MAMMALS

40th ANNUAL SASKATCHEWAN CHRISTMAS MAMMAL COUNT - 2012

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It is hard to believe that 40 years has passed since the late Wayne Harris had the brilliant idea of adding a Christmas Mammal Count (CMC) to the Christmas Bird Count. A wealth of data has since been acquired with little added effort. This winter's 85 Christmas Mammal Counts brings the all-time total of CMCs conducted to 2756 and the number of mammals counted to over 94,000!

The 3406 mammals seen or heard this winter were about average but much higher than last year's 2384. Most of this was due to the doubling of the White-tailed Deer count from 767 in 2011 to 1421. As with the birds, the average number of mammal species per count set a new record at 4.4. No new species were, however, added to the all-time total of 49 species.

Bison numbers at Grasslands National Park continue to increase from 24 in 2008 to 42 in 2011 to a new record high of 77 this past winter. The 4 Northern Flying Squirrels at Togo tied the previous high also set at Togo in January of 2002 and 2003. Other noteworthy records were an American Marten during the count period south of its usual range at Saskatoon and 31 Pronghorn north of their usual range at Denholm.

For information on participants, weather, coverage and location of CMCs see the CBC summary in this issue.

Explanation of entries in Table 1.

The number of mammals actually

seen or heard on count day is treated separately from those recorded by other means, or those recorded during count period (14 December to 5 January) but not on count day. Numbers of individuals seen or heard are given in Table 1 and are tallied in the first line of totals at the bottom of the table. The number of species they represent is given in the second line.

For species only detected by tracks or by other means, or that are seen or heard only in the count period but not on count day, no numbers of individuals is given in Table 1. Species detected only by tracks are indicated by 't' in the table; those detected only by other means (dead animals 'm', more clearly identifiable chewing or digging 'd', dens or lodges 'L' (including Muskrat push-ups) and by smell 's.' Species detected by any means during the count period, but not on count day are indicated by 'c' in the table. These additional species are tallied in lines 3. 4 and 5 at the bottom of the table. If a mammal is reported as member of a species group (i.e. mouse species, deer species), it is counted as a species only if no other species in this group has been definitely recorded. The columns at the end of the table, give totals for each species.

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Table 1-1. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	1	2	3	4	5	6	7		9	10	11	12
OBO Hamber	H			-7	J	J	–	J		- 0	H	- ' -
	Archerwill, 17 Dec 2012	Avonlea, 20 Dec 2012	Balgonie, 5 Jan 2013	Bangor , 3 Jan 2013	Biggar, 27 Dec 2012	Birch Hills, 15 Dec 2012	Borden-Radisson, 20 Dec 2012	Broadview, 26 Dec 2012	Cabri, 3 Jan 2013	Candle Lake, 29 Dec 2012	Cater, 1 Jan 2013	Chatsworth S.D., 5 Jan '13
Masked Shrew												
Shrew species										t		
Eastern Cottontail												
Nuttall's Cottontail									1			
Snowshoe Hare	1		t			t	t	t		t	1	6
White-tailed Jack Rabbit			t		t			t				С
Richardson's Ground Squirrel												
Eastern Grey Squirrel												
Eastern Fox Squirrel		1	3					3				
American Red Squirrel	С		1			1	2	5		6	С	1
Northern Flying-Squirrel												
American Beaver								L		L		
Deer Mouse								t		t		-
Muskrat					L	L	L	Ĺ		·		
Gapper's Red-Backed Vole					_	_	_	_				
Meadow Vole												1
Vole species					t		t	t		t		H
House Mouse					_ '		_	_		_		
Mouse species		1				t						
American Porcupine				1			3	1			С	1
Coyote	С	2	5	3	6	2	J	4	t	1	1	C
Gray Wolf								_	- '			\vdash
Red Fox			1					2		t	С	
Raccoon			_ '			t		t			С	
American Marten						_		_			Ŭ	
Fisher										t		-
Ermine						t				٠,		
Long-tailed Weasel						ι				t		_
Least Weasel						t				٠		С
Weasel species	_				t	·						
American Mink	C C				Ε'					t		
	<u> </u>	\vdash		\vdash	\vdash	\vdash	\vdash	\vdash	\vdash		1	6
American Badger Striped Skunk		\vdash		2		\vdash	\vdash			-	- m	<mark>ا</mark>
River Otter						1				t	m	
Mountain Lion	С					_				<u> </u>		
	C											
Canada Lynx Mule Deer				\vdash	20	\vdash		10	-	t	-	
	10	33	22	64	30	\vdash	<u>4</u> 3	10 12	1 15	10	11	20
White-tailed Deer	10	33		04	24	-	3	12	15	10	14	39
Deer species Moose	_	1		2	—	t		9		t	<u> </u>	
	C C				\vdash	\vdash	\vdash	ľ		١		
Elk	С				<u> </u>	\vdash	-	t			-	├
Pronghorn												
American Bison	4	46	00	70	00	H	46	46	4-	4-	46	
Totals seen/heard on count day	11	42	32	72	60	4	12	46	17	17	16	54
Total species seen/heard	2	6	5	5	3	3	4	8	3	3	3	6
Total species recorded by tracks	0	0	2	0	3	6	2	6	1	11	0	0
Total species otherwise recorded	0	0	0	0	1	1	1	2	0	1	1	0
Species recorded count period	7	0	0	0	0	0	0	0	0	0	5	3
Total species count period and day	9	6	7	5	7	10	7	16	4	15	9	9

Table 1-2. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	13	14	15	16	17	18	19	20	21	22	23	24
			7						Cypress Hills P.P., 28 Dec 2012			
	Christopher Lake, 3 Jan 2013	~	Clark's Crossing, 15 Dec 2012	2			7	12	20			
	20	Churchbridge, 14 Dec 2012	2.2	Codette Lake, 26 Dec 2012			Crooked Lake, 21 Dec 2012	Crooked River, 27 Dec 2012	မင			7
	an	2 2	ĕ	3 2		Creighton, 29 Dec 2012	c 2	SC 2	Ω.	2		Endeavour, 24 Dec 2012
	3 J	ě	5	ec	Craven, 15 Dec 2012	20	De	Ď	58	Denholm, 25 Dec 2012	3	0.2
	e,	4] 9	20	၁	<u> </u>	27	σ,	SC	Eastend, 3 Jan 2013	ĕ
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	1 7	lge	SS	şke	. D	29	8	ive	E	25	5	,2
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Masked Shrew					1							
Shrew species												С
Eastern Cottontail												
Nuttall's Cottontail									t			
Snowshoe Hare	С	t	3	t	t	t	t	m		t		t
White-tailed Jack Rabbit			1				t		1	1	m	
Richardson's Ground Squirrel												
Eastern Grey Squirrel					1							
Eastern Fox Squirrel					5							
American Red Squirrel	С	2	4	1	5	3	5	4	8	С		
Northern Flying-Squirrel	С									1		
American Beaver		L					L					
Deer Mouse				t			t			С		
Muskrat							Ĺ			Ť		
Gapper's Red-Backed Vole		_								С		
Meadow Vole	4									_		
Vole species	_			t	t	t						
House Mouse				_ `	٠,	-						
Mouse species			t		t							
American Porcupine			d		1		1			С	1	С
Coyote			11	t	2		4		1	2	C	t
Gray Wolf				- '								_ '
Red Fox	С			1	2	t				t		
Raccoon	·		t			- '				ι		
American Marten	1		- '									
Fisher	H											
Ermine					2							
Long-tailed Weasel			t		t			_	t			
			ι	t	t t			С	ι			
Least Weasel		t		ι	ι							4
Weasel species		ι									_	
American Mink					_		2				1	
American Badger		_		L	1	- 4						
Striped Skunk		С	\vdash			1						
River Otter		\vdash							Н,		\vdash	-
Mountain Lion	—								t		ш	
Canada Lynx						t						
Mule Deer	_	ليا	إيسا		30		7			1	29	0
White-tailed Deer	С	9	4	t	31		32	2	20	24	37	2
Deer species		<u> </u>					<u> </u>		.			L .
Moose		t		t			t		t		С	t
				t								
Elk		_							1	31	1	
Pronghorn							-			,		
Pronghorn American Bison												
Pronghorn American Bison Totals seen/heard on count day	5	11	23	2	81	4	51	6	30	60	68	2
Pronghorn American Bison Totals seen/heard on count day Total species seen/heard	2	2	5	2	11	2	6	2	4	60 6	4	1
Pronghorn American Bison Totals seen/heard on count day Total species seen/heard Total species recorded by tracks	2 0	2 3	5 3	2 8	11 4	2 4	6 4	2 0	4	60 6 2	4 0	1 4
Pronghorn American Bison Totals seen/heard on count day Total species seen/heard Total species recorded by tracks Total species otherwise recorded	2 0 0	2 3 2	5 3 1	2 8 1	11 4 0	2 4 0	6 4 2	2 0 1	4 4 0	60 6 2	4 0 1	1 4 0
Pronghorn American Bison Totals seen/heard on count day Total species seen/heard Total species recorded by tracks	2 0	2 3	5 3	2 8	11 4	2 4	6 4	2 0	4	60 6 2	4 0	1 4

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Table 1-3. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	25	26	27	28	29	30	31	32	33	35	36	38
					~		12		2			
		12			Fort Qu'appelle, 21 Dec 2012	12	Good Spirit Lake, 29 Dec 2012		Grasslands N.P. 14 Dec 2012			۵.
		Estuary North, 31 Dec 2012			0.2	Gardiner Dam, 17 Dec 2012	ec		c 2			Indian Head, 27 Dec 2012
	7	ec.	2		De	ec	0	3	De		٠.	3 2(
	20	Ŏ	01	12	7	7 D	56	20,	4	112)12)ec
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	Estevan, 31 Dec 2012	tue	Fenton, 17 Dec 2012	Floral, 20 Dec 2012	JT (ädi	90	Grandora, 4 Jan 2013	ase	Напіs, 19 Dec 2012	Hazlet, 31 Dec 2012	ä
	Es	Es	Fe	Ы	Fc	9	ß	Gr	l9	Н	Н	ul
Masked Shrew												
Shrew species								m				
Eastern Cottontail	2											
Nuttall's Cottontail		3			_	1	Щ.				1	
Snowshoe Hare	Щ.	<u> </u>	ببا	1	2	t	t			1	ļ.,	t
White-tailed Jack Rabbit	1	5	t	t	_	t			t	t	t	1
Richardson's Ground Squirrel Eastern Grey Squirrel					\vdash		\vdash					
Eastern Fox Squirrel	3											5
American Red Squirrel	3		11		8		3					19
Northern Flying-Squirrel	\vdash						٦					19
American Beaver			L				L					
Deer Mouse			t				Ė					
Muskrat	L		L				L			L		
Gapper's Red-Backed Vole												
Meadow Vole												
Vole species	t			t		t				t		1
House Mouse												
Mouse species						t	t	t			t	
American Porcupine					1	2				1		1
Coyote	4	1	t	3	8	6	1	m	9	3	1	6
Gray Wolf							4	1			t	1
Red Fox Raccoon					1		t	_ '			ι	
American Marten					_ '							
Fisher												
Ermine			t									
Long-tailed Weasel												
Least Weasel			t							t		
Weasel species				t			t					3
American Mink												
American Badger			d						1		d	
Striped Skunk			t						S			
River Otter												
Mountain Lion												
Canada Lynx		4.6			Ļ		Ш			1.5		L.,
Mule Deer	34	10 43	5	9	2 36	25 46	10		95 23	19 83		11 29
White-tailed Deer Deer species		43	၁	9	36	40	10	m	∠3	63	t	29
Moose		3					С				- 1	3
Elk							H					_
Pronghorn		6								46		
American Bison		Ť							77			
Totals seen/heard on count day	44	71	16	13	58	80	14	1	205	153	2	80
Total species seen/heard	5	7	2	3	7	5	3	1	5	6	2	11
Total species recorded by tracks	1	0	6	3	0	3	4	1	1	3	4	1
Total species otherwise recorded	1	0	3	0	0	0	2	3	1	1	1	0
Species recorded count period	0	0	0	0	0	0	1	0	0	0	0	0
Total species count period and day	7	7	11	6	7	8	10	5	7	10	7	12

Table 1-4. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	39	40	41	42	43	44	45	48	49	50	51	52
		۱			12					Love-Torch River, 26 Dec 2012		
		Kenosee Lake, 16 Dec 2012			Kindersley North, 26 Dec 2012				12	2 2(
	7	2.2		~	oe(2	20)ec		12
	20	ĕ)12	01;] 9	12		201	မင	197	12	20
	S	9	3	c 2	, 2	20.	12	200		۲, 2	20	မ္
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	aste	Se	hel	nin	ers	ch	, 2	Ž	Jer	1	ar	၂ နွ
	Kenaston, 30 Dec 2012	e	Ketchen, 26 Dec 2012	Kilwining, 14 Dec 2012	ind	Kinloch, 15 Dec 2012	Kyle, 20 Dec 2012	_MLNWA, 29 Dec 2012	Leader North, 21 Dec 2012	ove	Luseland, 4 Jan 2012	Macdowall, 30 Dec 2012
Masked Shrew	$\frac{1}{2}$	포	×	×	×	ᅩ	×	1	1	1	1	2
Shrew species	+			t				1				
Eastern Cottontail		t										
Nuttall's Cottontail	1	<u> </u>					4					
Snowshoe Hare	T	t				1				t		1
White-tailed Jack Rabbit	1	Ħ		t	1		3	С	2	Ħ	С	H
Richardson's Ground Squirrel	T i			Ť			J	Ť	Ī		Ť	
Eastern Grey Squirrel												
Eastern Fox Squirrel								1				
American Red Squirrel		1	1	3		4				4		5
Northern Flying-Squirrel												
American Beaver		L	┙			L						
Deer Mouse											С	
Muskrat		L	J									
Gapper's Red-Backed Vole												
Meadow Vole												
Vole species												
House Mouse												
Mouse species	_						t		2	Щ.		L.,
American Porcupine	+	_		t			t	_	1	t	С	1
Coyote	1	2		1	1	t	3	1	2	1	С	
Gray Wolf Red Fox	t	1		1							С	<u> </u>
Raccoon	t		_					_	_	_		
American Marten	+											
Fisher	╆											-
Ermine												
Long-tailed Weasel	t						1					
Least Weasel	T						,					
Weasel species						t						
American Mink	П					t						
American Badger							d					
Striped Skunk		s										
River Otter												
Mountain Lion												
Canada Lynx						t						
Mule Deer	8	Ļ	L		15		8	17	15	L	18	<u> </u>
White-tailed Deer	16	8	3	4		13	29	29	22	26	1	3
Deer species	┡	_	Η,		<u> </u>	_	3	—	—	—	<u> </u>	
Moose	2	1	4		С	2	3			—	С	⊢
Elk Propahorn	+	\vdash	t		10	8	106			t	-	
Pronghorn American Bison	+	\vdash			10		100					
Totals seen/heard on count day	28	13	8	9	27	28	157	49	44	31	19	10
Total species seen/heard	5	5	3	4	4	<u>20</u>	8	49	6	3	2	4
		2	1	3	0	4	2	0	0	3	0	0
Total species recorded by tracks	3 0											
	0	3	2	0	0	1	1 0	0	0	0	0	

Table 1-5. 40th Saskatchewan Christmas Mammal Count-2012.

Northern Flying-Squirrel	CBC number	53	54	55	56	57	58	59	60	61	62	63	64
Section Sect				3									
Section Sect				10					3	2			
Masked Shrew Species Image: Continuation of the properties of			10	n 2		13			201	201			
Masked Shrew Species Image: Continuation of the properties of			20.	Ja	~	20			n 2	C 2			112
Masked Shrew Species Image: Continuation of the properties of		~	မ္မ	1, 4	013	au		2	Ja	De		2	20
Masked Shrew Species Image: Continuation of the properties of		313	Ŏ	nt	2 ر	3 J	112	201	, 5	30		201	၁ဓ
Masked Shrew Species Image: Continuation of the properties of		2(26	So	Jar		20) C	\leq	Ň,)C 2	5
Masked Shrew Species Image: Continuation of the properties of		Jar	ke,	ke	5	д.)ec	Ď	st	st /		Ď	
Masked Shrew Species Image: Continuation of the properties of		5	Ľa	La	aw	垂	1	28	ore	ore		26	i şe
Masked Shrew Species Image: Continuation of the properties of		Ħ	8	ΜO	e J	_ <u>≥</u>	, 2	/in,	t F	t F	sa	ЭĶ,	٦
Masked Shrew Species Image: Continuation of the properties of		징	gg	ad	SO	So	SE	av	pe	pe	es	유	Š
Shrew species		Ma	Me	Me	Mc	Mc	Mc	Ę	Nis	Si	õ	O	Pi
Eastern Cottontail	Masked Shrew												
Nuttail's Cottontail													
Snowshoe Hare	Eastern Cottontail												
White-tailed Jack Rabbit t t 1 t 4 Richardson's Ground Squirrel 2 1 t 2 Eastern Grey Squirrel 1 1 4 1 American Red Squirrel 2 1 1 4 1 American Red Squirrel 2 1 1 4 1 Morthern Flying-Squirrel 4 1 1 4 1 American Beaver 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Nuttall's Cottontail												
Richardson's Ground Squirrel Eastern Grey Squirrel Eastern Fox Squirrel American Red Squirrel Deer Mouse Muskrat Gapper's Red-Backed Vole Meadow Vole Vole species Mouse Mouse Mouse species American Porcupine Cayote Cayo				t				t					
Eastern Grey Squirrel Eastern Fox Squirrel American Red Squirrel American Beaver Deer Mouse Muskrat Gapper's Red-Backed Vole Meadow Vole Vole species House Mouse Mouse Species Mouse Species American Porcupine Coyote Gray Wolf Red Fox Raccoon American Marten Fisher Ermine Long-tailed Weasel Least Weasel species American Badger Striped Skunk American Badger Striped Skunk American Badger Mouse Deer Species Mouse Species American Porcupine American Mink American Marten Fisher Brimine Long-tailed Deer Mountain Lion Canada Lynx Mule Deer Mouse Species Moose Moose Mouse Species Moose Moos						t	1	t			4		
Eastern Fox Squirrel									t				
American Red Squirrel 2 1 t 1 4 1 -													
Northern Flying-Squirrel					14						3		
American Beaver		2	1	t		1		4		1			1
Deer Mouse													
Muskrat Image: Company of the company of													
Gapper's Red-Backed Vole t J <td></td>													
Meadow Vole t 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>1</td></td<>							1						1
Vole species 1 1 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<>													
House Mouse House House House House species House species House species House species House species House House species				t									
Mouse species 1 t d 2 American Porcupine 1 d 2 2 Coyote c 1 t d 2 6 Gray Wolf						1							
American Porcupine 1 d 2 Coyote c 1 t 1 t 6 Gray Wolf d 1 1 t 2 2 Raccoon d 1 1 t 2 2 American Marten d 1 1 t 2 2 Fisher e t 1 1 t 2 2 Ermine 1													
Coyote c 1 t 1 4 1 t 6 Gray Wolf 3 1 1 1 t 2 2 Red Fox 1 1 1 t 2 2 Red Fox 4 A 4 A 4 A A 4 A </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>							t						
Gray Wolf 1 1 1 1 2 2 Raccoon 4 4 4 4 American Marten 5 4 4 4 Fisher 1 1 4 4 4 Ermine 1 4													
Red Fox 1 1 1 2 2 Raccoon 4 4 4 4 American Marten 5 4 5 6 6 6 6 6 6 6 7<		С	1	t	1		4	1	t		6		
Raccoon 4 American Marten 1 Fisher 1 Ermine 2 Long-tailed Weasel 3 Least Weasel Weasel Weasel Species 4 Weasel species 4 American Mink 4 American Badger 1 Striped Skunk 1 River Otter 4 Mountain Lion 4 Canada Lynx 4 Mule Deer 1 Mule Deer 1 Moose 1 Elk 4 Pronghorn 43 American Bison 43 Total species seen/heard on count day 12 46 15 27 2 190 27 0 3 45 9 3 Total species seen/heard 3 4 2 5 9 3 0 2 12 2 Total species recorded by tracks 0 0 0 0 0 0 0													
American Marten t t					1		1		t	2			
Fisher t <td></td> <td>4</td> <td></td> <td></td>											4		
Ermine Long-tailed Weasel t t t Long-tailed Weasel t t Long-tailed Weasel													
Long-tailed Weasel 1 t 1				t									
Least Weasel							_						
Weasel species Image: Control of the cont		-					ι						
American Mink 1 2 1 1 1 1 2 1 <													
American Badger 1													
Striped Skunk 1 s 1 s 1 s 1 s 1 s 1 s s 1 s <					1		1				1		
River Otter Mountain Lion Lion Mountain Lion Mountain Lion Lion Mountain Lion		1			_ '								
Mountain Lion 1 <		-											t
Canada Lynx 1 2 1 1 7 2 Deer species 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td>						\vdash							_
Mule Deer 1 10 15 8 2 White-tailed Deer 9 43 14 123 22 t 10 7 2 Deer species 0 1 1 2 0													
White-tailed Deer 9 43 14 123 22 t 10 7 25 Deer species 9 43 14 123 22 t 10 7 25 Moose 1 1 2 2 25				1	10		15				8	2	
Deer species 1 2 3 4 2 4 <t< td=""><td></td><td>9</td><td>43</td><td></td><td></td><td></td><td></td><td>22</td><td>t</td><td></td><td></td><td></td><td>28</td></t<>		9	43					22	t				28
Moose 1 2 4 Elk 43 43 43 Pronghorn 43 43 43 American Bison 5 2 190 27 3 45 9 3 Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 Total species recorded by tracks 0 0 5 0 1 2 2 4 0 0 0 Total species otherwise recorded 0		Ť	.,						Ť		.,		
Elk 9 43 6 7 American Bison 12 46 15 27 2 190 27 0 3 45 9 3 Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 Total species recorded by tracks 0 0 5 0 1 2 2 4 0 0 0 Total species otherwise recorded 0							1				2		4
Pronghorn 43 43 American Bison 1 46 15 27 2 190 27 0 3 45 9 3 Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 4 0 0 0 1 2 2 4 0		П					Ť						
American Bison 12 46 15 27 2 190 27 0 3 45 9 3 Totals seen/heard on count day 12 46 15 27 2 190 27 0 3 45 9 3 Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 7 Total species recorded by tracks 0 0 5 0 1 2 2 4 0 0 0 Total species otherwise recorded 0 0 0 0 0 1 0 1 0 1 0 0 0 Species recorded count period 1 0 0 0 0 0 0 0 0 0 0 0							43						
Totals seen/heard on count day 12 46 15 27 2 190 27 0 3 45 9 3 Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 2 Total species recorded by tracks 0 0 5 0 1 2 2 4 0 0 0 Total species otherwise recorded 0 <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<>													
Total species seen/heard 3 4 2 5 2 9 3 0 2 12 2 4 0<		12	46	15	27	2	190	27	0	3	45	9	34
Total species recorded by tracks 0 0 5 0 1 2 2 4 0 0 0 Total species otherwise recorded 0 0 0 0 0 1 0 1 0 <td></td> <td>4</td>													4
Total species otherwise recorded 0 0 0 0 1 0 1 0 0 0 0 Species recorded count period 1 0			-										1
Species recorded count period 1 0 0 0 0 0 0 0 0 0 0 0 0													0
													0
	Total species count period and day	4					12			2	12	2	5

Table 1-6. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	65	66	67	68	69	70	72	73	74	75	76	77
				12			112		Round Lake (Q.V.), 14 Dec 2012		28 Dec 2012	Sask. River Forks, 14 Dec 2012
		12		Qu'Appelle Dam, 16 Dec 2012			Roscommon S.D, 31 Dec 2012		ec 2		ec	c 2(
	က	Prince Albert, 16 Dec 2012	13)ec			Dec	7	4 D	2	8 D	De
	5 Jan 2013	၁၅(Qu'Appelle, 5 Jan 2013] 9	Raymore, 1 Jan 2013	112	31	Rouleau, 20 Dec 2012), 1,	Saltcoats, 29 Dec 2012	., 2	14
	an ?	9	an	n, 1	20	3 20	Ċ,	3C 2	>	Э	Р.Р	rks,
	5	ť, 1	5 J	Jar	Jar)ec	S.	۵	Ø,	9 D	- Bu	For
	e,	ber	le,	<u> </u>	1,	29	πOr	, 20	ake	3, 2	ndi	/er
	Ľá	Ρ	obe	obe	iore	ä,	E E	au,	dЦ	ats	La	室
	Pike Lake,	ij	u'A	u'A	ayır	Regina, 29 Dec 2012	SC	anc	unc	altc	Sask. Landing P.P.,	3SK
	Ρi	Ъ	Ō	Ō	R	R	Ä	Ŗ	R	Š	Ş	Şį
Masked Shrew		t										_
Shrew species Eastern Cottontail		ι										_ '
Nuttall's Cottontail				1							7	
Snowshoe Hare	t	t			С	t	t		t		·	1
White-tailed Jack Rabbit	t	1			С	13		3				
Richardson's Ground Squirrel												
Eastern Grey Squirrel						12		С				
Eastern Fox Squirrel	47		2	2		43				_		_
American Red Squirrel Northern Flying-Squirrel	17	8			1	1			1	1		3
American Beaver		L							L			
Deer Mouse		t				t						1
Muskrat		Ĺ							L			L
Gapper's Red-Backed Vole												
Meadow Vole												
Vole species				1	С						1	1
House Mouse Mouse species					_	3	4					
American Porcupine	t 1					3	t			2	t	
Coyote	5	3		13	t	10	t	С	2	2	7	1
Gray Wolf												1
Red Fox	t	1				4	1	3	1		1	1
Raccoon									1			
American Marten												
Fisher		4			_							1
Ermine Long-tailed Weasel	1	t		t	С							- 1
Least Weasel	<u> </u>				С							
Weasel species						t	t					
American Mink												
American Badger					С		d	С				
Striped Skunk	—	2										1
River Otter Mountain Lion	1						\vdash	\vdash				
Canada Lynx	1				\vdash						\vdash	-
Mule Deer	4			24			t	\vdash	3		42	<u> </u>
White-tailed Deer	9	8		3	8	7	30		18	39	18	5
Deer species												
Moose				3	t		С	С	1		С	
Elk	—						С					1
Pronghorn American Bison	1					\vdash	\vdash					
Totals seen/heard on count day	37	23	2	47	10	96	31	6	27	44	77	9
Total species seen/heard	6	6	1	7	3	90	2	2	7	4	7	3
Total species recorded by tracks	4	4	0	1	2	3	5	0	1	0	1	11
Total species otherwise recorded	0	2	0	0	0	0	1	0	2	0	0	1
Species recorded count period Total species count period and day	0	0	0	0	6	0	2	4	0	0	1	0
	10	12	1	8	11	12	10	6	10	4	8	15

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Table 1-7. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	78	79	80	81	82	83	84	85	86	87	88	89
												2
												Wingard-Ft Carlton, 29 Dec 2012
					٠.	Squaw Rapids, 15 Dec 2012	2					ပ္ထ
	12	5 Jan 2013			Spinney Hill, 17 Dec 2012	; 20	Swift Current, 29 Dec 2012		۵.	12	Whitewood, 23 Dec 2012	۵
	Saskatoon, 26 Dec 2012	20	13	13	; 20	၁၅	C 2		Weyburn, 15 Dec 2012	White Bear, 30 Dec 2012	20	29
	ဗ	lan	20	20,)ec	2 [De	~	3 20	ec	ec	'n,
	Ŏ	5 J	lan	an	1/	3, 1	29	013)ec	0.0	3 D	뱵
	26		2	5 J	1, 1	jds	nt,	ا2 ا	2 [, 3	, 2,	ပ္ပ
	on,	Lal	쏫	n, !	王	Rap	ше	Jai	١, 1	ear	poo	i-
	윺	er	ũ	de	ley	W	Cu	4	ını	Ã	NC.	ard
	ş	Sawyer Lake,	Shamrock, 2 Jan 2013	Snowden, 5 Jan 2013	in	ant	۷ift	Togo, 4 Jan 2013	eyk	hite	hite	g
	Se	Se	JS	Sr	Sp	Sc	Sv	ıΣ	Μ	M	M	М
Masked Shrew												
Shrew species		t										
Eastern Cottontail												
Nuttall's Cottontail	L.,						2	_		2		
Snowshoe Hare	t	t		t		t		2	Щ.		t	
White-tailed Jack Rabbit	7	t	4		t		1		t	2	С	
Richardson's Ground Squirrel	-						20	—	—		\vdash	
Eastern Grey Squirrel							22		22		1	
Eastern Fox Squirrel American Red Squirrel	13	4		12	2	6		6	22		1 2	1
Northern Flying-Squirrel	13			12		O		4	\vdash			H
American Beaver		С						4			L	
Deer Mouse		t			t						ᆫ	
Muskrat		C			ι						L	
Gapper's Red-Backed Vole												
Meadow Vole												
Vole species												
House Mouse	1											
Mouse species				t		t				t		
American Porcupine	1						2	1		1		С
Coyote	7	t	16		1	1	2	3	1	1	6	
Gray Wolf		t						1				
Red Fox	1	t	t	1			t			2	t	
Raccoon		С										
American Marten	С											
Fisher		t										
Ermine		t		t								
Long-tailed Weasel												
Least Weasel		С										
Weasel species		_			t	t		—				_
American Mink		С				1	t	-	\vdash			
American Badger Striped Skunk							s				d s	
River Otter		С				7	3	\vdash	\vdash		5	
Mountain Lion		Ŭ										
Canada Lynx								\vdash				—
Mule Deer	5		97		1		66					1
White-tailed Deer	31	t	10	6	15		34	13	10	20	36	C
Deer species						t						
Moose	1	2		1				3			7	
Elk		t						6			4	C
Pronghorn							3			154		
American Bison												
Totals seen/heard on count day	67	6	127	20	19	15	132	39	33	182	56	2
Total species seen/heard	9	2	4	4	4	4	8	9	3	7	6	2
Total species recorded by tracks	1	11	1	3	3	4	2	0	1	1	2	0
Total species otherwise recorded	0	0	0	0	0	0	1	0	0	0	4	0
Species recorded count period	1	6	0	0	0	0	0	0	0	0	1	3
Total species count period and day	11	19	5	7	7	8	11	9	4	8	13	5

Table 1-8. 40th Saskatchewan Christmas Mammal Count-2012.

CBC number	90								ı
ODO HUMBOI	-	±			Н		⊑		
		unc		ķs	늄		Counts, count period & coun		
		ŏ		Counts recorded as tracks	Counts recorded as other		∞		
	2	ä	-	ıs t	S	ро	р		Ģ
	010	/he	arc	d s	d 8	eri	eri		ea
	c 2	en	/he	.de	g.	ıτρ	ıt p		ڄ
	De	Se	en	00	00	'n	ino		ee
	20	als	Se	9	ē	0	0	Ħ	S
	Ċ,	idu	ınts	ınts	ınts	ınts	ınts	no	Į
	kto	di	Counts seen/heard	Ω	ος	Counts, count period	ος	ρų	Ö
	Yorkton, 20 Dec 2012	# individuals seen/heard count	#	#	#	#	#	High count	% Counts seen/heard
Masked Shrew	ŕ	1	1	0	0	0	1	1	1.0
Shrew species		1	1	5	1	1	8	1	1.0
Eastern Cottontail		2	1	1	0	0	2	2	1.0
Nuttall's Cottontail		22	9	1	0	0	10	7	9.4
Snowshoe Hare		19	10	30	1	2	43	6	10.5
White-tailed Jack Rabbit	t	53	19	17	1	5	42	13	19.9
Richardson's Ground Squirrel		0	0	1	0	0	1	0	0.0
Eastern Grey Squirrel		37	4	0	0	1	5	22	4.2
Eastern Fox Squirrel		108	14	0	0	0	14	43	14.7
American Red Squirrel	3	198	46	1	0	4	51	19	48.3
Northern Flying-Squirrel	M	5	2	0	0	2	4	4	2.1
American Beaver		0	0	0	12	0	12	0	0.0
Deer Mouse		0	0	10	0	2	12	0	0.0
Muskrat		2	2	0	16	1	19	1	2.1
Gapper's Red-Backed Vole		0	0	0	0	1	1	0	0.0
Meadow Vole		5	2	1	0	0	3	4	2.1
Vole species		4	4	12	0	1	17	1	4.2
House Mouse		4	2	0	0	0	2	3	2.1
Mouse species		3	2	15	0	1	18	2	2.1
American Porcupine		32	24	3	2	5	34	3	25.2
Coyote		191	52	11	1	6	70	16	54.6
Gray Wolf		1	1	2	0	0	3	1	1.0
Red Fox		32	22	12	0	3	37	4	23.1
Raccoon		6	3	4	0	2	9	4	3.1
American Marten		1	1	0	0	1	2	1	1.0
Fisher		0	0	4	0	0	4	0	0.0
Ermine		2	1	6	0	1	8	2	1.0
Long-tailed Weasel		2	2	7	0	2	11	1	2.1
Least Weasel		0	0	5	0	2	7	0	0.0
Weasel species		3	1	10	0	1	12	3	1.0
American Mink		4	3	3	0	2	8	2	3.1
American Badger		11	6	0	6	2	14	6	6.3
Striped Skunk		7	5	2	6	1	14	2	5.2
River Otter		8	2	2	0	1	5	7	2.1
Mountain Lion	Ш	0	0	1	0	1	2	0	0.0
Canada Lynx		0	0	4	0	0	4	0	0.0
Mule Deer	1	672	36	1	0	1	38	97	37.8
White-tailed Deer	1	1421	67	3	1	2	73	123	70.3
Deer species	\vdash	0	0	3	0	0	3	0	0.0
Moose	\vdash	55	20	7	0	9	36	9	_
Elk Drangharn	1	18	3			3	12	154	3.1 8.4
Pronghorn	\vdash	399	8 1	0	0	0	8 1	154 77	1.0
American Bison	_	77	_	U	U	U	- 1	//	1.0
Totals seen/heard on count day	3	3406	30		Н				
Total species seen/heard	1 0		30	27	\vdash				
Total species recorded by tracks Total species otherwise recorded	0		H	27	10	H			
Species recorded count period	0				10	26			
Total species count period and day	1		H	H	Н	20	38		1
. Sta. Spooled doubt period and day	_ '						50		



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