

# New Brunswick Christmas Mammal Count

Count circle: **RED BANK / SUNNY CORNER** (centered at intersection of Route 425 and Boom Road)

[All coverage was within a 24 km (15 mi.) diameter circle]

Count date: Dec. 16, 2017 (8:20 to 16:55 hours)

**Sky & precipitation:** 90% cloud cover at start and 5% at end; no precipitation at start and none at end.

**Ground & water conditions:** 100% snow cover with a crust (max. depth 20 cm) with 100% ice cover on Northwest and Little Southwest Miramichi Rivers, ponds 100% frozen, and brooks 95% frozen.

**Temp.:** -15°C to -6°C

**Wind direction and speed:** W 5 km/h at start and W 5 km/h at end

**Total participants:** 14 (6 field observers in 3 field parties, plus 8 persons at 6 feeders)

**Total party-hours:** 14.5 by car and 0.5 on foot

**Total party-km:** 302 by car and 1.0 on foot

**Compiler:** Dave McLeod

.... . . . . . Masked shrew	.... . . . . . American marten
.... . . . . . American water shrew	.... . . . . . Fisher
.... . . . . . Arctic shrew	.... . . . . . Short-tailed weasel
.... . . . . . Pygmy shrew	.... . . . . . American mink
.... . . . . . Short-tailed shrew	.... . . . . . Striped skunk
.... . . . . . Star-nosed mole	.... . . . . . River otter
.... . . . . . Snowshoe hare	.... . . . . . Lynx
.... . . . . . 8 Red squirrel	.... . . . . . Bobcat
.... . . . . . Northern flying squirrel	.... . . . . . Domestic cat (feral)
.... . . . . . 1 Grey squirrel	40, (T)2.(D)2 White-tailed deer
..... . . . . Beaver	.... . . . . . Moose
.... . . . . . Deer mouse	.... . . . . . Harbour seal
.... . . . . . Gapper's red-backed vole	.... . . . . . Grey seal
.... . . . . . Meadow vole	.... . . . . . Harp seal
.... . . . . . Muskrat	.... . . . . . Hooded seal
.... . . . . . Norway rat	.... . . . . . Harbour porpoise
.... . . . . . House mouse	
.... ..(D)1 American porcupine	Others:
.... . . . . . Eastern coyote	.... . . . . .
.... . . . . . Red fox	.... . . . . .
.... . . . . . Domestic dog (feral)	.... . . . . .
.... . . . . . Black bear	.... . . . . .
.... . . . . . Raccoon	

*Please note that this list is just a guide.*

## Legend:

<b>T</b> Tracks	<b>H</b> Animal heard
<b>L</b> Active lodge	<b>E</b> Scat or excrement
<b>D</b> Dead animal found.	<b>B</b> Bark freshly removed
<b>F</b> Fresh diggings (scratches) found	<b>O</b> Present during the count period
<b>S</b> Scent (odour) of animal	(Dec. 14 <sup>th</sup> to Jan. 5 <sup>th</sup> ) but not on count day.

## Instructions:

The mammal count can and should be done at the same time as the Xmas Bird Count in a circle 24 ms (15 mi) in diameter and should be conducted on one day between December 14<sup>th</sup> and January 5<sup>th</sup>.

Examples on how to fill out the sheet:

2, (T) 3 Snowshoe hare = this means that 2 snowshoe hares have been seen but also 3 different set of tracks during the count day.

4, (E) 1, (H) 1 Eastern coyote means that 4 coyotes were seen but also 1 excrement and one was heard.

Totals: 54 individuals of **4** species on count day plus 0 additional species during count period.

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**PARTICIPANTS:**

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Eugene Rolfe (feeder)

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