

Provincial Newsletter No. 35

ARCHAEOLOGICAL SOCIETY OF ALBERTA

June / July 2019



Prize Recipients From the Archaeological Society of Alberta Conference



Best Poster Award - Tatyanna Ewald won with "Tooth be Told, This Concept Isn't too Hard to Grass-p: A new Method for Dental Microwear Analysis in Bison"



Best Student Paper Award - Madisen Hvidberg (University of Calgary) won with "The Use of Reality Capture Technologies to Mediate Relocaiton Impacts at the Perrenoud Homestead"



Runner-Up Best Student Paper Award - Margaret Patton (University of Calgary) won with "Magnetometry and Ground Penetrating Radar at the Junction Site (DkPi-2): Late Prehistoric Campsite Spatial Organization"



Best Student Poster Award- Kelsey Pennanen and Peter C. Dawson (University of Calgary) won with "Seeing the Light: Using Laser Scanning to Study Erosion Dynamics and Monitor Stream-Bank retreat at a Threatened Heritage Site in Alberta"

On April 12-14th, archaeologists of all different levels of experiences and backgrounds attended the Archaeological Society of Alberta Annual Conference 2019. The conference was well attended.

Tara Collett's "Understanding and Interpreting Radiocarbon Dates" workshop was a very succinct summary of how to read Radiocarbon date reports and how to prepare artifacts for radiocarbon dating (hint: don't use burnt bone). Also on April 12th was a historic walk of downtown Lethbridge, led by Belinda Crowson which was very informative. On April 14th people were also able to have peek into the Gault mine.

The speakers the following day spoke on a variety of Alberta archaeology topics ranging from Medicine Wheels to Fort Vermilion field school adventures to the different technologies (magnetometry, 3D scanning, etc.) archaeologists are using to help them learn about the past.



The Archaeological Society of Alberta (ASA) encourages student participation and with the generous donations by the ASA, Association of Consulting Archaeologists and an anonymous donor, students had opportunities to bring some money home. Here Shawn Bubel, ASA Provincial President, presented the awards to the recipients.

Archaeological Society Of Alberta Activities

The Archaeological Society of Alberta Centers' speaker series do not run during the summer...stay tuned come Fall

Bodo Centre



Dig-it Camp dates are available!

Once again the Bodo Archaeological Society is proud announce that we will be providing our Adult Dig-It Camps in July of 2019!

We are offering our camps for one week: July 8th-12th 2019

Cost of the camp is \$125/day which includes an introduction to archaeology, hands on instructions from trained professionals lunch and a snack. The excavation will take place at the Bodo Bison Skulls Site, near where a 500 year old communal bison kill site has been uncovered. This camp focuses on fieldwork, but no previous excavation experience is required. Participants will make a contribution to the understanding of precontact history in Alberta and on the greater Northern Plains. Registration in the 4-day camp includes a bonus field trip.

Bodo Archaeological Society
Can you dig it?



Phone: 780-753-6353
Fax: 780-753-6352
Email: bodo@bodoarchaeology.com

Bodo Archaeological Center offers:
Drop in tour: Full Guided Tours
Drop in tour: Self Guided
(center only)
1/2 Day School Program
Overnight School Tour
Might Warrior Day Camp
(ages 5-8)
Arrowhead Day Camp
(ages 9-11)
Buffalo Bones Day Camp
(ages 12-15)

Please check out the website, [here](#), for more information. Email is bodoarchaeology@gmail.com

Southeastern Centre

Upcoming Events

June 23, 2019: Murphy Medicine Wheel Field Trip followed by a picnic by the river. More details to follow.

Past Event Update

June 1, 2019: SEASAS members visited the former Burnside Ranch area west of Medicine Hat and east of Redcliff (EaOq-1). Numerous stone circles, cairns and teepee rings were first investigated in 1960 by Dr. Richard Forbis of the Glenbow Foundation, and was later examined during a 1976 University of Calgary study. There is even a pictograph or two. The large grassfire in the area in 2017 has made many of the stone features more visible.

May 15, 2019: SEASA members participated in a walk to the Ross Glen Archaeological site of Medicine Hat (DIOp2). Excavated in 1981 the site yielded considerable quantities of data with scientifically significant results. These investigations yielded evidence of at least three prehistoric occupations, with the principal occupation dated to about 500 AD associated with Besant and Old Woman Phase artifacts. Housing development has obliterated the archaeological site. Group leader Janice Andreas discussed some of the findings from the excavation; Cathy Linowski described the plant and animal resources available to first nations peoples and other group members discussed the history of the area prior to City development. For more information about the Ross Glen site click [here](#).

Southeastern Centre Continued...

April 17, 2019: The SEAS members and the community guests enjoyed an enthusiastic and entertaining presentation by Patrick Carmichael from Mount Royal University titled "The Mystery of the three monkeys" detailing anthropological/archaeological studies of the Nasca culture of south coastal Peru and the elaborate ceramic vessels produced. Patrick also highlighted the challenges of conserving and documenting cultural materials in developing countries.

SEAS volunteers have been active in helping with the archaeological work that was done near Empress with Barney Reeves and Margaret Kennedy.

Report A Find

The Archaeological Society of Alberta highly recommends reporting any type of artifact you may find to the [Alberta Report A Find web site](#). It is important to know where artifacts are being found. It helps archaeologists to determine things like past human and animal migration patterns, trade routes, and more.



DID YOU KNOW...by clicking on the Alberta Points throughout the newsletter it will direct you to pages on the Archaeological Society of Alberta's website.

Archaeology Web Finds

A creative way to learn..

From UGATODAY: [Comic series, workbook bring anthropology to life](#)

Sometimes archaeological sites are found by accident and in this case by a group of kindergartners.

From LiveScience: [Kindergartners Stumble Across This 5,600-Year-Old Burial Mound. Archaeologists are Mystified.](#)

Yum...carbohydrates!!

From ScienceDaily: [Earliest Evidence of the Cooking and Eating of Starch](#)

Ancient DNA, as intriguing as always..

From National Geographic: [Oldest Burial Yields DNA Evidence of First Americans](#)



Indigenous Day

National Indigenous People's Day takes place on June 21st. June is also National Indigenous History Month.

This day was recognized across Canada in 1996.

[This link will take you to a list of events happening around Alberta for National Indigenous People's Day.](#)

The Archaeological Society of Alberta is funded by the Alberta Historical Resources Foundation



Archaeological Society of Alberta

Archaeology Education Kit

The Archaeological Society of Alberta can provide a portable archaeological items education travel kit that is available to ASA Centres for use at community events or school visits. It is a great hands-on kit that makes “holding” the past possible. The kit includes items such as bison skulls, fire broken rock, hafted arrow, and much more. Contact the [Provincial Coordinator](#) for more information



Memberships

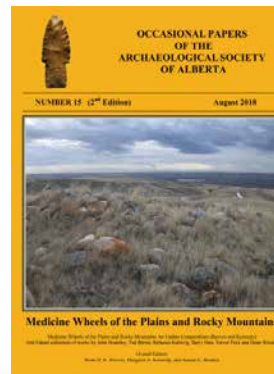
Archaeology in Alberta is alive and well! Do you want to learn more about Alberta Archaeology or archaeology in general? There are six Archaeological Society of Alberta Centres around Alberta. Contact the nearest Centre to you for more membership information.

- ◇ Bodo Archaeological Society (Eastern Alberta)
- ◇ Archaeological Society of Alberta - Calgary Centre
- ◇ Archaeological Society of Alberta - Edmonton Centre
- ◇ Archaeological Society of Alberta - Lethbridge Centre
- ◇ Archaeologica Society of Alberta - Red Deer Centre
- ◇ Southeastern Archaeological Society of Alberta



Publications

Archaeological Society of Alberta publications – The ASA has a series of published books for sale on the website. Please check out the Gold Book Series [here](#) and other publications, like the ever popular *Record in Stone: Familiar Projectile Points from Alberta* [here](#).



The newest Occasional Paper for the Archaeological Society of Alberta (No. 15, 2nd Edition), *Medicine Wheels of the Plains and Rocky Mountains*, is now available. Please see attached order form for more information.

Provincial Awards & Grants

The Archaeological Society of Alberta provides two awards: Distinguished Service Award and the Johan (John) Dormaar Award. The ASA also provides research/special activity funding through the Archaeological Society of Alberta Grant Program. Click on the award/grant title to be directed to ASA guidelines.

[Johan \(John\) Dormaar](#)

Award: Nomination and application deadline: March 1st for presentation at the AGM
Nominations are accepted throughout the year. Award: \$1,000.00

[Distinguished Service](#)

Award: Nomination and application deadline: Nominations should be received by the nomination committee by the end of the calendar year prior to the Archaeological Society of Alberta's AGM.

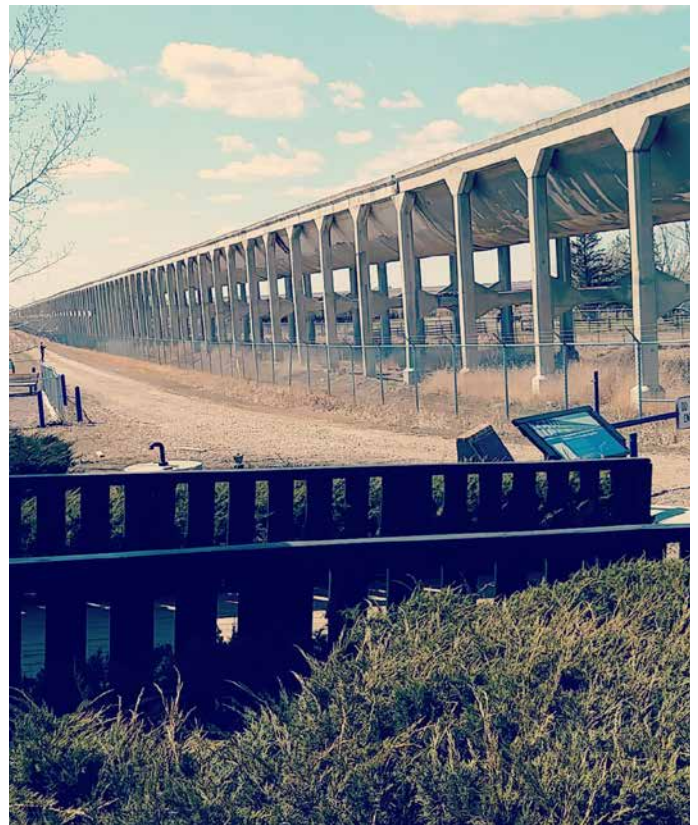
[Archaeological Society of Alberta Grant Program](#)

for research assistance and special activities: Application deadlines: January 15th and September 15th annually
Research grant: up to \$10,000.00
Special activity grant: up to \$5,000.00

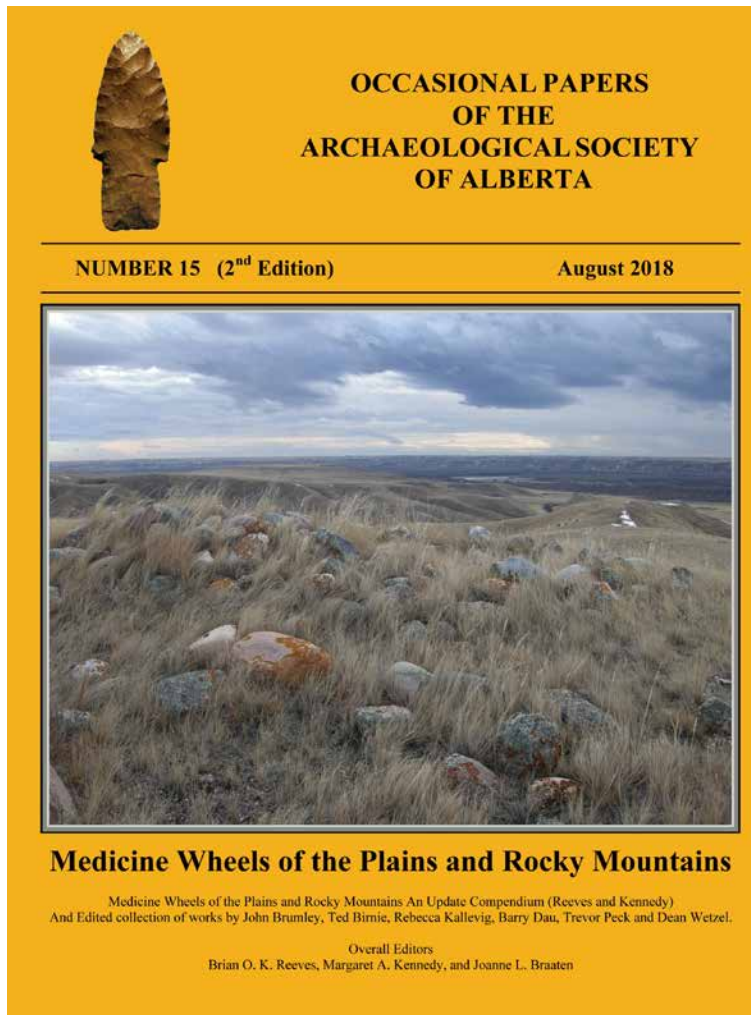
Alberta Archaeology Field Opportunities

Call for Volunteers at the Brooks Aqueduct

If you're interested in **industrial archaeology** and the use of technology in archaeology, Christina Robinson is looking for volunteers to collect data at the Brooks Aqueduct. Please contact her at christina.robinson2@ucalgary.ca for more information. The fieldwork will be conducted from the **16th to the 31st of August**. A limited number of seats will be available for a daily commute for volunteers from Calgary.



Did you know...that all of the Centres have an active Facebook presence?
Check them out for the latest information or contact the Centres directly.



CONTENTS

- Introduction for Medicine Wheels of the Plains and Rocky Mountains*
Brian O. K. Reeves and Margaret A. Kennedy

- Many Island Lake (EbOm-1)*
John Brumley (Ethos Consultants Ltd.)

- The Ellis Site (EcOp-4)*
John Brumley

- Benjamin Ranch Site*
John H. Brumley

- The Long Site*
John Brumley, Ted Birnie and Rebecca Kallevig

- The Darkhorse Archaeological Project*
Barry J. Dau (1996)

- Twin Peaks Medicine Wheel (EcOp-51)*
Trevor R. Peck and Dean Wetzel

- Medicine Wheels of the Plains and Rocky Mountains Compendium*
Brian O. K. Reeves and Margaret Kennedy

- Plains and Rocky Mountains Medicine Wheel Indices*
Edited by
Brian O. K. Reeves, Margaret A. Kennedy
and Joanne L. Braaten

- Soft Cover, 385 pages, 2018.
32 Tables, 109 Figures and 62 Plates
ISBN 978-0-9691030-9-1

\$50.00ea plus \$15.00 postage, add \$8.00 postage for each additional book. No GST!



Medicine Wheels of the Plains and Rocky Mountains (Volume 15 2nd Edition)

_____ *Quantity* x \$ 50.00 + \$ _____ *Postage* = \$ _____ *Total*

Cheque or Money Order only

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