

Curatorial Report Number 4

Nova Scotia Museum
1747 Summer Street
Halifax Nova Scotia Canada

Shrews, Moles and Myomorph Rodents in the Nova Scotia Museum Collection

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INTRODUCTION

The oldest specimen in this section of the collection is a Meadow Jumping Mouse collected in Halifax by W. S. Jones in 1878. Others who contributed to the collection around the turn of the century were F. H. Reid (Annapolis County), H. S. Cruikshank (Truro) and J. Perrin (McNab's Island). These collections were brought together by Harry Piers, Curator of the Provincial Museum between 1899 and 1941. Roger (Tony) Bidwell collected small mammals in the vicinity of Annapolis Royal in 1946 and Lloyd Duncanson collected near Liverpool in 1952 in connection with ecological studies of burned woodlands. Since that time occasional specimens have been added by various collectors. Unfortunately this material had been stored under very poor conditions in the old museum and much of it had been destroyed by museum pests such as clothes moths and carpet beetles.

In 1971 the authors conducted a small mammal survey in widely scattered localities throughout the province in an effort to build up a representative collection of our fauna and at the same time become more familiar with the habits and ecology of the species concerned.

This catalog lists the specimens in the museum collections as of December 31st 1971. All specimens were determined by the authors with reference to Peterson's "The Mammals of Eastern Canada" and Hall & Kelson's "The Mammals of North America". Identifications

were later confirmed by comparison with material in the Canadian National Collection and at the Royal Ontario Museum. Almost invariably, Harry Piers' determinations proved to be correct. The arrangement and nomenclature used in this catalog follows that of the above authors.

The 343 specimens, of 15 species, are represented by 163 skins, 182 skulls and 112 whole animals. Three species, Sorex palustris gloveralleni Jackson, Microsorex hoyi thompsoni (Baird) and Synaptomys cooperi cooperi Baird, although found in this province, are not yet represented in the collection.

ABBREVIATIONS

(AHP)	A. H. C. Prichard	(JP)	Joseph Perrin
(AL)	A. Lang	(JWW)	J. W. Willis
(AMO)	Anthony Muise	(LAP)	L. A. Purcell
(AV)	Azor Vienneau	(LD)	Lloyd Duncanson
(BW)	Barry Wright	(PD)	Paul Doleman
(CU)	Collector unknown	(PMT)	Pierre M. Taschereau
(EE)	Elsie Eaton	(RB)	Roger Bidwell
(FHR)	F. H. Reid	(RWP)	R. W. Pollard
(FS)	Fred Scott	(S)	Mrs. Spain
(GH)	Gary Hardy	(SB)	Steven Baxter
(HP)	Harry Piers	(SS)	Sheila Stevenson
(HSC)	Howard S. Cruikshank	(WHB)	Watson H. Bishop
(JG)	John Gilhen	(WS)	Wanda Smith
(JH)	Mrs. Joseph Harris	(WSJ)	W. S. Jones

FAMILY SORICIDAE

Sorex cinereus acadicus Smith

Cinereous Shrew

DIGBY COUNTY

Whale Cove: 1♂, 3♀, 3-5 VIII 1971 (FS, BW)

ANNAPOLIS COUNTY

Bald Hill near Nictaux: 2 specimens, 23 I 1902 (FHR)
Nictaux: 1 specimen, 9 VI 1904 (FHR)

QUEENS COUNTY

Port Medway: 1 specimen, 23 XI 1909 (CU)

LUNENBURG COUNTY

New Ross: 1♂, 1-2 IX 1971 (FS, BW)

HALIFAX COUNTY

Lewis Lake: 1♀, 8 X 1971 (AV)
Birch Cove, Rockingham: 1♂, 2 XI 1961 (PMT)
1 specimen, 3 X 1961 (PMT)
1♀, 8 XII 1961 (PMT)
McNab's Island: 32 specimens, 11 II 1904 to
22 I 1905 (JP)

GUYSBOROUGH COUNTY

2 miles north of Sherbrooke: 1♂, 12-13 VIII 1971 (FS, BW)

COLCHESTER COUNTY

Truro: 7 specimens, 3 VI 1919 (HSC)

CUMBERLAND COUNTY

11 miles east of Oxford: 1♂, 20-21 IX 1971 (FS, BW, JG)

VICTORIA COUNTY

Town dump, Baddeck: 1♂, 1♀, 17-19 VIII 1971 (FS, BW)

Kelly's Mtn., Englishtown: 2♂, 1♀, 17-19 VIII 1971 (FS, BW)

Sorex fumeus umbrosus Jackson

Smoky shrew

HALIFAX COUNTY

Williams Lake: 1♀, 7 XIII 1961 (PMT)

Quarry trail, Rockingham: 1♂, 16 IV 1971 (FS, JG)

Tomahawk Lake: 1♀, 26 VII 1971 (FS, BW, JG)

GUYSBOROUGH COUNTY

Sherbrooke: 3♂, 1♀, 10-13 VIII 1971 (FS, BW)

CUMBERLAND COUNTY

Top of Wentworth ski slope: 1 specimen, VIII 1965 (BW)

VICTORIA COUNTY

Kelly's Mtn., Englishtown: 1♂, 18-19 VIII 1971 (FS, BW)

Sorex arcticus maritimensis Smith

Arctic shrew

COLCHESTER COUNTY

Truro: 1 specimen, 6 VII 1920 (HSC)

1 specimen, 6 IX 1923 (HSC)

GUYSBOROUGH COUNTY

3 miles north of Sherbrooke: 1♂, 1♀, 11-13 VIII 1971 (FS, BW)

Blarina brevicauda pallida Smith

Short-tailed shrew

DIGBY COUNTY

Sandy Cove: 1♂, 2-3 VIII 1971 (FS, BW)

Whale Cove: 2♂, 1♀, 2-5 VIII 1971 (FS, BW)

ANNAPOLIS COUNTY

Annapolis Royal: 6♂, 4♀, 25 VI-6 VII 1946 (RB)

Lequille: 3♂, 28 VI-1 VII 1946 (RB)

Middleton: 2 specimens, 23-24 VIII 1901 (LD)

Nictaux: 1 specimen, 9 VI 1901 (FHR)

1 specimen, 17 VII 1901 (FHR)

KINGS COUNTY

Caribou Bog, Aylesford: 1♂, 28-29 IX 1971(BW)

QUEENS COUNTY

Low Landing, L.Rossignol: 1♂, 18 VII 1952 (LD)

Cameron Lake, S. Brookfield: 1♀, 8-9 IX 1971 (BW,FS,JG)
1♂ specimen, 8 IX 1971 (FS,BW,JG)

½ mile east of Milton: 2♂, 18-19 VI 1952 (LD)

Port Mouton: 1 specimen, 23 XI 1927(CU)

LUNENBURG COUNTY

Bridgewater: 6♂,6♀,19-23 VII 1971(FS,BW)

HALIFAX COUNTY

Arm Bridge, Halifax: 1 specimen, 3 X 1902 (HP)

Birch Cove, Rockingham: 1 specimen, 24 XI 1961 (PMT)

2 miles north of Dartmouth: 1 specimen, 2 II 1911 (LAP)

Clayton Park, Halifax: 1 specimen, 18 VI 1970 (SB)

Dartmouth: 1 specimen, 3 IX 1902 (CU)

McNab's Island: 13 specimens, 1 III 1904 to
3 II 1905 (JP)

Point Pleasant Park, Halifax: 1♀, 25-26 VIII 1971 (FS,BW)

Prospect: 1♂, 29-30 VI 1971 (FS,JG,PD)

Rocky Lake: 1♀, 12-13 VII 1971 (JG,GH)

Tomahawk Lake: 1 specimen, 26-27 VII 1971 (FS,
BW, JG)

Williams Lake: 2♂, 4♀, 14-31 X 1961 and 6 XII
1961 (PMT)

GUYSBOROUGH COUNTY

2 miles north of Sherbrooke: 1♂,1♀, 9-10 VIII 1971 (FS,BW)

CUMBERLAND COUNTY

Oxford: 1♂, 22-23 IX 1971 (FS,BW,JG)

VICTORIA COUNTY

Kelly's Mtn., Englishtown: 1♂, 17-18 VIII 1971 (FS,BW)

FAMILY TALPIDAE

Condylura cristata nigra Smith

Star-nosed mole

ANNAPOLIS COUNTY

Middleton: 1♂, 25 VIII 1901 (FHR)

KINGS COUNTY

2½ miles south of Kentville: 2♂, 2♀, 21 V 1890 (WHB)

HALIFAX COUNTY

Dartmouth: 2 specimens, 11 VIII 1908 (JH)
 Halifax: 1♂, 6 XI 1878 (WSJ)
 McNab's Island: 2♂, 10 VIII 1904 (JP)

COLCHESTER COUNTY

Truro: 1 specimen, 13 IV 1926 (RWP)

FAMILY CRICETIDAE

Peromyscus maniculatus abietorum Bangs Deer mouse

ANNAPOLIS COUNTY

Lequille: 1♀, 28 VI 1946 (RB)
 Wilmot: 1♀, 20 IV 1902 (S)

QUEENS COUNTY

Kejimkujik Lake: 1♂, 30 V 1950 (LD)
 Low Landing, L. Rossignol: 1♂, 18 VII 1952 (LD)

GUYSBOROUGH COUNTY

3 miles north of Sherbrooke: 1♂, 10-11 VIII 1971 (FS, BW)
 2 miles north of Sherbrooke: 1♂, 11-12 VIII 1971 (FS, BW)

CUMBERLAND COUNTY

5½ miles east of Oxford: 1♂, 22-23 IX 1971 (FS, BW, JG)
 2 miles east of Oxford: 1♀, 23-24 IX 1971 (FS, BW, JG)

VICTORIA COUNTY

Baddeck Bridge: 1♀, 19-20 VIII 1971 (FS, BW)
 Kelly's Mtn., Englishtown: 2♂, 2♀, 17-19 VIII 1971 (FS, BW)

Peromyscus leucopus caudatus Smith White-footed mouse

DIGBY COUNTY

Whale Cove: 3♂, 4-5 VIII 1971 (FS, BW)

ANNAPOLIS COUNTY

Nictaux: 12 specimens, IV 1902 and VI 1910 (FHR)

KINGS COUNTY

Caribou Bog, Aylesford: 1♀, 28-29 IX 1971 (BW)

QUEENS COUNTY

Kejimkujik Lake: 4♂, 30 V 1950 and 14-15 VI 1950 (LD)
 ½ mile east of Milton: 1♂, 1♀, 18-19 VI 1952 (LD)

LUNENBURG COUNTY

Bridgewater: 2♂, 20-22 VII 1971 (FS, BW)

HALIFAX COUNTY

Point Pleasant Park, Halifax: 2♂, 25-26 VIII 1971 (FS, BW)

Williams Lake: 1♂, 23 XI 1961 (PMT)

Lower Sackville: 1♂, 10-11 VI 1971 (FS, JG)

GUYSBOROUGH COUNTY

2 miles north of Sherbrooke: 1♂, 11-12 VIII 1971 (FS, BW)

COLCHESTER COUNTY

Near Truro: 1♀, 1 III 1911 (EE)

CUMBERLAND COUNTY

11 miles east of Oxford: 1♀, 20-21 IX 1971 (FS, BW, JG)

Clethrionomys gapperi pallescens H. & C.

Red-backed mouse

ANNAPOLIS COUNTY

Annapolis Royal: 1 specimen, 27 VI 1946 (RB)

Nictaux: 3♂, 1♀, VI 1910 (FHR)

QUEENS COUNTY

South Brookfield: 1♂, 1♀, 8-9 IX 1971 (FS, BW, JG)

Lake Kejimikujik: 3♂, 30 V 1950 & 12-14 VII 1950 (LD)

Low Landing, L. Rossignol: 1♂, 18 VII 1952 (LD)

LUNENBURG COUNTY

Bridgewater: 2♂, 2♀, 21-22 VII 1971 (FS, BW)

HALIFAX COUNTY

Old St. Margarets Bay Road: 3 specimens, 23-31 XI 1950 (LD)

Port Wallis Locks, Dartmouth: 1 specimen, 21 I 1911 (LAP)

Tomahawk Lake: 1♂, 2♀, 26-27 VII 1971 (FS, BW, JG)

GUYSBOROUGH COUNTY

2 miles north of Sherbrooke: 1♂, 1♀, 9-11 VIII 1971 (FS, BW)

COLCHESTER COUNTY

Truro: 1♀, 4 VI 1913 (HSC)

Simpson Lake: 4♂, 2♀, 21-23 IX 1971 (FS, BW, JG)

CUMBERLAND COUNTY

7 miles east of Oxford: 2♂, 20-21 IX 1971 (FS, BW, JG)

VICTORIA COUNTY

Baddeck Bridge: 1♀, 19-20 VIII 1971 (FS, BW)

Kelly's Mtn., Englishtown: 1♂, 18-19 VIII 1971 (FS, BW)

Microtus pennsylvanicus acadicus Bangs Meadow vole

ANNAPOLIS COUNTY

Nictaux River nr. Middleton: 1♀, 9 VIII 1901 (FHR)

LUNENBURG COUNTY

Bridgewater: 1♀, 23 VII 1971 (FS,BW)

HALIFAX COUNTY

McNab's Island: 9♂, 4♀, 9 IV 1904 to 11 II 1905 (JP)

Petpeswick Harbour: 1♂, 17 VI 1971 (FS,GH)

Point Pleasant Park, Halifax: 1 specimen, 9 IV 1971 (GH,WS)

Island near Seabright: 2 specimens, 11 IX 1968 (JG)

Tomahawk Lake: 1♀, 26-27 VII 1971 (FS,BW,JG)

GUYSBOROUGH COUNTY

3 miles north of Sherbrooke: 3♂, 10-11 VIII 1971 (FS,BW)

COLCHESTER COUNTY

Simpson Lake: 1♀, 21-22 IX 1971 (FS,BW,JG)

CUMBERLAND COUNTY

11 miles east of Oxford: 3♂, 20-21 IX 1971 (FS,BW,JG)

Oxford: 1♂, 21-22 IX 1971 (FS,BW,JG)

2 miles east of Oxford: 1♂, 23-24 IX 1971 (FS,BW,JG)

VICTORIA COUNTY

Baddeck Bridge: 1♀, 19-20 VIII 1971 (FS,BW)

Ondatra zibithicus zibithicus (Linnaeus) Muskrat

Nova Scotia 1 specimen, no date

QUEENS COUNTY

Port Mouton: 1 specimen, 2 VI 1938 (JWW)

VICTORIA COUNTY

McMillan's Mountain: 1 specimen, 1 XII 1901 (AHP)

FAMILY MURIDAE

Rattus rattus Linnaeus Black rat

LUNENBURG COUNTY

Lunenburg: 4 specimens, VI 1971 (BW)

Rattus norvegicus norvegicus Berkenhout Norway rat

HALIFAX COUNTY

Halifax: 1 specimen, 2 XII 1971 (SS)

City Dump, Halifax: 1♂, 2♀, 23 X to 4 XI 1961 (PMT)

Mus musculus domesticus RuddyHouse mouse

LUNENBURG COUNTY

Lunenburg: 3 specimens, VI 1971 (BW)

HALIFAX COUNTY

McNab's Island: 1♂, 30 III 1914 (JP)
Halifax: 2♂, 10-11 VII and 22 XII 1971 (FS),
1♂, 7 XII 1962 (PMT)

CUMBERLAND COUNTY

Amherst: 1 specimen, spring 1919 (AL)
Oxford: 1♂, 23-24 IX 1971 (FS, BW, JG)FAMILY ZAPODIDAE

Zapus hudsonius acadicus (Dawson)Meadow jumping mouse

DIGBY COUNTY

Whale Cove: 3 specimens, 3-4 VIII 1971 (FS, BW)

ANNAPOLIS COUNTY

Middleton: 1♂, 23 VII (FHR), 1♂ IX 1901 (FHR)
Nictaux: 1♂, 21 VI 1904 (FHR)

QUEENS COUNTY

Kejimkujik Lake: 1♀, 12 VII 1950 (LD)

HALIFAX COUNTY

Halifax: 1♂, 6 X 1878 (WSJ)
Lawrencetown: 1♀, 14 X 1901 (HP)
Sackville: 1♀, 21-22 VI 1971 (FS, JG, PD)
McNab's Island: 1♀, 25 VI 1905 (JP)

GUYSBOROUGH COUNTY

3 miles north of Sherbrooke: 6 specimens, 10-13 VIII 1971
(FS, BW)

CUMBERLAND COUNTY

7 miles east of Oxford: 1♂, 23-24 IX 1971 (FS, BW, JG)
2 miles east of Oxford: 1♀, 23-24 IX 1971 (FS, BW, JG)

Napaeozapus insignis insignis (Miller) Woodland jumping mouse

YARMOUTH COUNTY

Tusket: 2 specimens, 7 IX 1971 (AM)

QUEENS COUNTY

Cameron Lake: 2♂, 1♀, 8-9 IX 1971 (FS, BW, JG)

HALIFAX COUNTY

2 miles northwest of Halifax: 1♂, 13 VI 1971 (JG)
McCabe Lake: 1♂, 22-23 VI 1971 (GH)
Tomahawk Lake: 1♂, 25-26 VII 1970 (JG)
8♂, 3♀, 13-14 VII 1971 (JG, GH)
2♀, 26-27 VII 1971 (FS, BW, JG)
1♂, 1♀, summer 1971 (JG)

GUYSBOROUGH COUNTY

Sherbrooke: 2♀, 10-11 VIII 1971 (FS, BW)
2 miles north of Sherbrooke: 2♂, 3♀, 9-10 VIII 1971 (FS, BW)

COLCHESTER COUNTY

Simpson Lake: 2 specimens, 22-23 IX 1971
(FS, BW)

CUMBERLAND COUNTY

2 miles east of Oxford: 1♀, 23-24 IX 1971 (FS, BW, JG)

VICTORIA COUNTY

Kelly's Mtn., Englishtown: 1♂, 2♀, 17-18 VIII 1971 (FS, BW)