

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



North Lauder locale Radiocarbon Dates

<http://archives.brandonu.ca/en/permalink/descriptions12326>

Part Of: RG 7 Beverley Nicholson fonds
Description Level: Sub-series
Series Number: 2.5
Accession Number: 1-2010
GMD: textual records
Date Range: 1997-2000
Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

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.

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

Radiocarbon dates were obtained from the Atkinson site and Flintstone Hill.

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 sub series contains radiocarbon dates from: the Atkinson site and Flintstone Hill.

Name Access: North Lauder locale Radiocarbon Dates

Subject Access: Archaeology
North Lauder locale
North Lauder locale Radiocarbon Dates



MPE B 13 Summary of Association Operations

<http://archives.brandonu.ca/en/permalink/descriptions10058>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE B.13

GMD: textual records

Date Range: 1925-1987

Physical Description: 66 cm

History /

Biographical:

See fonds level description of RG 4 for history/bio of MPE

Scope and Content:

This sub-series consists of summaries of elevator operations. The records include the following:

Box 1:

Summary of Operations 1925-1968 Alexander-Gretna

Summary of Operations 1925-1968 Hamiota-Morris

Summary of Operations 1925-1968 Napinka-Woodnorth

Box 2:

Association Financial and Debt Repayment Summary 1925-1963

Association Financial and Debt Repayment Summary 1925-1963

Box 3:

Summary of Operations 1964-1968

Summary of Operations 1964-1968

Summary of Operations 1964-1968

Box 4:

Summary of Operations A-K 1925-1996

Summary of Operations L-Z 1925-1996

Elevator Points Closed A-L 1926-1987

Elevator Points Closed M-Z 1926-1987

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 A 228 Edwin

<http://archives.brandonu.ca/en/permalink/descriptions10241>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE A 228

GMD: textual records

Date Range: 1928-1981

Physical Description: 33 cm

Scope and Content:

Edwin Association Minutes 1928-1981; Sub-district #101 Minutes Oct 6 1969-July 18 1978; Agent's Letters Dec 24 1928-July 15 1947; Circulars Spet 19 1969-August 15 1978; Correspondence Nov 7 1960-Sept 8 1978; Memo of Association and By-laws 1928-1953; Member Certificates 1947-1953; Newsletters Jan 1976-August 1978; Attendance records 1946-1962; Financial 1929-1983; Miscellaneous (correspondance, Grain Handling Commission, Crop Development and Seed Clubs, publications) 1951-1978; Membership Lists 1955-1978

Notes: Description by Jill Sutherland (2010)
The records for Edwin Association are unique in that more than just minute books were sent to the McKee archives

Name Access: Edwin
Boak

Subject Access: MPE
Local Association



MPE A 229 Forrest

<http://archives.brandonu.ca/en/permalink/descriptions10242>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE A 229

GMD: textual records

Date Range: 1927-1991

Physical Description: 33 cm

Scope and Content:

Forrest Association Minutes 1927-1991; Circulars April 21 1965-Oct 19 1981; Correspondance May 22 1927-May 25 1981; Documents Feb 11 1927-July 31 1969; Financial 1928-1968; Membership 1948-1969; Miscellaneous 1952-1980

Notes: Description by Jill Sutherland (2010)
The records for Forrest Association are unique in that more than just minute books were sent to the McKee archives

Name Access: Forrest

Subject Access: MPE
Local Association



MPE A 230 Sub-district # 405

<http://archives.brandonu.ca/en/permalink/descriptions10243>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE A 230

GMD: textual records

Date Range: 1977-1999

Physical Description: 13 cm

Scope and Content:

Sub-district # 405 Minutes Oct 21 1981-April 21 1988, August 1 1991-July 12 1999, Nov 10 1988; Historical Data 1977-1979; Local Reports 1997-1998; Attendance 1979-1987; Councillor List and Addresses 1979-1983; Correspondance Dec 4 1981-June 16 1997; Letters June 26 1980-Jan 8 1986; Financial 1980-1999; Miscellaneous 1977-1990

Notes: Description by Jill Sutherland (2010)

Subject Access: MPE
Local Association



MPE B 3 Central Office Local Association Minutes

<http://archives.brandonu.ca/en/permalink/descriptions9107>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE B.3

GMD: textual records

Date Range: 1925-1993

Physical Description: 3.13 m

History /

Biographical:

A copy of a Local Associations (later the Local Pool Committees) would be sent to the Central Office, where it was stored until a microfilm copy could be made. Records were only transferred to microfilm until 1957.

Custodial History:

Local Association records recieved by the Central Office dating from 1925 to 1957 are on microfilm. Records subsequent to 1957 are hardcopies.

Scope and Content:

Sub-series MPE B.3 consists of Local Association records from the formation of the association until 1993 or said association's closure. See Box level entries for B.3 for detailed contents of records.

Notes: Description by Jillian Sutherland (2009). Records contained in Series B.3 on microfilm or in hardcopy may also be contained in Series A.

Name Access: Manitoba Pool Elevators
Central Office

Subject Access: Local Association
elevator

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



MPE A 231 Carnegie

<http://archives.brandonu.ca/en/permalink/descriptions10244>

Part Of: RG 4 Manitoba Pool Elevator fonds

Description Level: Sub-series

Series Number: MPE A 231

GMD: textual records

Date Range: 1959-63

Physical Description: 6 cm

Scope and Content:

Carnegie Co-operative Elevator Association Minutes Oct 23 1959 - Jan 29 1963

Notes: Description by Jill Sutherland (2010)

Name Access: Carnegie

Subject Access: MPE
Co-operative
Local Association