

S. J. McKee Archives



Crepelee locale Radiocarbon Report I

<http://archives.brandonu.ca/en/permalink/descriptions11968>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Sub sub series

Series Number: 1.5.1

Accession Number: 1-2010

GMD: multiple media

Date Range: 2003-2008

Physical Description: 3 pages

Material Details: Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

Crepelee locale Radiocarbon Dates. C14 report by IsoTrace Laboratory for Crepelee site 2005 XU 8.

From 2003 to 2008 field work took place at the Crepelee locale with 75 - 1m x1m units excavated.

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

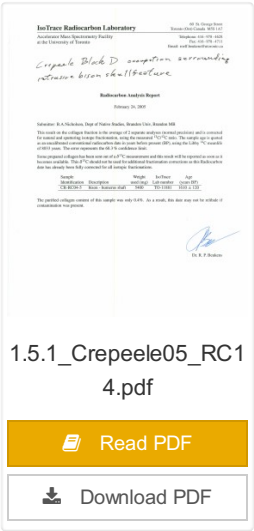
Accelerated mass spectrometry can more accurately measure C14 with smaller samples and can date materials to 80,000 years.

Scope and Content:

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

Name Access: Crepelee locale Radiocarbon Report I

Subject Access: Archaeology
Crepelee locale
Crepelee locale Radiocarbon Dates



North Lauder locale Radiocarbon Report I

<http://archives.brandonu.ca/en/permalink/descriptions12327>

Part Of:	RG 7 Beverley Nicholson fonds
Description Level:	Sub sub series
Series Number:	2.5.1
Accession Number:	1-2010
GMD:	multiple media
Date Range:	1997-2000
Physical Description:	2 pages
Material Details:	Radiocarbon date reports have been scanned in multi-page PDF files.

History /

Biographical:

North Lauder Radiocarbon Date report by IsoTrace Laboratory for Atkinson II site #TO-11882.

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: Atkinson site and Flintstone Hill.

Name Access: North Lauder locale Radiocarbon Report I

Subject Access: Archaeology
North Lauder locale
North Lauder locale Radiocarbon Report I

Documents

IsoTrace Radiocarbon Laboratory
Accelerator Mass Spectrometry Facility
at the University of Toronto

*Interiors between base of road down
and surface of site occupation*

Radiocarbon Analysis Report
January 21, 2010

Reference: S. J. Pentland, *Map of North Lauder, Ontario, 1880-1890*
This report is the result of a sample of organic material submitted for radiocarbon dating. The sample was analyzed using the standard ¹⁴C dating method, which measures the ratio of ¹⁴C to ¹²C in the sample. The results are reported in radiocarbon years before present (BP), using the 1950 AD as the base year. The results are also reported in calendar years (cal BP) using the IntCal09 calibration curve. The results are reported with a 1-sigma (68%) confidence interval.

Sample	Material	Age (BP)	Age (cal BP)
1	Wood	1000 ± 50	1000 ± 50
2	Charcoal	1000 ± 50	1000 ± 50

I warrant that the data presented in this report is the result of a radiocarbon analysis. I warrant that the data is accurate and reliable. I warrant that the data is presented in a clear and concise manner. I warrant that the data is presented in a format that is easy to understand. I warrant that the data is presented in a format that is easy to use.

[Signature]
Dr. R. F. Brown

2.5.1_Atkinson_RC14_
TO-11882.pdf

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Thomas and Annie I. Pentland; Fred Pentland; Harry Pentland; Robert McVety; Harry McVety; Evelyn Pentland
<http://archives.brandonu.ca/en/permalink/descriptions4548>

Part Of: Alfred Angus Murray McPherson collection

Description Level: Box

File Number: 10.1-10.22

Accession Number: 21-2006

Other Numbers: Box J

GMD: textual records

Date Range: 1882-1945

Physical Description: 30 cm

History /

Biographical:

Thomas James (T.J.) Pentland, son of John Pentland and Jane Finnegan, was born January 4, 1858. He died January 8, 1919 in Justice, MB. T.J. married Annie Isabel McVety on July 22, 1885 in High Bluff, MB. Together they had six children: John Alfred (Fred); Henry Herbert McVety (Harry); Annie Ethel; Eliza Evelyn; Thomas Elton Wesley (Wesley); and Mary Agnes Grace Isabel (Gracie).

Annie Isabel McVety was born at Seaforth, ON in 1859 and came to High Bluff, MB with her family in 1882. She died in October of 1938 in Justice, MB.

John Alfred (Fred) Pentland was born on July 5, 1886 in Douglas, MB. He was mortally wounded during the Passchedale campaign - 3rd battle of Ypres. He died on September 13, 1917 at Camiers Hospital, France.

Henry Herbert McVety (Harry) Pentland was born on November 10, 1887 in Douglas, MB. He died on June 26, 1948 in Brandon, MB. Harry married Mary Emma Irene (Irene) Fleming, daughter of John Jr. and Martha McLaughlin Fleming on November 22, 1913 in Brandon. Together they had three children: Harry Clare (Clare); Olive Eunice Irene (Eunice); and Shirley Margaret Marie.

Eliza Evelyn (Evelyn) Pentland was born February 7, 1892 in Justice, MB. She died on May 28, 1986 in Brandon, MB. Evelyn married Norman Wallace Thompson on July 22, 1914 in Justice, MB. Together they had six children: Norman Cecil; Muriel Isabel; Norma Evelyn Jean; James Alfred; Marguerite Beryl; and Helen Elaine.

No biographical information available for Robert and Harry McVety.

Scope and Content:

Contains the following files:

[no file number] Mortgage papers 1890-1907

10.1 Fred Pentland insurance documents 1912-1916 (includes 1914 mortgage agreement)

10.2 Fred Pentland correspondence 1910-1916 (2 files)

10.3 Fred Pentland postcards 1916

10.4 Harry Pentland correspondence 1916-1918

10.5 Harry McVety correspondence from Wes Pentland 1912

10.6 Evelyn Pentland correspondence 1910

10.7 Robert McVity correspondence 1920 (includes 1921 will)

10.8 Annie I. Pentland correspondence 1930-1936

10.9 Thomas (T.J.) Pentland insurance documents 1917

10.10 Thomas (T.J.) Pentland income tax papers 1917

10.11 Thomas (T.J.) Pentland undated correspondence

10.12 Thomas (T.J.) Pentland correspondence 1882-1911

10.13 Annie I. Pentland insurance documents 1917-1937

10.14 Annie I. Pentland undated correspondence

10.15 Annie I. Pentland-McVety estate correspondence 1917-1945

10.16 Annie I. Pentland-McVety estate documents 1922-1931

10.17 Annie I. Pentland correspondence 1928-1938 (3 files)

10.18 Annie I. Pentland correspondence 1918-1927

10.19 Annie I. Pentland correspondence 1917 (2 files)

10.20 Annie I. Pentland correspondence 1908-1916 (2 files)

10.21 Annie I. Pentland income tax forms 1918-1921

10.22 Annie I. Pentland mathematics exam to enter Normal School August 1883

Notes: Part of the Alfred Angus Murray McPherson collection.

Storage Location: Alfred Angus Murray McPherson collection
Box 8