

S. J. McKee Archives



Crepeelee locale Radiocarbon Dates

<http://archives.brandonu.ca/en/permalink/descriptions11966>

Part Of:	RG 7 Beverley Nicholson fonds
Description Level:	Sub-series
Series Number:	1.5
Accession Number:	1-2010
GMD:	textual records
Date Range:	2003-2008
Material Details:	Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

The Crepeelee locale is located within the larger Lauder Sandhills area, located in southwestern Manitoba. The area is a complex region of high biodiversity made up of stabilized sand dunes and wetlands that encourage the development of mixed forest and grass prairie. This area provided a variety of subsistence resources for pre-European hunter-gatherers. At the present time the grass prairie is now farm land but the areas of vegetated sand dunes have not been cultivated and have revealed numerous pre-contact archaeological sites.

Archaeological surveying was conducted in 2003. The results of the 2003 Casselman survey showed over 300 test units contained cultural material and indicated several areas for further examination including the Crepeelee site DiMe-29, Sarah site DiMe-28 and Graham sites DiMe-30.

From 2003 to 2008 field work took place at the locale with 75 - 1m x1m units excavated. The Crepeelee locale is a complex region of high biodiversity made up of stabilized sand dunes and wetlands that encourage the development of mixed forest and grass prairie. This area provided a variety of subsistence resources for pre-European hunter-gatherers. At the present time the grass prairie is now farm land but the areas of vegetated sand dunes have not been cultivated and have revealed numerous pre-contact archaeological sites.

To help establish the cultural sequence at the locale Radiocarbon dates were obtained from the three sites in the Crepeelee locale.

Radiocarbon dating

The technique of radiocarbon dating was developed by Willard Libby and his colleagues at the University of Chicago in 1949.

Radiocarbon dating is used to estimate the age of organic remains from archaeological sites. Organic matter has a radioactive form of carbon (C14) that begins to decay upon death. C14 decays at a steady, known rate of a half life of 5,730 years. The technique is useful for material up to 50,000 years. Fluctuations of C14 in the atmosphere can affect results so dates are calibrated against dendrochronology. Radiocarbon dates are calibrated to calendar years.

Dates are reported in radiocarbon years or Before Present. Before Present refers to dates before 1950. The introduction of massive amounts of C14, due to atomic bomb and surface testing of atomic weapons, has widely increased the standard deviation on all dates after A.D. 1700 causing these dates to be unreliable.

Accelerated mass spectrometry can more accurately measure C14 with smaller samples and can date materials to 80,000 years.

Scope and Content:

Sub series contains radiocarbon dates from: Crepeelee, Sarah and Graham sites.

Name Access: Crepeelee locale Radiocarbon Dates

Subject Access: Archaeology
Crepeelee locale
Crepeelee locale Radiocarbon Dates



ARCH 2: North Lauder locale

<http://archives.brandonu.ca/en/permalink/descriptions12079>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Series
Series Number: 2
Accession Number: 1-2010
GMD: multiple media
Date Range: 1997 to present

History /

Biographical:

ARCH 2: North Lauder Locale

The North Lauder locale has a long archaeological and geological history that is important for understanding the forces that shaped the region. Archaeological research in the locale shows that the area has been occupied by humans for at least the past 6,500 years. Environmental forces provided an area of diverse resources that attracted early peoples.

Environment of the Lauder Sandhills

The North Lauder locale is part of the greater Lauder Sandhills area. The glaciers that covered this region began to recede approximately 11,000 years ago leaving a large lake known as glacial Lake Hind. The Souris River, the Lauder Sandhills and the Oak Lake Aquifer are remnants of the environmental and geological forces that shaped the region.

The Lauder Sandhills region is characterized by a landscape of sand sheets and stabilized sand dunes interspersed with a variety of wetlands. This complex topographic and hydrological situation favoured the development of an island mosaic of mixed forest, wetland and meadow, surrounded by mixed grass prairie. The result was a large, isolated ecotone which provided a rich variety of subsistence resources for hunter-gatherers.

Research in the Lauder Sandhills

Archaeologists from Brandon University have been conducting research in the Lauder Sandhills since 1991. Research in the North Lauder locale has focused on the Atkinson site, a 6,500 year old hunter-gatherer site and Flintstone Hill.

The Atkinson site

The Atkinson site is one of the oldest excavated sites in Manitoba and has been Radiocarbon dated to 6,500 years before present. The Atkinson site is located on the bank of the Souris River and was discovered when a hearth (fire pit) was seen eroding out of the bank. Based on the date of the site and the kind of lithics (stone tools) present it is considered a Gowen occupation. The Atkinson site is evidence that bison hunters were active on the northern plains at a very early date. Similar sites have also been found on the High Plains in the U.S. and are referred to as the Mummy Cave Complex.

The Atkinson Site is of great importance as it is the first undisturbed site of this type to be excavated in Manitoba and extends the range of these sites south and east from the type-sites in central Saskatchewan.

Flintstone Hill

The geomorphology of the glacial Lake Hind Basin over the past 11,000 years is known primarily through the study of a cut bank along the Souris River. Flint Stone Hill contains the most complete stratigraphic record for the post-glacial period on the northern plains. The site has been extensively studied by geoarchaeologists, geologists and paleoenvironmentalists over many years and their findings have contributed to our understanding of the region.

The North Lauder locale Borden designations of Atkinson site DiMe-27 and Flintstone Hill site DiMe-26.

Borden System

Archaeological sites in Canada are identified by the Borden system, which is a uniform site designation system. The country is divided into grids based on latitude and longitude in blocks of 10 x 20 minutes. The first 4 letters indicate the block and the following numbers indicate the actual site. For example the area of the Lauder Sandhills in southwestern Manitoba is identified by the letters DM and the North Lauder locale within that area is DiMe. The Atkinson site is DiMe-27 and the Flintstone Hill site DiMe-26. As new sites are discovered they will be numbered sequentially.

Scope and Content:

The Series has been divided into two sub-series, including (1) Atkinson site DiMe-27 and Flintstone Hill site DiMe-26.

Name Access: North Lauder locale
Subject Access: Archaeology
Atkinson site DiMe-27

Arrangement:

Series is arranged by site and by year of field work.



ARCH 3: Lovstrom locale

<http://archives.brandonu.ca/en/permalink/descriptions12406>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Series
Series Number: 3
Accession Number: 1-2010
GMD: multiple media
Date Range: 1985 to 1991

History /

Biographical:

The Lovstrom locale first came to the attention of Dr. Nicholson through conversations with landowners Mr. and Mrs. Herb Lovstrom in 1985. Lovstrom is a multi-component archaeological locale located 25km south of Brandon overlooking the Souris River channel. The landowner's surface collection and the presence of bone and artifacts in a cultivated field indicated the presence of one or more sites.

Limited testing was conducted in 1985 and 1986, followed by major excavations in 1987, 1988 and 1991. Eight sites of block excavations with a total of 132 1m² excavation units were completed. The locale area extends approximately 500m north from the edge of the Souris Valley escarpment and over 200m east from the Jock's Creek escarpment.

Physical and biological environment As has been noted above, the locale is bounded on the south by the Souris channel and on the west by the incised channel of Jock's Creek and a till plain extends to the north and the east. This plain is characterized by buff colored glacial till with numerous rocks embedded in the surface. Surrounding these rocky knolls are dark-soil hollows where the various cultural occupations are found. The depth of the topsoil layer suggests a long term grassland cover with the present oak forest likely developing in historic times due to the elimination of bison grazing and the controlling of prairie fires in late historic times. A small cleared patch of farmland is found within the boundaries of the locale area. This area has provided a substantial surface collection of artifacts.

Present vegetation in the area is a mosaic of aspen/oak forest groves and mesic grass prairie

that includes introduced species such as brome grass. In poorly drained areas, willow and red osier dogwood are present. The Lovstrom locale is found in a forested area dominated by oak with an under story of saskatoon, chokecherry, pin cherry, and hazelnut brush. Poison ivy is abundant as well as sarsaparilla.

The major faunal resources in Precontact times would have been bison, with elk and mule deer playing a minor role. Antelope may have been present also. Small animals included snowshoe hare, cottontails, porcupines and beaver. Canids, including wolf, coyote, fox and domesticated dog were present, as well as mustelids such as badger, mink, and weasel. Fragments from a fisher were also recovered in the excavations.

Summation.

The Lovstrom locale has eight sites. The sites were designated and excavated as Blocks A, B, C, D, E, F, G and H. Many of the sites are multi-occupations.

The Vickers materials are primarily confined to Blocks D, E, F, G and H. Vickers Focus materials overlie Blackduck/Duck Bay materials. Blackduck and Duck Bay materials are found in the lower levels of all excavation blocks and in most test units. The Vickers occupations at the Lovstrom locale, based upon ceramic wares and an overlapping of C14 dates, appear to have been contemporary with the Lowton type site to the east, near Belmont. A small protohistoric occupation was identified overlying part of Block D. Faunal remains are abundant with bison clearly dominating the assemblages. Lesser amounts of canid are present as well as small mammals including beaver, hare and mustelids. Small amounts of avian species are also present.

Publications

Nicholson, B.A.

2011 The Role of Pocket Gophers (*Thomomys talpoides*) in Restructuring Stratigraphic Relationships at the Lovstrom Site. *Canadian Journal of Archaeology* 35:323-331.

Nicholson, Bev, Scott Hamilton, Matthew Boyd and Sylvia Nicholson

2008 A Late Plains Woodland Adaptive Strategy in the Northern Parklands: the Vickers Focus Forager-Horticulturists. Invited Paper for Papers in Northeastern Plains Prehistory, eds. Michael G. Michlovic and Dennis L. Toom, *North Dakota Journal of Archaeology* Vol. 8:19-34.

Nicholson, Bev and Scott Hamilton

2001 Cultural Continuity and Changing Subsistence Strategies During the Late Precontact Period in Southwestern Manitoba. *Canadian Journal of Archaeology* 25:53-73.

Nicholson, Bev

1996 Plains Woodland Influx and the Blackduck Exodus in South-Western Manitoba During the Late Precontact Period. *Manitoba Archaeological Journal* 6(1):69-85.

Nicholson, Bev and Mary Malainey

1991 Report on the 1991 Field School Excavations at the Lovstrom Site (DjLx-1), Southwestern Manitoba. *Manitoba Archaeological Journal* 1(2): 51-93.

Nicholson, Bev and Jane Gibson

1990-91 Lovstrom Site Field Report, 1987 Excavations. *Saskatchewan Archaeology* 11&12:46-68.

Nicholson, Bev and Ian Kuijt

1990 Field Report and Interpretations of the 1988 Archaeological Excavations at the Lovstrom Site (DjLx-1) in Southwestern Manitoba. *North Dakota Journal of Archaeology* 4:166-205.

Nicholson, Bev

1990 Ceramic Affiliations and the Case for Incipient Horticulture in Southwestern Manitoba. *Canadian Journal of Archaeology* 14:33-60.

Nicholson, Bev

1986 The Lovstrom Site: Culture Contact in Prehistory. Manitoba Archaeological Quarterly
10(1):35-71.

Scope and Content:

The Series has been divided into nine sub-series, including (1) Survey (2) Block A; (3) Block B
(4) Block C; (5) Block D; (6) Block E; (7) Block F; (8) Block G; (9) Block H

Name Access: Lovstrom locale

Subject Access: Archaeology
Lovstrom locale

Arrangement:

Series is arranged by site/block and by year of field work.



Atkinson site - DiMe-27

<http://archives.brandonu.ca/en/permalink/descriptions12080>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 2.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2006

History /

Biographical:

The Atkinson site was named for the landowners Ken and Karen Atkinson who were very helpful to the archaeology and geoarchaeology crews that worked at the site. Their support made the project possible.

The Atkinson site story begins with the discovery of a charcoal lens eroding from the north bank of the Souris River in the summer of 2002. Study of Cultural Adaptations on the Prairie Ecozone (SCAPE) project geoarchaeologist Dr. Garry Running was exploring the stratigraphic layering in the bank when he noted the lens and reported it to Dr. Bev Nicholson. Upon closer examination, a tiny pressure flake was observed on the lens exposure and it was decided to collect a charcoal sample for radiocarbon dating.

The resulting date of 5250B.P. cal. 4225 B.C. placed the site in the early Archaic period. A second date on bone collagen of 5580B.P. cal. 4500 B.C. confirmed the earlier date and gave an averaged date of circa 4400 B.C or 6,500 years ago.

The Atkinson site is one of the oldest excavated sites in Manitoba. Based on the date of the site and the kind of lithics (stone tools) present it is considered a Gowen occupation. The Atkinson site is evidence that bison hunters were active on the northern plains at a very early date. Similar sites have also been found on the High Plains in the U.S. and are referred to as the Mummy Cave Complex.

The Atkinson Site is of great importance as it is the first undisturbed site of this type to be excavated in Manitoba and extends the range of these sites south and east from the type-sites in central Saskatchewan. Based on the date and sample evidence further excavations were conducted by Dr. Nicholson's team. in 2003, 2004 and 2006.

Scope and Content:

Sub series has been divided into three sub sub series including: (1) Atkinson 2003, (2) Atkinson 2004; (3) Atkinson 2006

Name Access: Atkinson site DiMe-27

Subject Access: Archaeology
North Lauder locale
Atkinson site DiMe-27



Flintstone Hill - DiMe-26

<http://archives.brandonu.ca/en/permalink/descriptions12283>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 2.2
Accession Number: 1-2010
GMD: multiple media
Date Range: 1997-2000
History /
Biographical:

Flintstone Hill is located on the north bank of the Souris River. It is a deeply stratified lacustrine, fluvial and aeolian soil profile that has been exposed by the river through stream-bank erosion. This section is thought to be the most complete middle to late Holocene exposure on the northeastern plains. While the value of the site is primarily for paleo-environmental research and reconstruction, cultural deposits have been identified at the site. Local collectors have picked up lithic materials as they eroded out of the bank for the past several decades and it was they who had named the site. Mr. Bruce Timms from Lauder first drew the Flintstone Hill site to the attention of Dr. Nicholson of Brandon University.

During the mid 1990's to the early 2000's archaeological testing took place on Flintstone Hill. In 1998, an archaeological field crew dug a series of overlapping trenches down the slope of the profile and produced a schematic drawing. A peat layer at the bottom of this profile, dated from the top at 9,400 RCY and at the bottom to 10,400 RCY, has provided details of marsh plant and insect communities at this time.

Subsequent archaeological investigations at the site recovered several cultural deposits including: a hearth dating to 3250 \pm 70 R.C.Y. (BETA 109529); a butchered atlas bone 4090 \pm 70 R.C.Y. (BETA 109990); and bone fragments accompanied by Swan River Chert and Knife River Flint lithic flakes 5350 \pm 50 (BETA 109530). While no diagnostic tools were recovered, these dates suggest that this occupation, which is contemporary with the Atkinson site, may be a Gowen occupation.

Extensive paleo-environmental research has been conducted at the site. Dr. Running, a geomorphologist from the University of Wisconsin – Eau Claire, participated in the Study of Cultural Adaptations in the Prairie Ecozone (SCAPE) Project and he and his students tested the site for several years. He was joined in this effort by Dr. Havholm, Dr. Boyd, Dr. Wiseman, Dr. Beaudoin, and other SCAPE researchers in the interpretation of the paleo-environment of the Glacial Lake Hind basin. The following article is recommended reading.

Running, Garry L., Karen G. Havholm, Matt Boyd and Dion J. Wiseman
2002 Holocene Stratigraphy and Geomorphology of Flintstone Hill, Lauder Sandhills, Glacial Lake Hind Basin, Southwestern Manitoba. *Geographie Physique et Quaternaire* 56(2-3):291-303.

Scope and Content:

Sub series has been divided into two sub sub series including: (1) Flintstone Hill 1997 (2) Flintstone Hill 1998-2000

Name Access: Flintstone Hill - DiMe-26
Subject Access: Archaeology
North Lauder locale
Flintstone Hill - DiMe-26

ARCH 4: Makotchi-Ded Dontipi locale

<http://archives.brandonu.ca/en/permalink/descriptions10215>



Part Of: RG 7 Beverley Nicholson fonds
Description Level: Series
Series Number: 4
Accession Number: 1-2010
GMD: multiple media
Date Range: 1992 to 2002

History /

Biographical:

Introduction

Information on archaeological materials in this locale first came to the attention of Dr. Nicholson through Doug Jackson, a local artifact collector from Souris. Doug had observed archaeological materials that included bone, ceramics and lithic material that had been exposed by municipal road building activity, northwest of Lauder Manitoba

Environment

The Makotchi-Ded Dontipi locale is located among stabilized sand dunes in the Lauder Sandhills in Southwestern Manitoba, northwest of the village of Lauder. The area is a mosaic of medium grass prairie and copses of aspen poplar and aspen-oak, together with intermittent sedge grass marshes and small ponds. These wetlands are bordered with balsam poplar, water birch, willows and red osier dogwood.

The well-drained upland forest also contains saskatoon, chokecherry, wild current, hazelnut bushes and occasional wild plums. Lowland areas have nannyberries and high-bush cranberry. Wild strawberries grow in lightly shaded areas along trail margins and in open patches in aspen forest.

History of Excavations

The Makotchi-Ded Dontipi locale is a virtual "island" of forest and marshlands in a vast expanse of mixed grass prairie. This archaeologically and environmentally rich area was given the Dakota name Makotchi-Ded Dontipi, meaning "the place where we live".

Summation

Prior to European settlement, the area was a rich environment for hunter-gatherer people. Archaeological investigations from 1992 to 2002 have revealed numerous sites within the locale. Some of these sites have been extensively excavated while others have been identified or tested.

Seven sites that have been identified in this locale range in age from the historic through protohistoric periods and extend into the middle precontact period. The major sites are the initial Middle Missouri Duthie site, the late precontact Jackson, Bradshaw sites and the protohistoric Twin Fawns, Schuddemat and Hollow B sites. The multi-component Vera site includes historic Métis, late precontact Vickers Focus, and middle precontact Besant, Pelican Lake, McKean Complex and Oxbow occupations. Over 230 units were excavated as well as numerous test pits and several extensive surveys.

Scope and Content:

Scope and Content

The Series has been divided into seven sub-series, including (1) Duthie site (2) Jackson site (3) Twin Fawns site (4) Vera site (5) Schuddemat site (6) Bradshaw site (7) Hollow B site.

Name Access: Makotchi-Ded Dontipi locale

Subject Access: Archaeology

Arrangement:

Series is arranged by site and by year of field work.



MPE A 44 Lauder

<http://archives.brandonu.ca/en/permalink/descriptions8264>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE A

Item Number: 44

GMD: textual records

Date Range: 1928 - 1976

Physical Description: 26 cm

Scope and Content:

Lauder Co-operative Elevator Association Limited Organizational papers: 1928 - 1952 Certificate of Incorporation, April 28, 1928 Memorandum of Association and general bylaws, April 28, 1928 Minutes of provisional directors, May 14, 1928 First general meeting of shareholders, bylaws 1 - 7, May 14, 1928 Covering letter for above, May 30, 1928 Lease and covering letter (November 23, 1929), August 1, 1928 Memorandum of Agreement, November 12, 1929 Application for share of stock, July 24, 1931 Minutes of Directors meeting, July 24, 1931 Minutes of shareholders meeting, July 24, 1931 Bylaw no. 12, July 24, 1931 Bylaw no. 13, July 24, 1931 Agreement between Lauder CEA/MPE/MWP/HMTK, August 1, 1931 Bylaw no. 14, November 17, 1931 Letter re acceptance of application, January 14, 1932 For stock, January 14, 1932 Agreement between Lauder CEA/MPE, February 1, 1933 Agreement between Lauder CEA/MPE and, October 15, 1936 And covering memo (June 19, 1944), October 15, 1936 Agreement between Lauder CEA/MPE, June 19, 1939 Bylaw no. 16 and covering memo (March 24, 1941), November 2, 1939 Bylaw authorizing cancellation of capital, October 31, 1946 And covering memo (March 24, 1941), October 31, 1946 Bylaw no. 18 and covering memo (August 6, 1941), November 5, 1941 Bylaw no. 19, November 5, 1941 Bylaw no. 20, November 5, 1941 General bylaws, November 6, 1947 Bylaw no. 21, November 6, 1947 General bylaws, October 27, 1952 Minutes of Executive Board meetings, volume 1, October 17, 1931 - volume 3, March 28, 1975 Minutes of Shareholders Annual meetings, 1929 - 1969 (15 reports) Financial records and statistics Statement of surplus, 1938 - 1955 (16 reports) Final statements, 1932 - 1952 (21 reports) Auditors' reports, 1929 - 1947 (5 reports) Analysis of Operating Results, 1932 - 1962 (8 reports) Statement of Grain Account and Handle, 1929 - 1931 (4 reports) Repairs at Lauder, no date Deliveries, 1929 - 1930 Allocation of Surplus, 1945 - 1946 Allocation of Surplus, January 15, 1948 Resolutions, 1940 - 1947 (3 reports) Statement of Operating Expenses, July 31, 1932 (1 record) Analysis of Gross Earnings, July 31, 1953 (1 record) General Expenses, 1960 - 1964 (2 records) Annual Financial Statements and Reports, 1929 - 1931 (3 records) Detail of Grain Earnings, 1963 - 1964 Correspondence, 1928 - 1976 Membership list, 1929 - 1976 Miscellaneous Directors' attendance lists, 1943 - 1964, 1973 Director's report, no date Corporate Name: Rural Municipality of Cameron



Lovstrom survey

<http://archives.brandonu.ca/en/permalink/descriptions12407>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 1985-1986

History /

Biographical:

The Lovstrom surface collection came from small fields cleared within, and adjacent to, the major portions of the site which were excavated. The Lovstroms initial collection has since been added to by field personnel from Brandon University. The initial collections consisted of lithics and ceramics. A collection of faunal remains from the cultivated area was made by a Brandon University zooarchaeology class in 1986 which yielded specimens of elk, canid, mussels, and sucker, in addition to an expected abundance of bison. Since these materials were in a surface context, it may be that some of the faunal remains were historic.

The high biodiversity and evidence of pre-European contact prompted the decision to test the Lovstrom locale. Nine 1m² units were excavated in 1985 and, in 1986, an additional 15 1m² units were excavated for a total of 24 test units. This testing indicated the presence of a large precontact locale with lithics, woodland ceramics and large amounts of reasonably well-preserved faunal materials.

The lithics indicated a late Prehistoric occupation (Nicholson 1986:35). However, the ceramics were more useful in that they identified the presence of Late Woodland cultures (Blackduck and Duckbay) and a single Middle Missouri vessel. It is believed that the Middle Missouri vessel was imported since the paste and construction/decorative technology differ distinctively from that of all other vessels recovered from the site. It was on the basis of an examination of these surface finds that the decision to test the Lovstrom site was made. These test excavations were conducted during the summers of 1985 and 1986.

Field investigations through shovel tests, excavation units, and examination of rodent mounds, indicated that the cultural deposits at the Lovstrom locale extend approximately 500m north from the edge of the Souris channel and eastward for over two hundred meters from the escarpment along Jock's Creek. The presence of dense forest vegetation covering much of the locale, and the subsurface nature of the archaeological deposits obscured surface indications.

Radiocarbon dates: Test Unit 4: 1215/320 BP and Test Unit 8 1280/190 BP

Scope and Content:

Sub-series has been divided into sub sub series including: Lovstrom survey 1985 and Lovstrom survey 1986

Name Access: Lovstrom survey

Subject Access: Archaeology
Lovstrom locale
Lovstrom survey



Lovstrom Block A - summary

<http://archives.brandonu.ca/en/permalink/descriptions12451>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 3.2

Accession Number: 1-2010

GMD: multiple media

Date Range: 1987

History /

Biographical:

Block A was the most southern site in the locale. The excavation block consisted of 12 contiguous 1m² units dug in a 3m x 4m rectangle. The block was the least productive of cultural materials, and bone preservation was the poorest. Under the sod, the black loam layer appeared at 5 cm below surface, and the glacial clay at 25 cm below surface. Excavators described the soil matrix as gritty and silty, and it became concrete hard when dried. The occupation or bone layer extended from 10 to 25 cm below surface and consisted of a contiguous scatter of FCR and unidentifiable large ungulate bone which was heavily processed and intensively scavenged by carnivores. Most cultural materials were recovered within this layer. Fire cracked rock (FCR) and small burnt bone fragments were present but no intact hearths or processing features were evident.

Non-cultural materials included limestone and other natural pebbles derived from the parent till. (These small limestone pebbles were apparent in the occupation layers in other blocks as well). Root and rodent disturbance was extensive throughout Block A. Most units were excavated to gravelly clay till. Nine of the twelve units were dug to level 4b, which ended at 40 cm b.s.

No further excavations were done at this site. No C14 dates were taken.

Scope and Content:

Sub-sub-sub series contains: Summary information of field methodology, number and co-ordinates of excavations, personnel and their staff position; Field journals are daily records of recoveries, features and activities at the site; Site records include excavation level and unit summaries, feature sheets, profiles; sample records and maps; Artifact catalogues are lists and identifications of all artifacts recovered; Photographs are of excavation units, features, the landscape and personnel.

Name Access: Lovstrom Block A - summary

Subject Access: Archaeology
Lovstrom locale
Lovstrom Block A



Casselman survey

<http://archives.brandonu.ca/en/permalink/descriptions11706>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub-series

Series Number: 1.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2008

History /

Biographical:

The high biodiversity and evidence of pre-European contact prompted the decision to test the Crepeelee locale. The survey was named in recognition of the Casselman family, the original landowners.

Archaeological testing began in the Crepeelee locale in May 2003 on property now owned by the Crepeelee family. The locale covers over 6 sections or approximately 3,800 acres of land in an area of stabilized sand dunes and wetlands covered with mixed forest and prairie grass. Given the terrain, the size of the crew and time constraints, an area of approximately 60 acres was chosen for the survey. The survey used the established archaeological methodology of walking the selected area and using a shovel test surveyed grid. The use of GIS technology to locate the exact test spot and record the information into a GIS database was a significant advance and was one of the advantages of the integration of multi-disciplinary techniques encouraged by the SCAPE project. Over one half of the test pits resulted in the recovery of cultural materials. The results of the Casselman survey indicated several areas for further examination including areas that became the Crepeelee, Sarah and Graham sites.

Scope and Content:

Sub sub series has been divided into five sub sub sub series including: (1) Summary information; (2) Field journals; (3) Site records; (4) Artifact catalogues; and (5) Photographs.

Name Access: Casselman survey

Subject Access: Archaeology
Crepeelee locale
Casselman survey



MPE B 3 Local Association minutes Box 3

<http://archives.brandonu.ca/en/permalink/descriptions10020>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.3

File Number: 3

GMD: textual records

Date Range: 1957-1964

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

1. Alexander 1957-1964
2. Beresford 1957-1964
3. Beulah 1957-1964
4. Bradwardine 1957-1964
- 5a. Brunkild 1960-1964
- 5b. Brunkild 1957-1960
- 6a. Cardale 1961-1964
- 6b. Cardale 1957-1961
- 7a. Cromer 1961-1964
- 7b. Cromer 1957-1961
- 8a. Dauphin 1961-1964
- 8b. Dauphin 1957-1961
9. Dunrea 1957-1964
10. Edwin 1957-1964
- 11a. Gladstone 1961-1964
- 11b. Gladstone 1957-1964

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds

Series B: Central Office records



MPE B 3 Local Association minutes Box 4

<http://archives.brandonu.ca/en/permalink/descriptions10021>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.4

File Number: 4

GMD: textual records

Date Range: 1957-1964

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 12. Isabella 1957-1964
- 13a. Jordan 1960-1964
- 13b. Jordan 1957-1960
- 14. Kaleida 1957-1964
- 15. Lauder 1957-1964
- 16. La Riviere 1957-1964
- 17. Lyleton 1957-1964
- 18a. Moore Park 1960-1964
- 18b. Moore Park 1957-1960
- 19a. Napinka 1960-1964
- 19b. Napinka 1957-1960
- 20a. Nesbitt 1961-1964
- 20b. Nesbitt 1957-1961
- 21a. Ninga 1961-1964
- 21b. Ninga 1957-1964
- 22a. Pierson 1961-1964
- 22b. Pierson 1957-1961
- 23. Souris 1957-1964
- 24a. Sperling 1961-1964
- 24b. Sperling 1957-1961
- 25. Tilston 1957-1964
- 26. Waskada 1957-1964

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators
Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds
Series B: Central Office records



MPE B 3 Local Association minutes Box 5

<http://archives.brandonu.ca/en/permalink/descriptions10022>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.5

File Number: 5

GMD: textual records

Date Range: 1964-1968

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

27. Alexander 1964-1968
28. Beresford 1964-1968
29. Beulah 1964-1968
30. Bradwardine 1964-1968
31. Cardale 1964-1968
32. Cromer 1964-1968
33. Dauphin 1964-1968
34. Dunrea 1964-1968
35. Edwin 1964-1968
36. Gladstone 1964-1968
37. Isabella 1964-1968
38. Jordan 1964-1968
39. Lauder 1964-1968
40. Lyleton 1964-1968
41. Moore Park 1964-1968
42. Napinka 1964-1968
43. Nesbitt 1964-1968
44. Ninga 1964-1968
45. Pierson 1964-1968
46. Souris 1964-1968
47. Sperling 1964-1968
48. Tilston 1964-1968
49. Waskada 1964-1968

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds

Series B: Central Office records



MPE B 3 Local Association minutes Box 6

<http://archives.brandonu.ca/en/permalink/descriptions10023>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.6

File Number: 6

GMD: textual records

Date Range: 1968-1976

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 50a. Alexander 1972-1976
- 50b. Alexander 1968-1972
- 51a. Beresford 1972-1976
- 51b. Beresford 1968-1972
- 52a. Beulah 1973-1977
- 52b. Beulah 1968-1973
- 53a. Bradwardine 1972-1976
- 53b. Bradwardine 1968-1972
- 54a. Brunkild 1966-1968
- 54b. Brunkild 1964-1966
- 55a. Cardale 1975-1976
- 55b. Cardale 1972-1974
- 55c. Cardale 1968-1972
- 56a. Cromer 1974-1976
- 56b. Cromer 1972-1974
- 56c. Cromer 1968-1971
- 57a. Dauphin 1972-1976
- 57b. Dauphin 1968-1972
- 58a. Dunrea 1973-1976
- 58b. Dunrea 1968-1973
- 59a. Edwin 1973-1976
- 59b. Edwin 1968-1972
- 60a. Gladstone 1973-1976
- 60b. Gladstone 1968-1972
- 61. Glenella 1968-1972
- 62. Glenora 1968-1976

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds

Series B: Central Office records



MPE B 3 Local Association minutes Box 8

<http://archives.brandonu.ca/en/permalink/descriptions10024>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.8

File Number: 8

GMD: textual records

Date Range: 1977-1989

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

79a. Cromer 1978-1980
79b. Cromer 1977-1978
80a. Dauphin 1977-1978
80b. Dunrea 1977-1980
81a. Gladstone March 1 1979 – Nov 24 1980
81b. Gladstone Feb 2 1977 – Jan 17 1979
82. Edwin Jan 10 1977 – March 3 1981
83a. Isabella Feb 4 1977 – August 28 1980
83b. Lauder April 20 1979 – Nov 13 1980
84. Lyleton Dec 13 1977 – Nov 24 1978
85a. Jordan April 2 1979 – Dec 11 1980
85b. Jordan Jan 31 1977 – Feb 26 1979
86. Moore Park Jan 4 1977 – April 11 1979
87a. Napinka Jan 17 1977 – Nov 14 1980
87b. Nesbitt Feb 8 1979 – Nov 27 1980
87c. Nesbitt Jan 6 1977 – Dec 18 1978
87d. Ninga Feb 16 1977 – July 28 1980
88a. Pierson Dec 20 1978 – Nov 26 1980
88b. Pierson Jan 20 1977 – Dec 20 1978
89a. Souris Jan 10 1975 – Nov 30 1976
89b. Sperling May 8 1978 – Dec 10 1980
89c. Sperling March 21 1977 – Jan 31 1979
90. Tilston June 9 1977 – Nov 16 1978
91. Waskada Jan 10 1977 – Dec 12 1980
92. Bradwardine Feb 11 1981 – Nov 16 1981
93. Cromer Jan 13 1981 – Nov 27 1981
94a. Dunrea Sept 23 1985 – Nov 27 1989
94b. Dunrea March 24 1981 – Feb 14 1985
95a. Beresford July 31 1986 – Nov 14 1986
95b. Beresford Jan 13 1981 – April 3 1986
96a. Gladstone Nov 19 1986 – Nov 28 1989
96b. Gladstone Nov 3 1983 – Oct 11 1986
96c. Gladstone Jan 23 1981 – Jan 4 1984

Notes:	Description by Jillian Sutherland (2009)
Name Access:	Manitoba Pool Elevators Central Office
Subject Access:	Local Association
Storage Location:	RG 4 Manitoba Pool Elevator fonds Series B: Central Office records



MPE B 3 Local Association minutes Box 9

<http://archives.brandonu.ca/en/permalink/descriptions10025>

Part Of:	RG 4 Manitoba Pool Elevator fonds
Description Level:	Box
Series Number:	MPE B.3.9

File Number: 9
GMD: textual records
Date Range: 1975-1989
Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 97. Isabella Jan 28 1981 – July 21 1981
- 98a. Jordan Oct 23 1984 – Oct 6 1989
- 98b. Jordan Nov 8 1982 – Oct 3 1984
- 98c. Jordan Jan 15 1981 – Sept 27 1982
- 99. Lauder April 21 1981 – March 28 1983
- 100. Napinka Jan 12 1981 – Oct 28 1985
- 101. Nesbitt Jan 5 1981 – Nov 24 1982
- 102a. Pierson Sept 21 1987 – Dec 20 1989
- 102b. Pierson Sept 21 1983 – April 16 1987
- 102c. Pierson Jan 9 1981 – June 23 1983
- 103a. Sperling Jan 8 1987 – Nov 20 1989
- 103b. Sperling Dec 8 1983 – Jan 8 1987
- 103c. Sperling Feb 4 1981 – Dec 8 1983
- 104a. Waskada Sept 12 1984 – Nov 29 1989
- 104b. Waskada Jan 5 1981 – July 24 1984
- 105. Dominion City Oct 28 1987 – July 30 1990
- 106. Fannystelle March 5 1987 – Feb 19 1990
- 107. Minto Feb 17 1987 – Feb 27 1989
- 108. Poplar Point Jan 22 1987 – Jan 9 1991
- 109. Rathwell Feb 5 1987 – March 6 1990
- 110. Riverton August 5 1983 – Oct 29 1990
- 111. Silverton Nov 10 1987 – Jan 1990
- 112a. Brunkild Feb 5 1992 – Nov 29 1993
- 112b. Brunkild Jan 8 1990 – Jan 8 1992
- 113a. Brunkild Oct 6 1986 – Dec 11 1989
- 113b. Brunkild May 18 1984 – Sept 2 1986
- 113c. Brunkild Jan 5 1981 – Feb 6 1984
- 114a. Brunkild Dec 4 1978 – Dec 8 1980
- 114b. Brunkild Jan 4 1977 – Nov 29 1978
- 114c. Brunkild Jan 6 1975 – Dec 5 1976

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators
Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds
Series B: Central Office records



MPE B 3 Local Association minutes Box 10

<http://archives.brandonu.ca/en/permalink/descriptions10026>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.10

File Number: 10

GMD: textual records

Date Range: 1968-1998

Physical Description: 13 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

115a. Brunkild Nov 28 1972 – Dec 2 1974

115b. Brunkild Oct 29 1970 – Nov 8 1972

115c. Brunkild Nov 14 1968 – Nov 9 1970

116a. Beresford Feb 19 1992 – May 13 1998

116b. Beresford August 17 1992 – Dec 14 1991

117. Dunrea Jan 12 1990 – May 31 1993

118a. Jordan Feb 11 1994 – May 27 1996

118b. Jordan Nov 21 1989 – Nov 25 1993

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds

Series B: Central Office records



MPE B 3 Local Association minutes Box 11

<http://archives.brandonu.ca/en/permalink/descriptions10027>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.11

File Number: 11

GMD: textual records

Date Range: 1968-1998

Physical Description: 13 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 119a. Sperling April 24 1995 – July 17 1997
- 119b. Sperling April 13 1994 – March 31 1995
- 119c. Sperling Jan 16 1992 – March 21 1994
- 119d. Sperling Jan 15 1990 – Dec 17 1991
- 120. Gladstone April 5 1990 – May 31 1993
- 121. Waskada March 12 1990 – May 26 1993
- 122. Pierson Feb 15 1990 – March 23 1993
- 123. Durban Oct 29 1993 – Nov 19 1995
- 124. Erikson Oct 29 1993 – Dec 15 1994
- 125. McAuley Nov 18 1993 – Nov 2 1995
- 126. Morris Dec 1 1993 – Nov 14 1995

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds

Series B: Central Office records



MPE B 3 Local Association minutes Box 7

<http://archives.brandonu.ca/en/permalink/descriptions10061>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.7

File Number: 7

GMD: textual records

Date Range: 1968-1980

Physical Description: 33 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 63. Hargrave 1968-72; 1975-76
- 64. Isabella 1968-1976
- 65a. Jordan 1972-1976
- 65b. Jordan 1968-1972
- 66a. Lauder 1972-1976
- 66b. Lauder 1968-1972
- 67a. Lyleton 1972-1976
- 67b. Lyleton 1968-1972
- 68a. Moore Park 1974-1976
- 68b. Moore Park 1971-1974
- 68c. Moore Park 1968-1971
- 69a. Napinka 1972-1976
- 69b. Napinka 1968-1972
- 70. Nesbitt 1973-1976
- 71. Ninga 1973-1976
- 72. Pierson 1973-1976
- 73. Sperling 1973-1976
- 74. Tilston 1973-1976
- 75. Waskada 1973-1976
- 76a. Alexander Jan 24 1977 – June 1978
- 76b. Beresford April 4 1977 – Nov 27 1980
- 76c. Bradwardine Feb 21 1977 – Nov 18 1980
- 77. Beulah 1977 – 1980
- 78a. Cardale 1978-1980
- 78b. Cardale 1977-1978

Notes: Description by Jillian Sutherland (2009)

Name Access: Manitoba Pool Elevators

Central Office

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds
Series B: Central Office records



MPE B 3 Local Association minutes Box 12

<http://archives.brandonu.ca/en/permalink/descriptions10245>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Box

Series Number: MPE B.3.12

File Number: 12

GMD: textual records

Date Range: 1995-1999

Physical Description: 13 cm

History /

Biographical:

See history/bio for sub-series B.3

Custodial History:

See custodial history for sub-series B.3

Scope and Content:

This box contains minutes generated by local MPE associations, collected by the central office. Records include the following:

- 127. SD #405 (Alexander, Beresford, Souris) June 27 1996 - July 12 1999
- 128. SD #404 (Hartney, Elgin/Fairfax) April 19 1996 - July 2 1999
- 129. SD #403 (Waskada, Deloraine, Goodlands/Medora) Dec 14 1995 - August 17 1999
- 130. SD #402 (Melita, Pierson) Nov 23 1995 - Oct 12 1999
- 131. SD #401 (Erikson, Cromer, Sinclair)
- 132. SD #503 (Elkhorn, Virden, Kirkella, McAuley) Dec 1 1995 - June 28 1999
- 133. SD #504 (Oakner, Quadra) July 31 1997 - April 14 1999
- 134. SD #301 (Killarney, Ninga, Dunrea, Boissevain) August 14 1996 - August 9 1999
- 135. SD and Local Miscellaneous

Notes: Description by Jillian Sutherland (2010)

Name Access: Manitoba Pool Elevators

Central Office

Alexander

Beresford

Souris

Hartney

Waskada

Deloraine

Melita

Pierson

Cromer

Sinclair

Reston

Elkhorn

Virden

Kirkella

McAuley

Oakner

Killarney

Ninga

Dunrea

Boissevain

Subject Access: Local Association

Storage Location: RG 4 Manitoba Pool Elevator fonds
Series B: Central Office records

