE HARE				10T						2T	6
WHITE-TAILED JACKRABBIT		1T				2			2	1T	2
RICHARDSONS GR. SQUIRREL											
BLACK-TAILED PRAIRIE DOG											
GREY SQUIRREL											
FOX SQUIRREL											
RED SQUIRREL				3				1		2	
NORTHERN FLYING SQUIRREL											
SQUIRREL species											
BEAVER					1L					6L	+
DEER MOUSE						1					
GAPPERS RED-BACKED VOLE											
MUSKRAT		23L		1	5					50L	3L
MEADOW VOLE					1						
VOLE species				18T						2T	
MOUSE species						2					2T
NORWAY RAT											
HOUSE MOUSE											
PORCUPINE		1			3T	1	1		1	1T	+
COYOTE		3	1		1	4	1		1	2	3
WOLF								3		1T	
RED FOX				2T						+	1
RACCOON										+	
AMERICAN MARTEN											
FISHER											
ERMINE				5T							
LONG-TAILED WEASEL											
LEAST WEASEL										2T	
WEASEL species									1T		1T
MINK				2T							
BADGER					1d						
STRIPED SKUNK										1T	5
RIVER OTTER										1T	
BOBCAT											
LYNX											
MULE DEER						4	23		2		
WHITE-TAILED DEER		2			5	10		11		4;30T	13
DEER species											
MOOSE											
ELK											
PRONGHORN											
TOTAL SPECIES		5	1	7	7	7	3	3	5	15	11

Table 1-7. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

62. MAYVIEW 21 December 1997	63. MEADOW LAKE 26 December 1997	65. MELVILLE 22 December 1997	66. MISSINUIPE 29 December 1997	67. MOOSE JAW 26 December 1997	68. MOOSE MOUNTAIN 19 December 1997	69. NESBIT FOREST W. 01 January 1998	70. NIPAWIN 30 December 1997	71. PIKE LAKE 03 January 1998	72. PREECEVILLE 21 December 1997	LOCALITY & DATE	SPECIES
											SHREW species
											EASTERN COTTONTAIL
											NUTTALL'S COTTONTAIL
	1							20T	4T		SNOWSHOE HARE
		1T		4				4T			WHITE-TAILED JACKRABBIT
											RICHARDSONS GR. SQUIRREL
											BLACK-TAILED PRAIRIE DOG
											GREY SQUIRREL
				50							FOX SQUIRREL
2	2	4			11		2	5;1T	3		RED SQUIRREL
											NORTHERN FLYING SQUIRREL
											SQUIRREL species
											BEAVER
											DEER MOUSE
											GAPPER'S RED-BACKED VOLE
		1	12L	1							MUSKRAT
											MEADOW VOLE
								1			VOLE species
								3T			MOUSE species
											NORWAY RAT
											HOUSE MOUSE
											PORCUPINE
		+	+		1		1	3;3T	T		COYOTE
			+								WOLF
		+						1T			RED FOX
											RACCOON
											AMERICAN MARTEN
											FISHER
											ERMINE
											LONG-TAILED WEASEL
											LEAST WEASEL
		+									WEASEL species
											MINK
											BADGER
											STRIPED SKUNK
											RIVER OTTER
											BOBCAT
											LYNX
											MULE DEER
2		2		5		+		13T	2		WHITE-TAILED DEER
								56T			DEER species
											MOOSE
											ELK
											PRONGHORN
2	2	7	3	4	2	1	2	8	4		TOTAL SPECIES

Table 1-8. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

SPECIES	LOCALITY & DATE	73. PRINCE ALBERT 21 December 1997	74. PR. ALBERT NP 21 December 1997	75. QU'APPELLE DAM 21 December 1997	76. RAYMORE 25 December 1997	77. REGINA 26 December 1997	78. ROCKGLEN 31 December 1997	79. ROUND LAKE (QV) 20 December 1997	80. SALTCOARS 26 December 1997	81. SASK LANDING PP 23 December 1997	82. SASK R. FORKS 20 December 1997
SHREW species											
EASTERN COTTONTAIL											
NUTTALL'S COTTONTAIL							T			1	
SNOWSHOE HARE		5;2T	1;7T	1	20T	5		2	3		1;5T
WHITE-TAILED JACKRABBIT					1T	29	T				
RICHARDSON'S GR. SQUIRREL							+				
BLACK-TAILED PRAIRIE DOG											
GREY SQUIRREL											
FOX SQUIRREL						2					
RED SQUIRREL		38;2T	66;33T			1		8	4		3;6H
NORTHERN FLYING SQUIRREL											
SQUIRREL species						1					
BEAVER		1L			2L	1L		3L	2L	1	
DEER MOUSE					10T						
GAPPERS RED-BACKED VOLE		1									
MUSKRAT		3;1T				12L		9	3L		
MEADOW VOLE						2	+				
VOLE species					2T						
MOUSE species		2T									4T
NORWAY RAT											
HOUSE MOUSE											
PORCUPINE					2T		+			3T	
COYOTE		3;7T		2	1;10T	2	+	6T	1T	1	1;2H
WOLF		6;12T									
RED FOX		3T	1;16T		1T		1				
RACCOON						1T		4T			
AMERICAN MARTEN			1T								
FISHER			1T								
ERMINE											
LONG-TAILED WEASEL											
LEAST WEASEL											
WEASEL species			1T		1T						
MINK			1T						2T		
BADGER							+				
STRIPED SKUNK								1S			
RIVER OTTER			3T								
BOBCAT											
LYNX								1T			
MULE DEER				11			18	+		19	
WHITE-TAILED DEER		18;23T		8	3;30T	27	16	12T	3T	4	3T
DEER species			12T							2	
MOOSE											
ELK			4+5T								
PRONGHORN										13	
TOTAL SPECIES		9	11	4	10	10	10	10	7	7	5

Table 1-9. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

83. SASKATOON 26 December 1997	84. SCOTT 27 December 1997	85. SHAMROCK 25 December 1997	86. SHAUNAVON 04 January 1998	87. SKULL CREEK 26 December 1997	88. SNOWDEN 27 December 1997	89. SPALDING 26 December 1997	90. SPINNEY HILL 23 December 1997	91. SPRUCE HOME 31 December 1997	92. SQUAW RAPIDS 02 January 1998	LOCALITY & DATE	SPECIES
						T					SHREW species
											EASTERN COTTONTAIL
				9							NUTTALL'S COTTONTAIL
	1T			4	2	T	T		10T		SNOWSHOE HARE
8	1T										WHITE-TAILED JACKRABBIT
				2							RICHARDSON'S GR. SQUIRREL
											BLACK-TAILED PRAIRIE DOG
						T					GREY SQUIRREL
											FOX SQUIRREL
5				4	12	1	9	2	17		RED SQUIRREL
											NORTHERN FLYING SQUIRREL
											SQUIRREL species
3T									2L		BEAVER
				3							DEER MOUSE
											GAPPER'S RED-BACKED VOLE
5		1				T			1L		MUSKRAT
5				8	1						MEADOW VOLE
1	5T										VOLE species
1						T					MOUSE species
											NORWAY RAT
					1						HOUSE MOUSE
1T				9							PORCUPINE
6;1T	2T		1	9	1	T	1		4		COYOTE
									1T		WOLF
2	1T			1	1T	T					RED FOX
1T											RACCOON
											AMERICAN MARTEN
											FISHER
									1T		ERMINE
				2							LONG-TAILED WEASEL
				1							LEAST WEASEL
						T					WEASEL species
1T				1		T					MINK
											BADGER
						T					STRIPED SKUNK
											RIVER OTTER
											BOBCAT
											LYNX
	4		12	25							MULE DEER
13;2T				14	3	T	T		26T		WHITE-TAILED DEER
4T		T									DEER species
				6	1T				1T		MOOSE
									3T		ELK
				65							PRONGHORN
12	6	2	2	16	8	12	4	1	10		TOTAL SPECIES

Table 1-10. SASKATCHEWAN CHRISTMAS MAMMAL COUNTS - 1997 (continued)

SPECIES	LOCALITY & DATE	93. ST. LUKE 26 December 1997	94. SWIFT CURRENT 28 December 1997	95. TISDALE 25 December 1997	98. WATSON 04 January 1998	99. WELDON 21 December 1997	100. WEYBURN 20 December 1997	101. WHITE BEAR 28 December 1997	102. WHITEWOOD 21 December 1997	103. YORKTON 30 December 1997	TOTAL COUNTS PER SPECIES
SHREW species					1T						3
EASTERN COTTONTAIL											1
NUTTALL'S COTTONTAIL			1					1			10
SNOWSHOE HARE									6	35T	48
WHITE-TAILED JACKRABBIT					1T		T			3T	28
RICHARDSON'S GR. SQUIRREL											3
BLACK-TAILED PRAIRIE DOG											1
GREY SQUIRREL			13				1				4
FOX SQUIRREL											5
RED SQUIRREL		2;1H				1			9	2T	50
NORTHERN FLYING SQUIRREL											1
SQUIRREL species											1
BEAVER									1L	2L	25
DEER MOUSE								T		13T	12
GAPPER'S RED-BACKED VOLE											1
MUSKRAT			1						2	12L	34
MEADOW VOLE									1	8T	18
VOLE species							T		1T		12
MOUSE species					2T		T				19
NORWAY RAT											2
HOUSE MOUSE							2				4
PORCUPINE		1T						1		2T	31
COYOTE		3;1T			2T		1	4	2	2T	75
WOLF											10
RED FOX					2T		2		1		36
RACCOON						2T					10
AMERICAN MARTEN											1
FISHER											1
ERMINE											7
LONG-TAILED WEASEL										1T	8
LEAST WEASEL										1T	9
WEASEL species					1T						11
MINK			2							1T	16
BADGER											6
STRIPED SKUNK									1		14
RIVER OTTER											3
BOBCAT											3
LYNX											1
MULE DEER			10					76			25
WHITE-TAILED DEER		3;3T			8T	3T	5		8	4	68
DEER species											8
MOOSE											12
ELK											7
PRONGHORN											6
TOTAL SPECIES		4	5	0	7	3	8	5	9	13	