

# S. J. McKee Archives



## Casselman survey - lithic bifaces

<http://archives.brandonu.ca/en/permalink/descriptions10973>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.10

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 2000 x 1333 (525KB )

Material Details: JPEG

Scope and Content:

Lithic bifaces (stone tools) from Casselman survey

Name Access: Casselman survey - photographs

Subject Access: Archaeology  
Crepeele locale  
Casselman survey

## Images





## Casselman survey - group on sand dune

<http://archives.brandonu.ca/en/permalink/descriptions10737>

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Part Of:              | RG 7 Beverley Nicholson fonds                      |
| Description Level:    | Item                                               |
| Series Number:        | 1.1.5                                              |
| Item Number:          | 1.1.5.2                                            |
| Accession Number:     | 1-2010                                             |
| GMD:                  | graphic                                            |
| Date Range:           | 2003                                               |
| Physical Description: | 2000 x 1500 (1752 KB )                             |
| Material Details:     | JPEG                                               |
| Name Access:          | Casselman survey - photographs                     |
| Subject Access:       | Archaeology<br>Crepeele locale<br>Casselman survey |

### Images

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## Casselman survey - Mike Evans and James Graham

<http://archives.brandonu.ca/en/permalink/descriptions10964>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.6

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 1200 x 900 (835KB )

Material Details: JPEG

Scope and Content:

Mike Evans and James Graham during the Casselman survey

Name Access: Casselman survey - Mike Evans and James Graham

Subject Access: Archaeology  
Crepeele locale  
Casselman survey  
Casselman survey - photographs

### Images

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## Casselman survey - Sarah Graham and Mike Evans

<http://archives.brandonu.ca/en/permalink/descriptions10967>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.7

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 1200 x 900 (933KB )

Material Details: JPEG

### Scope and Content:

Sarah Graham and Mike Evans surveying at Casselman

Name Access: Casselman survey - Sarah Graham and Mike Evans

Subject Access: Archaeology  
Crepeele locale  
Casselman survey  
Casselman survey - photographs

### Images

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## Casselman survey - James Graham writing notes

<http://archives.brandonu.ca/en/permalink/descriptions10736>

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Part Of:              | RG 7 Beverley Nicholson fonds                      |
| Description Level:    | Item                                               |
| Series Number:        | 1.1.5                                              |
| Item Number:          | 1.1.5.3                                            |
| Accession Number:     | 1-2010                                             |
| GMD:                  | graphic                                            |
| Date Range:           | 2003                                               |
| Physical Description: | 1200 x 900 (847 KB )                               |
| Material Details:     | JPEG                                               |
| Name Access:          | Casselman survey - photographs                     |
| Subject Access:       | Archaeology<br>Crepeele locale<br>Casselman survey |

### Images

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## Casselman survey - lithic side-notched points

<http://archives.brandonu.ca/en/permalink/descriptions10974>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.11

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 1200 x 900 (422KB )

Material Details: JPEG

Scope and Content:

Lithic side-notched points from Casselman survey

Name Access: Casselman survey - photographs

Subject Access: Archaeology  
Crepeele locale  
Casselman survey

### Images

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## Casselman survey - Lisa Sonnenburg, Mike Evans and James Graham

<http://archives.brandonu.ca/en/permalink/descriptions10963>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.5

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 1200 x 900 (759 KB )

Material Details: JPEG

Scope and Content:

Lisa Sonnenburg, Mike Evans and James Graham at the Casselman survey

Name Access: Casselman survey - Lisa Sonnenburg, Mike Evans and James Graham

Subject Access: Archaeology  
Crepeele locale  
Casselman survey  
Casselman survey - photographs

### Images

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## Casselman survey - Bev Nicholson leading a group through the Crepeelee locale

<http://archives.brandonu.ca/en/permalink/descriptions10979>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.1

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 2500 x 1875 (3233 KB )

Material Details: JPEG

Scope and Content:

Bev Nicholson leading a group through the Crepeelee locale during the Casselman survey

Name Access: Casselman survey - Bev Nicholson leading a group through the Crepeelee locale

Subject Access: Archaeology  
Crepeelee locale  
Casselman survey  
Casselman survey - photographs

### Images

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## Casselman survey - ceramic rim sherd

<http://archives.brandonu.ca/en/permalink/descriptions10972>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.9

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 1200 x 900 (363KB )

Material Details: JPEG

Scope and Content:

Cord-wrapped stick impressions on ceramic rim sherd.

Name Access: Casselman survey - ceramic rim sherd

Subject Access: Crepeelee locale  
Casselman survey  
Casselman survey - photograph

### Images

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## Casselman survey - Lisa Sonneburg and Jolana Bishop

<http://archives.brandonu.ca/en/permalink/descriptions10962>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.1.5

Item Number: 1.1.5.4

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 2000 x 500 (2598 KB )

Material Details: JPEG

Scope and Content:

Lisa Sonneburg and Jolana Bishop during the Casselman survey

Name Access: Casselman survey - Lisa Sonneburg and Jolana Bishop

Subject Access: Crepeele locale  
Casselman survey  
Casselman survey - photographs

### Images

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## 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 1m<sup>2</sup> units were excavated in 1985 and, in 1986, an additional 15 1m<sup>2</sup> 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 survey 1985 - Souris valley

<http://archives.brandonu.ca/en/permalink/descriptions12449>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 3.1.1.5

Item Number: 3.1.1.5.1

Accession Number: 1-2010

GMD: graphic

Date Range: 1985

Physical Description: 1200 x 803 (394KB )

Material Details: JPEG

### Scope and Content:

View of the Souris valley from the Lovstrom locale.

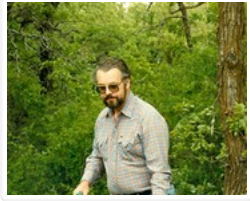
Name Access: Lovstrom survey 1985 - Souris valley

Subject Access: Archaeology  
Lovstrom locale  
Lovstrom survey 1985

### Images

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## Lovstrom survey 1986 - Bev Nicholson

<http://archives.brandonu.ca/en/permalink/descriptions12450>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 3.1.2.5

Item Number: 3.1.2.5.1

Accession Number: 1-2010

GMD: graphic

Date Range: 1986

Physical Description: 1200 x 960 (857KB )

Material Details: JPEG

### Scope and Content:

Bev Nicholson at the Lovstrom locale.

Name Access: Lovstrom survey 1986 - Bev Nicholson

Subject Access: Archaeology

Lovstrom locale

Lovstrom survey 1986

## Images

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## Crepeele site 2003 - Bev Nicholson and James Graham surveying

<http://archives.brandonu.ca/en/permalink/descriptions10968>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.2.1.5

Item Number: 1.2.1.5.1

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 432x324 (221KB )

Material Details: JPEG

Scope and Content:

Bev Nicholson and James Graham surveying at the Crepeele site 2003.

Name Access: Crepeele site 2003 - Bev Nicholson and James Graham surveying

Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2003 - photographs

### Images

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## Crepeele 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 x 1m 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 |



## Sarah site 2004 - Bev Nicholson and students surveying

<http://archives.brandonu.ca/en/permalink/descriptions11873>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.3.2.5

Item Number: 1.3.2.5.3

Accession Number: 1-2010

GMD: graphic

Date Range: 2004

Physical Description: 720 x 540 (491 KB )

Material Details: JPEG

Scope and Content:

Bev Nicholson and students surveying.

Name Access: Sarah site 2004 - Bev Nicholson and students surveying

Subject Access: Archaeology  
Crepeele locale  
Sarah site DiMe-28  
Sarah site 2004  
Sarah site 2004 - photographs

### Images

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## Crepeelee site 2003 - Emily Ansell excavating

<http://archives.brandonu.ca/en/permalink/descriptions11718>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.2.1.5

Item Number: 1.2.1.5.2

Accession Number: 1-2010

GMD: graphic

Date Range: 2003

Physical Description: 432x324 (183KB )

Material Details: JPEG

Scope and Content:

Emily Ansell excavating at the Crepeelee site 2003.

Name Access: Crepeelee site 2003 - Emily Ansell excavating

Subject Access: Archaeology  
Crepeelee locale  
Crepeelee site DiMe-29  
Crepeelee site 2003 - photographs

### Images

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## Crepeele site 2005 - XU 16 feature

<http://archives.brandonu.ca/en/permalink/descriptions11763>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.2.3.5

Item Number: 1.2.3.5.1

Accession Number: 1-2010

GMD: graphic

Date Range: 2005

Physical Description: 2750 x 2063(1481KB )

Material Details: JPEG

Scope and Content:

XU 16 level 2 NW quad feature 1, fire cracked rock

Name Access: Crepeele site 2005 - XU 16 feature

Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2005  
Crepeele site 2005 - photographs

### Images

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## Crepeele site 2005 - XU 21 feature

<http://archives.brandonu.ca/en/permalink/descriptions11764>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.2.3.5

Item Number: 1.2.3.5.2

Accession Number: 1-2010

GMD: graphic

Date Range: 2005

Physical Description: 2063 x 2750 (1,107KB )

Material Details: JPEG

Scope and Content:

XU 21 level 4 pedestalled bone.

Name Access: Crepeele site 2005 - XU 21 feature

Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2005  
Crepeele site 2005 - photographs

## Images

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## Crepeele site 2005 - XU 12 projectile point

<http://archives.brandonu.ca/en/permalink/descriptions11765>

Part Of: RG 7 Beverley Nicholson fonds

Description Level: Item

Series Number: 1.2.3.5

Item Number: 1.2.3.5.3

Accession Number: 1-2010

GMD: graphic

Date Range: 2005

Physical Description: 2750 x 2063 (1,143 KB )

Material Details: JPEG

Scope and Content:

XU 12 level 5 chalcedony projectile point

Name Access: Crepeele site 2005 - XU 12 projectile point

Subject Access: Archaeology  
Crepeele locale  
Crepeele site DiMe-29  
Crepeele site 2005  
Crepeele site 2005 - photographs

### Images

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