

ARCHAEOLOGICAL NEWSLETTER

Issue No 7: Dec. 2013 & Jan. 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

46th Annual Chacmool Conference

by Tiana Christiansen, Chacmool Conference Chair

The 46th annual Chacmool Conference entitled *Trading Spaces: The Archaeology of Interaction, Migration and Exchange*, was on November 7-9, 2013 at the Rozsa Centre at the University of Calgary. The conference kicked off with the very interesting plenary speeches by Dr. Patricia Sutherland (Memorial University of Newfoundland), Dr. John Hoopes (University of Kansas), Dr. James E. Snead (California State University, Northridge), and Dr. Eleanor Conlin Casella (University of Manchester, UK). After three days of very successful and well-attended

sessions, the conference wrapped up Saturday evening with the banquet speaker Dr. James Bayman (University of Hawai'i, Mānoa). A special thanks to all our CRM sponsors: Tera, Bison, Stantec, Lifeways, Golder, the CRM Group, Arrow, Delcan, SNC-Lavalin, Western, and Ghostpine. Also thank you to SSHRC, as well as to our volunteers – this conference could not have been put on without you. Thank you to everyone who attended our events and we hope to see you next year.

New Provincial Archaeologist

by Kurtis Blaikie, President, Strathcona Archaeological Society

Congratulations to Todd Kristensen on his recent permanent appointment as *Archaeologist, Northern Region* with the Archaeological Survey of Alberta in the Historic Resources Management Branch of Alberta Culture. In this role Todd will review and approve archaeological permit applications and Historical Resources Impact

Assessment and Mitigative excavation reports, among other responsibilities. Todd's broad experience with both academic and consulting archaeology in Alberta, British Columbia, Northwest Territory, Yukon Territory and Newfoundland will serve him, and the archaeology of the province, well in the coming years.

2014 ASA Awards

The ASA has established two awards that may be awarded each year to recognize the work of an individual(s). Winners of these awards are honoured during the ASA annual general meeting.

Distinguished Service Award

The Distinguished Service Award is granted to an individual(s) who has provided a distinguished, long-term record of services to their local centre of the Society, participated in the provincial level of the society, contributed to the discipline of archaeology in the province, increased awareness and/or education on public issues of archaeology, and contributed to the promotion of the Society.

Johan (John) Dormaar Award

The John Dormaar Award is granted to an individual who, through production of a substantive piece of written work, has significantly advanced the understanding and appreciation of Alberta archaeology and related disciplines.

For more information on either of these awards or to nominate someone, please contact Jim

39th Annual Meeting of the Archaeological Society of Alberta

Papers and posters on all topics relating to archaeology, history and the heritage of Alberta, the Great Plains, and Canada are welcomed. We encourage presentations from the consulting community, students, academics, avocational archaeologists and the public. The ACA will be offering an award for the best poster.

May 9 – 11, 2014
Bodo, AB



ARCHAEOLOGICAL SOCIETY OF ALBERTA



Please contact bodo@bodoarchaeology.com for more information or to submit an abstract.

Submission deadline is March 1, 2014.

Also visit www.bodoarchaeology.com for more information.



**Looking for the perfect gift or stocking stuffer?
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**2014 Bodo Archaeological Society
Cash Calendar**



Three CASH prizes each month! Cash Calendars make great Christmas gifts that last all year long!

Draws take place on the last business day of EACH month of 2014!



Calendars are available at:
Hall's Foods, Bouma Meats, DR Technologies, and The Provost News or
Email: bodo@bodoarchaeology.com
Phone: Roxanna 780-753-1319 (in Provost)
Phone: Christie 780-989-2649 (elsewhere)



The Bodo Archaeological Society Cash Calendar fundraiser is finally here! The raffle tickets/calendars are \$50 each and will be for sale until the end of January. The first draw will take place on January 31, 2014. There will be three draws every month for the 2014 calendar year to win cash prizes of \$500, \$100 or \$50 each month (drawn names are reentered). Calendars make a great archaeology-themed Christmas gifts for friends, families, co-workers, and staff members! And when you buy a calendar for someone they have chances of winning all year long!

2014 CALENDAR ORDER FORM

Limited Edition

ARCHAEOLOGICAL SOCIETY OF ALBERTA 50 CALGARY CENTRE YEARS



2014 Calendar
FRONT

ARCHAEOLOGICAL SOCIETY OF ALBERTA 50 CALGARY CENTRE YEARS
2014 Calendar



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The photos utilized on this calendar are not available elsewhere from the Backlist only in the 19th century.

BACK

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The Archaeological Society of Alberta, Calgary Centre annual calendars are available for 2014! Calendars feature fantastic archaeological photos from Alberta Archaeological sites. They are \$13 each (plus applicable shipping) and discounts will apply for orders of 10 or more! Calendars make great stocking stuffers for that hard-to-buy for person!

ARCHAEOLOGY WEEKEND RETURNS!



Mark it on your calendar, Lethbridge Centre is planning on hosting another fantastic and informative "Archaeological Weekend" on March 1 and 2, 2014 at the Gem of the West Museum, Coaldale, AB.

We will have Jack Brink and Bob Dawe from the Royal Alberta Museum in attendance to identify Native American artefacts brought in by the public and members of the Archaeological Society of Alberta. So dust off those random bones or points you've come across and find out more about them!

In addition to the artefact identification we will host some demonstrations and displays during the two day event, hope to see you all there!



**Photos courtesy of John Easton - Thanks John!*

Announcement: Social Media - Alberta's Historic Places

The Historic Resources Management Branch has undertaken two new social media initiatives.

RETROactive is a blog about Alberta's historic places set up by our Historic Places Stewardship Section.

<http://albertashistoricplaces.wordpress.com>

These blog posts, as well as other information relevant to the Historic Resources Management Branch, can be found on [Alberta's Historic Places Facebook page](#).

December Strathcona Archaeological Society Social

Join the SAS Thursday December 19th for some sunny summer archaeology slides and holiday baking!

The SAS is having their annual holiday social at the Royal Alberta Museum. Bring some cookies or other holiday snacks.

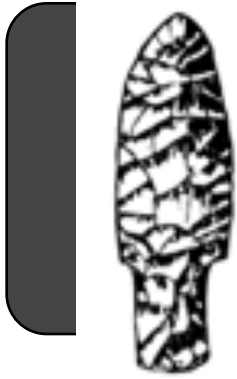
Vince Jankunis and Elenore Hood will be bringing a slideshow from their underwater archaeology field school in Spain this spring. If you have vacation or field photos you'd like to share, contact Kurtis (kurtis@treetime.ca) or just bring a powerpoint on a usb key.

This is also a great opportunity to bring some interesting artifacts or unusual finds you'd like to show some other archaeologists.

Date/Time: Thursday December 19th at 7:00 PM

Location: In the lecture room at the Royal Alberta Museum.

(The lecture room is entered by the old Archives door, to the left of the main museum entrance.)



ARCHAEOLOGICAL NEWSLETTER

Issue No 8: February & March 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

Grade 8 Students Learn about a Career in Archaeology!

by Kurtis Blaikie, President, Strathcona Archaeological Society

On January 10th I had the pleasure of talking with Joe Amundrud's grade 8 class at Spruce View School west of Innisfail, AB. They'd just completed a social studies unit on the Aztecs and Mr. Amundrud had contacted the Archaeological Society of Alberta to see if any archaeologists might be willing to talk to them about how archaeology is done and what a career in archaeology is like. I'm always happy to talk about my work to anyone who'll listen so I gladly volunteered. I had a little trepidation on my way to Spruce View that morning, remembering what I was like at 13...

My worries were completely unfounded. I started by talking briefly about how I became interested in archaeology at about their age, and was hooked after spending half a day touring the Provincial Museum labs and collections with Bob Dawe. I shared some flakes and tool reproductions from last year's stone tool workshop and then spent more than an hour answering engaged and insightful questions. There were the standard "What's the coolest / oldest / biggest / smallest thing you've found?", and questions

about how much school I had to take and which classes were most valuable. After a brief description of how artifacts are buried over time one of the students asked if we ever found sites on top of other sites, grasping the concept of stratigraphy more quickly than many Intro to Archaeology students.

I don't know if any of those students plan to be archaeologists, but one wants to be a palaeontologist. I hope that by speaking with them about my experience finding a career by following my passion, they'll have a little more confidence following their own paths when the time comes.



I left Spruce View School smiling, having spent an hour being reminded by a class of 13 year-olds how much I love my job. I encourage all of my colleagues to take every opportunity they get to share our vocation with the public, especially children and youth. Let Christie know if you're willing to volunteer your time the next time a teacher asks.

"It was really interesting, I learned a lot of things. I had no idea there were so many jobs related to archaeology."

"I think it was awesome, very good, and he never stopped talking."

"(He) knew what he was talking about, useful information. Thanks for coming!"

Feedback from Kurtis's Visit to Spruce

View School:

Mr. Amundrud and his students enjoyed having Kurtis share his knowledge and stories with them. Here is what some of the students had to say afterwards:

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Update from the Lethbridge Centre

by Duncan Lloyd, President, ASA Lethbridge Centre

The Lethbridge Centre is expecting to have a very busy and active year in 2014. Starting at our February 18 meeting the Centre is hosting Dr. Margret Kennedy and Dr. Barney Reeves to update their first year progress made at the Forks of the South Saskatchewan and Red Deer River. In March our guest speaker is our own member, Sheila MacDonald who will speak on her work and study of Native pottery.

On March 1 and 2 the Centre is holding another two day "Stones and Bones Archaeological Identification Weekend" at the Gem of the West Museum in Coaldale. Jack Brink and Bob Dawe will be in attendance to identify Native American artifacts. In addition, Dr. Chris Jass will be with us for the first time to identify bones and fossils. The response from southern Alberta in past years has been very positive with hundreds of artifacts having been brought in for identification.

Our Record in Stone Book continues to sell well within book stores and educational institutions. Museums in Saskatchewan and Alberta want to carry them in the spring of 2014. The book can be ordered from Jim McMurchy at 97 Eton Road West,

Lethbridge Ab. T1K4T9, telephone (403) 381-2655, e-mail jnemoc@telus.net The cost of a single copy is \$10.00 plus postage.

In April, Dr. Trevor Peck will be our featured speaker at our monthly meeting. He was to be our featured guest at our Christmas Dinner but it had to be cancelled because of severe weather. He will be discussing with us his book "Light from Ancient Campfires: Archaeological Evidence for Native Lifeways on the Northern Plains." The monthly meeting is as always open to the public and students are encouraged to attend. We believe that having open monthly meeting has greatly grown our membership and as a consequence our membership base continues to remain strong and active.

Our newly elected executive is busy planning 2014 activities and programs. The proposed lectures, field trips and educational series serve to keep the Lethbridge Centre in the public eye. Youth activities are a priority and will be given special attention. Members from other Centres are always welcome to any of our events.

Stones and Bones Weekend

The Archaeological Society of Alberta, Lethbridge Centre
is hosting an artifact and fossil identification weekend at the

Gem of the West Museum

1306 – 20th Street

Coaldale, Alberta

Saturday, March 1, 2014 – 10:00 am to 4:00 pm

Sunday, March 2, 2014 – 11:00 am to 3:00 pm



THERE IS NO CHARGE FOR THIS EVENT

Bring your arrowheads and other stone tools as well as any fossils or bones you may have for identification. Archaeologists and a paleontologist from the **Royal Alberta Museum** will be available to discuss your discoveries.

There will also be flint knapping demonstrations on Saturday as well as pottery making demonstrations both days and other displays.

For further information, please contact:

John Easton at 403-327-0523 or

Jim McMurchy at 403-381-2655

Partial funding for this event has been provided through the Alberta Historical Resources Foundation and the Alberta Gaming and Liquor Commission.

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The Historic Clay District of Medicine Hat: Long Term Conservation Strategies and Emergency Management Planning

by Talva Jacobson, ASA Southeastern Centre & Medalta's Resident Archaeologist

This year's series of meetings began with a look back at how the flood of June 2013 impacted many archaeological resources at the Medalta Potteries National Historic Site in the Historic Clay District. The Historic Clay District of Medicine Hat contains various buildings and structures associated with the city's historic clay industries; they include Medalta Potteries National Historic Site, Hycroft China Provincial Historic Resource, Alberta Clay Products, National Porcelain, and The Medicine Hat Brick and Tile Co. Provincial Historic Resource. This district protects hundreds of artefacts, an extensive collection of historic crockery, intact kiln structures, essential documentation, numerous archaeological features, bricks, and machinery that span an industrial period of over 100 years. Once abandoned relics, these sites, and their ceramic remains, have been given designation because of how they represent Alberta's early development, the activities, and investments made by people who contributed to the Province's early role in western Canadian industry.

Talva Jacobson, Medalta's Resident Archaeologist and a PhD student at Michigan Technological University, is working alongside staff members to re-stabilize the site after waters impacted both Medalta Potteries and The Medicine Hat Brick and Tile Co. on June 24th. Talva is monitoring the decontamination procedures, recovery, and rebuilding efforts associated with the historic resources and kiln structures. The information gathered from this process will be used to create a long

term conservation strategy and an emergency management plan for these sites. The emergency strategy for these historic industrial sites will have a community component. Talva hopes to facilitate a local volunteer initiative, with skills in archaeology and history, to act as emergency responders, with the sole purpose to help the staff at Medalta prepare the remains at the site when flooding is imminent. As this group grows it could have the potential to include many vulnerable sites in Medicine Hat. The reality is that flooding is a fact of life for many in Southern Alberta, and with every flood, waters will continue to erode our historic resources. For now, the concept is in its preliminary stage, but those who are interested can contact Talva Jacobson at Medalta to learn more. The volunteers will be trained on how to prepare the remains against water damage, what type of landscape Medalta and The Medicine Hat Brick and Tile Co., sits upon, what kind of flooding is experienced at the site, how to record emergencies and damage in order to use the information as contributions to strengthening the sites emergency management plan. It was a positive meeting which generated many ideas and allowed us to consider our roles in preserving this unique community and its heritage.

*Please direct comments or questions to:
Talva Jacobson talva@medalta.org
403-529-1070*



1912 Spindled Down-draught Kiln in Building No. 13, Medalta Potteries National Historic Site (Photo by Jacobson 2011)



Archaeology Beyond the Academy



The University of Calgary's Department of Archaeology and the Association of Consulting Archaeologists are proud to host a new talk series aimed at filling the gap in interaction between the academic and consulting communities in Alberta and elsewhere.

Talks will be held every other Thursday from 4-5 PM on the University of Calgary campus beginning on 30 January. Look for announcements and mark your calendars for talks to be held on the following dates during the Winter 2014 term:

30 January, 13 February, 27 February, 13 March, 27 March, 10 April

2014 Flintknapping Workshops

Archaeological Society of Alberta - Calgary Centre

March 8 & 9 at the University of Calgary

For further information, please contact: asacalgary@yahoo.ca

Strathcona Archaeological Society

March 15 & 16 at the University of Alberta

The workshop will be led by Tim Rast, an expert flintknapper and artifact reproduction specialist from the Elfshot Gallery and Sean Lynch, a University of Alberta MA graduate and experienced knapper. The first day will be a general introduction to flintknapping. The second day will be a project-oriented workshop, in which participants will build a stone drill and ground slate ulu.

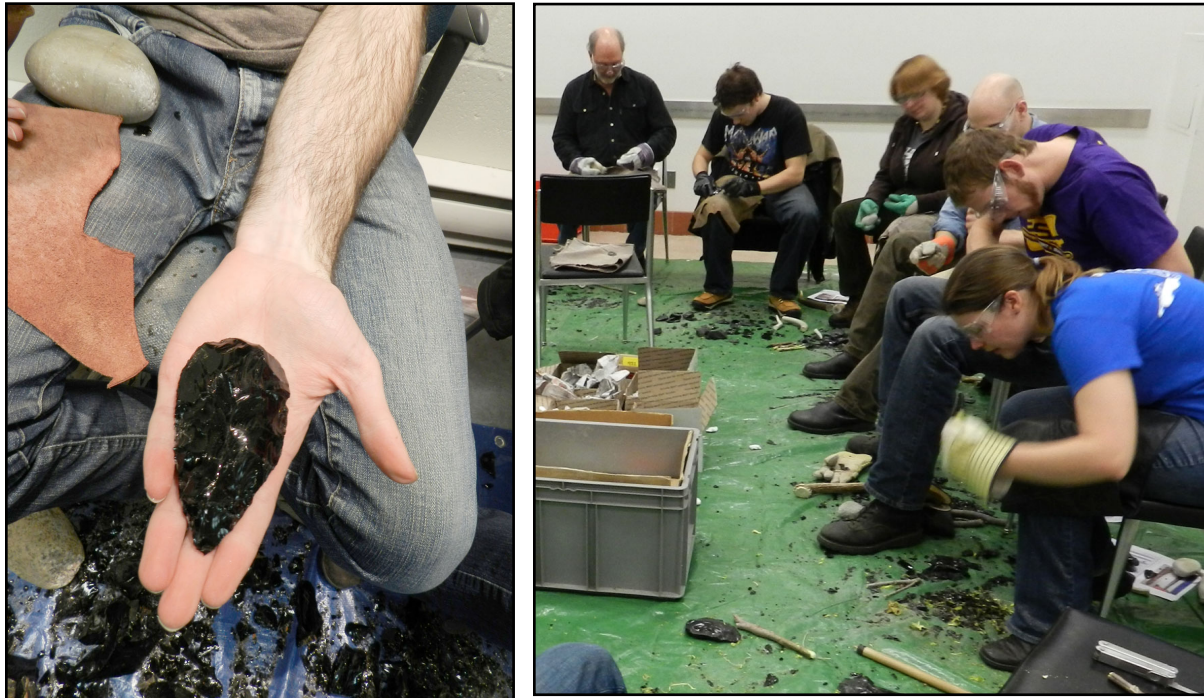
For further information or to register, please contact: Kurtis Blaikie: kurtis@treetime.ca

Bodo Archaeological Society

March 17, 6:30 pm to 9: 30 pm at the Provost Museum, Provost, AB

The workshop will be led by Tim Rast and will provide a general hands-on introduction to flintknapping.

For further information or to register, please contact: Christie Grekul: cgrekul@shaw.ca



Photos courtesy of Tim Rast, Elfshot Sticks and Stones. <http://elfshotgallery.blogspot.ca/>

2014
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THURSDAYS AT 11:00AM IN THE ROYAL TYRRELL MUSEUM AUDITORIUM | FREE!

DATE	SPEAKER	TOPIC
Jan. 9	Eric Snively University of Wisconsin - La Crosse	Theropod Feeding: From Falcons to <i>T. rex</i>
Jan. 16	Tyler Eddy Royal Tyrrell Museum	Aventura Argentina
Friday, Jan. 24	Mélanie Cousineau University of Ottawa	Sulfur Isotopes Reveal Peak of Deccan Volcanism Postdates Cretaceous-Paleogene Mass Extinction
Jan. 30	Donald Henderson and Chris Capobianco Royal Tyrrell Museum	To Hay River and Back: Fieldwork on a 370-Million-Year-Old Beach in the Northwest Territories
Feb. 6	Don Brinkman Royal Tyrrell Museum	Nonmarine Teleost Fishes from the Late Cretaceous and Early Paleocene of the Western Interior of North America: Evidence from Vertebrate Microfossil Localities
Feb. 13	Lorna O'Brien University of Toronto	Burgess Shale Fauna
Feb. 20	Tim Schowalter Biological and Educational Services, Delia	Do Owls Randomly Sample Local Small Mammal Populations? Mammals of the Drumheller Region Revisited After 20 Years
FEB. 27	TO BE ANNOUNCED	
Mar. 6	Victoria Arbour University of Alberta	Who-oplocephalus? <i>Euoplocephalus!</i>
Mar. 13	Bhart-Anjan Bhullar Harvard University	Evolution, Development, and Origin of the Bird Skull
Mar. 20	Murray Gingras University of Alberta	Trace Fossils
Mar. 27	Kevin Campbell University of Manitoba	Back from the Dead: Resurrecting Physiological Traits from Long-Extinct Species
Friday, Mar. 28	Susanne Cote University of Calgary	Before Lucy: Fossil Monkeys and Apes from the East African Rift Valley
Apr. 3	Julius Csotonyi	How Did Life First Find a Way? A Review of the Scientific Evidence
Apr. 10	Alexandra Lefort University of Tennessee	The Many Faces of Water on Mars and the Potential for Martian Life
Apr. 17	David DeMar University of Washington	Lizards and Amphibians at the Cretaceous-Tertiary Boundary
Apr. 24	Grant Young University of Western Ontario	Precambrian Glaciations and Snowball Earth

Visit tyrrellmuseum.com for more information





ARCHAEOLOGICAL NEWSLETTER

Issue No 9: April & May 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

Stone Tool Tour of Central Alberta

by Tim Rast, Elfshot

For ten days in March I had the opportunity to work with students, professionals, and avocational archaeologists in a series of flintknapping workshops, demonstrations, and talks held in central Alberta and Saskatchewan. We packed five days of workshops, two flintknapping demonstrations and two public talks into the trip, so there was absolutely no time to get bored.

I'm originally from southern Alberta (I grew up on a farm near Vulcan) and although I didn't make it back to Vulcan on this trip, it was still good to be home. I learned to flintknap at the University of Calgary as an undergraduate in the mid-1990s and I moved to St. John's, Newfoundland and Labrador in 1996 for the graduate program at Memorial University of Newfoundland. I stayed on the east coast and continued to work as an archaeologist and create artifact reproductions for museums, universities, and the public through a small business called Elfshot. I brought a few of my reproductions based on artifacts from the Arctic and northeastern North America along for the tour and rolled them out at each of the stops.

The first workshop was a two day event held over the weekend of March 15-16 in Edmonton in the University of Alberta's Anthropology Department. I am very grateful to have been invited to participate in this event for the second year in a row, and I'm especially grateful for the hard work of Strathcona volunteers, Kurtis Blaikie, Peter Kirchmeir, Sean Lynch and more who kept everything running smoothly.



Strathcona workshop participants making flaked stone tools on day 1 of the workshop.

We had a good turnout on Saturday and even more people participated on Sunday. On the first day we covered the basics of flintknapping, including hard hammer percussion, soft hammer percussion, and pressure flaking. On Sunday people used what they had learned the day before and knapped and hafted their own stone drills and then used them to make chipped and ground slate ulus. I picked up two types of slate at Lowe's when I got into Edmonton on Friday and one variety was reasonably soft. However, the one that most people wound up using was extremely tough. The end products were very sharp, durable ulus, but it was grueling work to get them all done by the end of the day. Slate of this toughness is on the edge of the capability of an obsidian or dacite drill bit, which is good to know. It was possible to drill the holes, but the volcanic glass drill bits became worn and polished very quickly and needed frequent re-sharpening.

The next day, I darted out to Provost to facilitate a Monday night workshop organized by the Bodo



Strathcona workshop participants working hard to make ulus on day 2 of the workshop.

Archaeological Society, especially thanks to the hard work of Christie Grekul and Courtney Lakevold. More often than not, the workshops that I lead take place in classrooms, but in Provost we used the community museum. I loved the setting. We pushed aside the tables and chairs and threw down a tarp amongst the antiques, local memorabilia, and display cases and spent the evening knapping stone tools the way people in the area would have done thousands of years earlier. We could draw on the local artifacts for inspiration and there were a lot of little corner-notched and side-notched points produced that night that were only a couple hundred years too late to take down a bison.



Flintknapping workshop in the Provost Museum.

On Tuesday, I was back in Edmonton for a demonstration and chat with archaeology and anthropology students at Grant MacEwan University. Franca Boag organized the session and while I knapped a biface and chipped a small arrowhead we talked about experimental archaeology and how much of the pre-contact archaeological record is lost to us. Often, only the stone tools and debitage remain. It's a cruel twist of fate that the one line of evidence that archaeologists can confidently rely on being preserved is the result of an obsolete and all but forgotten craft.

On Wednesday, the Red Deer centre hosted a talk called "Recreating the Arctic: The Story of an arrow, harpoon, and drum". I spoke about a driftwood arrow, based on 4500 year old artifacts from northern Ellesmere Island, a toggling harpoon, based on a 2900 year old tamarack shaft found in a bog in Newfoundland, and a tiny shaman's drum from the north end of Baffin Island that likely dates to more than 1000 years ago. It was a small, but enthusiastic turnout and they indulged me with lots of questions and interesting conversations around the three reproductions spanning the 3500 year long Palaeoeskimo time period in the Eastern Arctic. My thanks go to Larry Steinbrenner for organizing the evening.

That was it. The time flew by and as quickly as it began, the Alberta leg of the trip was over. I drove through a blizzard to the Edmonton Airport on Thursday to catch a plane to Saskatoon to do it all over again – workshop, demonstration, and talk at the University of Saskatchewan.



The finished product: obsidian projectile points.



The finished product: a slate ulu.

The Strathcona, Bodo, and Red Deer centres of the Archaeological Society of Alberta, along with Grant MacEwan University and the University of Alberta sponsored and organized the Alberta leg of the tour. The tour continued in Saskatchewan with assistance from the Saskatchewan Archaeological Society, Saskatoon Archaeological Society, Saskatchewan Association of Professional Archaeologists, and the University of Saskatchewan. In addition to being the principal organizer for the Edmonton workshop, Kurtis Blaikie deserves special recognition for drumming up interest and coordinating with the local organizers in Alberta as well as the organizers in Saskatchewan to ensure that the events went off without a hitch. I am very grateful to the Archaeological Society of Alberta for bringing me home for such a rewarding experience.

*Photos by Tim Rast. Visit Tim's online blog:
<http://elfshotgallery.blogspot.ca>*

Stones and Bones Weekend

by Jim McMurchy, ASA Lethbridge Centre

Despite the cold and snowy weekend of March 1 and 2, 2014, the Archaeological Society of Alberta Lethbridge Centre hosted a successful weekend event at the Gem of the West Museum, Coaldale. The event drew approximately 200 visitors on Saturday and nearly 100 visitors on Sunday.

Lethbridge Centre has hosted this event or similar events for over twenty five years on a more or less bi-annual basis in a variety of locations with the last three weekends being held in Coaldale. This year's event drew people from Three Hills, Vauxhall, Taber, Brocket, Standoff as well as locals from Coaldale, Lethbridge and other areas.

A wide variety of stone tools and projectile points were brought in to have examined and explained by our professionals, Jack Brink and Bob Dawe, archaeologists from the Royal Alberta Museum. Besides artefacts collected in the area, there were

some projectile points that had been collected in Ontario and BC brought in for identification. Historic artefacts brought in included a variety of beaded rawhide gloves from the early 1900s as well as a carved wooden doll.

In addition to the two archaeologists, we also had Chris Jass, Curator of Quaternary Palaeontology with the Royal Alberta Museum, in attendance. Chris brought with him casts of skulls from extinct mammals and teeth from a mammoth and mastodon for display. He provided his expertise in identifying bones, fossils and other materials brought in to the event by our visitors.

Sheila Macdonald, a member and MA candidate at the University of Lethbridge, put on a display of pottery making over the two days which proved quite popular with the visitors. She made replicas of pots similar to those made by the First Nation



Specialists from the Royal Alberta Museum inspect a variety of artifacts and fossils brought in by the public.

people prior to the coming of European traders. On Saturday, Terry Quinn put on a demonstration of flint knapping which also proved very popular. Other displays of archaeological material were provided by the University of Lethbridge and several Lethbridge Centre members.

Visitors to the event also were given the opportunity to tour the museum and see the wide variety of other museum exhibits during the day including the impressive First Nations Gallery.



Sheila Macdonald demonstrates pottery making.



Jack Brink inspects artifacts.

Lethbridge Centre would like to thank Sheila and Terry as well as their members who volunteered their time and efforts to make this event the success that it was. Thank you is also extended to the Gem of the West Museum for providing the venue.

Photos by John Easton.

Please direct comments or questions to:
Jim McMurphy: jnemoc@telus.net

Heritage Awards 2014 Alberta Historical Resources Foundation

The Alberta Historical Resources Foundation is now accepting nominations for **Heritage Awards 2014**. Heritage Awards are presented to recognize and celebrate the significant contributions of individuals, organizations, corporations, and municipalities to the protection, preservation and promotion of Alberta's heritage.

Awards will be presented in the following categories:

Heritage Conservation Award, for projects that demonstrate excellence in the conservation of a historic place or excellence in the conservation and interpretation of palaeontological and archaeological resources.

Heritage Awareness Award, for research, publications or public engagement projects that have deepened our understanding of Alberta's heritage and promoted greater awareness of our province's remarkable past.

Municipal Heritage Preservation Award, recognizes a municipal government for exemplary commitment to heritage conservation through the identification, protection and promotion of their historic places.

Outstanding Achievement Award, recognizes an individual's exemplary long-term leadership and contribution to the preservation and presentation of Alberta's history.

**Deadline for nominations is
July 15, 2014.**

Submit nominations to:
Heritage Awards
Alberta Historical Resources Foundation
8820-112 Street
Edmonton AB T6G 2P8

Guidelines and nomination forms are available at www.culture.alberta.ca/ahrf.

If you have any questions, contact
Program Coordinator at 780-431-2305.



Alberta
Government

39th Annual Meeting of the Archaeological Society of Alberta

hosted by the Bodo Archaeological Society in Bodo, Alberta

May 9 to 11, 2014



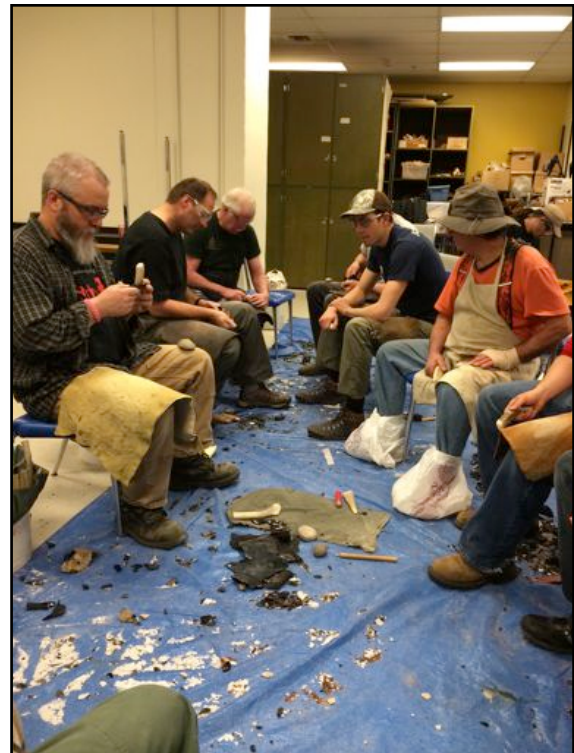
Visit the website for more details of the event & to download the registration package

www.bodoarchaeology.com

2014 Calgary Centre Lithics Workshop

by Devin Hill, ASA Calgary Centre

The 2014 Lithics Workshop was held on March 8th and 9th, and was a sold out event. There were a lot of new faces this year, as well as some familiar friends. Emotions followed the usual progression; enthusiasm turned into frustration and blame, then into a twinkle of realization, which finally merged into a warm, fuzzy feeling of transcendental oneness with every flintknapper who ever lived. A few seasoned experts dedicated much of their time to speeding up the learning process for those just getting a feel for things. Looking around the room, one could truly get a sense of humanity's early attempts at tool making. Some of us were mastering earlier time periods than others, which created a fascinating cross-section of technological development and some truly impressive debitage scatters.



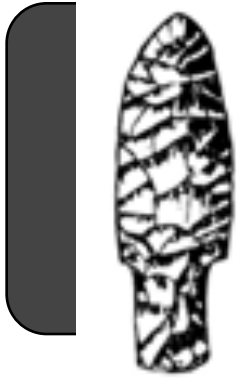
Flintknapping in progress.



Jason Roe instructing the flintknapping class.

A sincere thank-you goes out to Jason Roe for being such a dedicated advocate of his craft and instructing out course, to Mike Turney, Tamsin McRobbie, and Pete Truch for working so hard to organize this event and for lending a helping hand throughout the day, and to the band of jaunty knappers, especially Terry Quinn and Rick Rowell, who were always ready to provide assistance and instruction wherever a stone could be heard suffering.

Photos by Michael Turney.



ARCHAEOLOGICAL NEWSLETTER

Issue No 10: June & July 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

The 39th Annual Archaeological Society of Alberta Conference and AGM

by Peter Kirchmeir and Courtney Lakevold

This year's annual ASA conference and AGM was hosted by the Bodo Archaeological Society from May 9-11, 2014. The weekend kicked off on Friday afternoon with a tour of the Bodo Site and Sandhills, led by Bodo's project archaeologist Christie Grekul. This site is where Bodo's public participants get to try their hand at excavation and where school groups and kids camps can witness archaeology first hand. Following the site tour there was a reception and registration at the historic St. Norbert's Rosenheim Church. This church is located on a quiet dirt road about halfway between Provost and Bodo and is the largest Neo-Gothic Church in Alberta. The Rosenheim Historical Society, who has put a great deal of work into restoring the Church, gave tours of this beautiful building throughout the evening. People also had a chance to socialize and meet their fellow ASA members from throughout the province!

The speaker sessions kicked off at 9 am on Saturday morning. New finds, in particular in the arctic areas in Nunavut, were presented generating much excitement. Deanna McAvoy, Brooke S. Milne, Robert S. Park and Douglas R. Stenton are determining Pre-Dorset cultural exploitation of the game prowling the cold arctic wastes. The final result shows that there are sites close to the shoreline as well as camps in the far interior. More exiting camping trips up there are

planned and the sand flies, mosquitoes and other bugs are duly warned to beware the intruding researcher!

The Boreal Forest once was presumed to have scanty artifacts. After all, the game was far and wide and scarce and the climate forbidding. However, ever since the Oil Patch expanded up there, a large number of sites and many lithic artifacts have emerged from their hiding places. The same is true of the Far North Arctic sites. Krista Gilliland and Robyn Woywitka presented their findings on site formation based on stratigraphic methods. This new approach shows great promise in helping to understand how humans impacted this environment. Laura Roskowski-Nutall maintains that spread-out sites combined with a few scarce animal bones and close-by projectile points point the way to our understanding and dating these well hidden sites on the more horizontal spots in this muskeg ridden land form.

Kurtis Blakie-Birkigt, is in the middle of a shovel test study trying to determine the most effective screening method for 'soil prospection.' This method was applied to boreal forest soil sites, over 5000 of them. Some archaeologists must have gotten sore backs! The experiment was successful, but more shovel tests must be reported for a strong methodology to emerge from all this dirt shifting.

Buffalo, or rather *Bison bison bison*, have a pride of place on the Great Canadian Plains. Matthew Moors reported on his excavations near Hardisty of a newly discovered buffalo pound. Post holes from the logs used to form the bison fence, were dug up on the edge of a gully. These are exceptional. Paintings from the middle to late 1800's show such structures; but finding archaeological remains of shallow wooden holes is very rare in a prairie context.

Another especially novel topic and interesting report was given by Dr. Bob Dawe, of the Royal Alberta Museum. Four carved bison statuettes from Central Alberta were described. These are the only zoomorphic sculptures found in Alberta Fields. Only seven others have been reported, and they are at the edge of the prairie ecotone in the north. Inniskim, a fossilized ammonite concretion, are a natural sculptural form that resembles a buffalo. None-the-less, these do not form an artistic class. Karen Giering, also of the Royal Alberta Museum, talked about mauls that have been recovered in Alberta and studies involving residue analysis that have shed light on what these mauls were used for and in turn, what that can tell us about people's diets.

Alberta's provincial parks system holds 475 sites, according to Andrea Richardson. Some of these are impacted by development proposals each year. Alberta Tourism, Parks and Recreation conduct studies of the proposed areas. Many of these lands have proved negative in terms of artifacts. This has caused much discussion as to the assessment methodology used. But, there actually may be nothing to find. That is always a sad conclusion for those who toil and moil in the dirt.

Brian Vivian, Shari Peyerl, Pete Truch and Sue deCaen introduced five years' worth of research on the Glenbow Town and Quarry, in Glenbow Village. Archival research and maps and ground searching have provided a couple of pictures that may or may not show the Bunkhouse. Never say quit to an archaeologist. No evidence is a spur to find something, anything that will further our

knowledge of the human past. These intrepid people and more volunteers from Calgary plan on more and more time on the banks of the river and in the bush thereon.

Medicine Wheels and stone features were discussed by Brian Reeves and Margaret Kennedy in regards to their current project at the forks of the South Saskatchewan and Red Deer Rivers. Questions examined were: how big a stone circle makes a medicine wheel and are all wheels circular?

Thanks to all of the speakers who shared their interesting work and research with us! There were also several fantastic poster entries that showcased a lot of neat projects occurring throughout the province. Thank you to everyone who submitted a poster!



Field trip crowd preparing to explore the Misty Hills on Sunday May 11, 2014.

To get everyone up and moving after a day of presentations we had a short lesson on the game of Bunnock and got a few games going out in the yard by the Bodo Interpretive Centre. Bunnock (Bones) is a game that is very popular in this region of Alberta/Saskatchewan. The game originated in Russia and was brought to Canada in the early 1900's by Russian and German immigrants. The game is played with 52 horse ankle bones divided into soldiers, guards and throwers. Each team sets up their soldiers and the

object of the game is to knock down all of the other team's bones using the throwers. The neighbouring town of Macklin, SK hosts the World Bunnock Championship every summer. After (a lot) of missed shots people started to get the hang of it and there were some exciting games happening!

The Annual AGM was held Saturday afternoon. Revisions to the bylaws were passed (they will appear in an upcoming edition of the Archaeological Review) and a new executive was elected. Sheila Johnston was elected President, Brian Vivian for President-elect and Jim McMurchy will stay on as the Secretary/Treasurer. Dan Meyer will continue on as Editor of the Review and Renee Spohn will be the Financial Auditor.

Saturday evening's banquet started out with cocktails provided by Ribstone Creek Brewery, a small microbrewery located in Edgerton, AB. Don Pare, one of the founders of the company, came out to personally serve a selection of their beers to the archaeology crowd. After a wonderful meal, the silent auction results, the raffle winners and the poster prize winners were announced. Congratulations to Todd Kristensen and Alwynne Beaudoin whose poster, as part of the 2014 Heritage Art Series, was voted as the winner for the Association of Consulting Archaeologists best poster prize for their work entitled "Ecological Catastrophes in Alberta's Past, The Mazama Ash Fall"!

Following this, our Guest speaker Mr. Bruce Cutknife, Indigenous Education Co-ordinator for the Nipisihkopakh Education Authority spoke. The topic: Indigenous Place Names. Colonizers immediately apply their names to places that they settle, despite the fact that these places already have names. His research group is attempting to compile a comprehensive list of pre-contact place names as well as presently used names by the First Nation, names which are parallel to the contemporary names. Use of Cree syllabics, people's diaries, official reports and oral histories

have shown that some 'new' names are not as evocative of the places as Cree or other First Nation names.

Sunday's field trip was led by Heinz Pyszczyk. The theme of the trip was pebble chert extraction areas and consisted of three planned stops: The Misty Hills Quarry site, the Consort Quarry and the "Nose of the Buffalo". Thirty-four people took part in the field trip. Our first stop, the Misty Hills, is in a beautiful area southeast of Consort. The hills were formed by the push of an advancing glacier and they are rich in archaeological sites including pebble chert extraction areas, workshops and campsites. The Consort Quarry is a unique site characterized by a series of holes in the ground (possibly a glacial phenomenon) that exposed large amounts of chert pebbles. These pebbles were collected by people in the past as raw material for stone tools. The "Nose of the Buffalo" is a prominent hill on the west edge of the Neutral Hills and is yet another area dense with archaeological sites including pebble chert extraction sites. These sites are also linked by their presence on an important historical map drawn by Kioocus in 1802. We also got a very exciting demo of the new Royal Alberta Museum drone!

Overall, it was a great weekend with a great group of people who made it that much more by enjoyable! Thanks to everyone who made the trip out to Bodo, to the speakers and poster presenters and to the BAS volunteers and members who spent time planning the conference and making sure the weekend went smoothly. Another BIG thank you to the conference sponsors: Alberta Historical Resources Foundation, Archaeological Society of Alberta, Tree Time Services, Stantec, Western Heritage, Lifeways of Canada Ltd., Turtle Island CRM, Golder, Canalta Hotel Provost, Ribstone Creek Brewery, Association of Consulting Archaeologists, GMH Architects and Maverick Oilfield Services.

We look forward to next year's 40th Annual Conference and AGM which will be held in Olds, AB!

ASA Field Trip: Buffalo Lake Metis Wintering Site

June 14, 2014 at 10:30 am

Join the Archaeological Society of Alberta at the Buffalo Lake Metis Wintering Site. The U of A is hosting a field school at this site and there will be lots to see and learn! Field school instructor, Kisha Supernant will show everyone around the site.

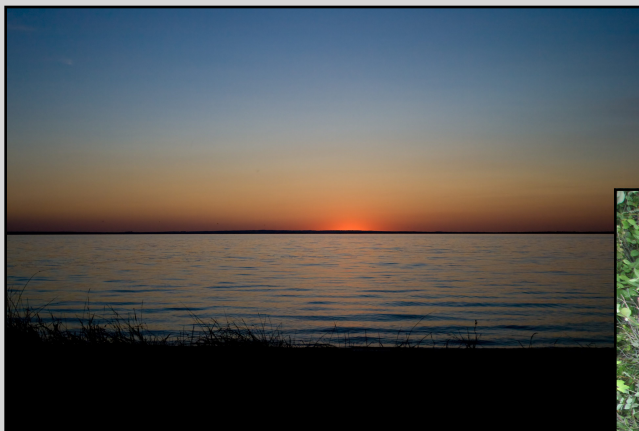
All participants will meet at the Campground (where the field school is camping) and everyone should bring a bagged lunch. Field school instructor, Kisha Supernant, will meet everyone at the lake shore in the campground at 10:30 am. We will walk from the campground to the site - about 10-15 min walk. If people have limited mobility, we could also drive one vehicle over, but there isn't room for everyone's vehicles to park near the site.

The Buffalo Lake Métis Wintering site is an extensive historic site on the shores of Buffalo Lake, east of Red Deer, Alberta, Canada. During the winters of 1872-1878, up to 800 individuals, mostly Métis hivernant families, built cabins and hunted bison along the shores of the lake. Métis wintering was a practice that gained importance during the latter half of the 19th century as bison herds dwindled and people had to move further and further west to follow the remaining herds. Archaeologically, wintering sites provide one of the best examples of Métis specific lifeways during the 1800s, as the large majority of people at wintering sites would have been Metis. The wintering site at Buffalo Lake is the most extensive and well preserved wintering site in Alberta and perhaps in the Canadian West. Excavations and mapping activities at the site this summer builds on previous work done in the 1970s and will explore areas of the site adjacent to, but not inside, wintering cabins.

Pre-registration is required so we have an idea of how many people to expect.

Please contact cgrekul@shaw.ca to register.

Directions to Buffalo Lake - <https://mapsengine.google.com/map/edit?mid=zfrZ4LfExOv0.kuPjLRahO1yU>



New Publication:
Old Man's Playing Ground by Gabriel Yanicki

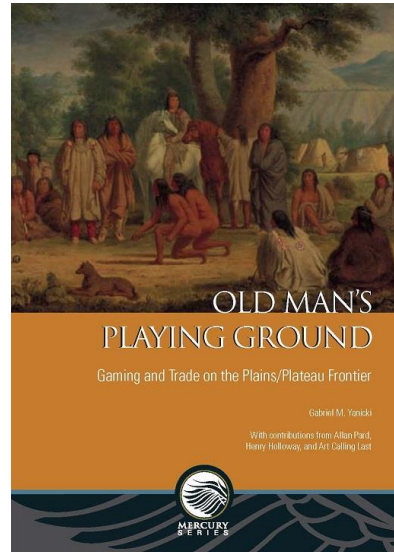
Old Man's Playing Ground

Gaming and Trade on the Plains/Plateau Frontier

by Gabriel Yanicki
with contributions from Allan Pard, Henry Holloway and Art Calling Last

When Hudson's Bay Company surveyor Peter Fidler made contact with the Ktunaxa at the Gap of the Oldman River in the winter of 1792, his Piikáni guides brought him to the river's namesake. These were the playing grounds where Napi, or Old Man, taught the various nations how to play a game as a way of making peace. In the centuries since, travellers, adventurers, and scholars have recorded several accounts of Old Man's Playing Ground and of the hoop-and-arrow game that was played there.

In this work, oral tradition, history, and ethnography are brought together with a geomorphic assessment of the playing ground's most probable location — a floodplain scoured and rebuilt by floodwaters of the Oldman — and the archaeology of adjacent prehistoric campsite D1Po-8. Taken together, the locale can be understood as a nexus for cultural interaction and trade, through the medium of gambling and games, on the natural frontier between peoples of the Interior Plateau and Northwest Plains.



Canadian Museum of History/University of
Ottawa Press 2014
ISBN 978-0-7766-2138-8
271 pp., 81 illustrations, 17 x 24 cm
paperback, \$65

Edmonton-based archaeologist **Gabriel Yanicki** first began tracing the footsteps of HBC explorer Peter Fidler in 1998. He is currently completing his doctorate at the University of Alberta.

To order this book

Publications of the Canadian Museum of History may be ordered from any fine bookshop or directly from the Museum's mail order department, as follows:

- **Online:** cyberboutique.civilization.ca
- **E-mail:** publications@historymuseum.ca
- **Phone:** 1-800-555-5621 (North America) / 819-776-8387 (National Capital Region)

All trade orders for this publication must be directed to the University of Ottawa Press:

- **Online:** www.press.uottawa.ca
- **E-mail:** puo-uop@uottawa.ca
- **Phone:** 1-613-562-5246



Archaeology Volunteer Opportunity

The University of Calgary is offering a volunteer excavation program at Blackfoot Crossing Historical Park this summer. Participants will excavate alongside members of the Archaeology Field School at the famous Cluny Fortified Village site. First time participants will receive a tour of the Blackfoot Crossing Historical Park Interpretive Centre and an introductory tour of the archaeological site. Volunteers will be supervised by experienced University of Calgary graduate students.

The program will operate from 10 July to 14 August, 2014, Monday–Friday (a weekend program is being developed). Cost consists of the daily admission fee to Blackfoot Crossing Historical Park (\$12.00 + GST). Participants will meet with volunteer program supervisors at the Blackfoot Crossing Historical Park Interpretive Centre parking lot at 9:00 AM each day—please note that, due to last year’s flood, there are no overnight accommodation facilities at the park this year.

After 01 June, 2014, please telephone 403-220-8537 or email pubarky@ucalgary.ca for further information or to register.



Archaeology Week

Bodo Archaeological Center & Site

June 23 to 27, 2014

Tuesday June 24: Bodo Night at the Museum, Provost Museum

***Stones & Bones:** Everyone is welcome to bring in their artifacts – arrowheads, stone tools, fossils to be identified by experts.*

***Glow in the Dark Excavation:** Kids can excavate their very own glow in the dark arrowhead! Learn the ins and outs of prehistoric hunting technology.*

All ages welcome. 4:30 pm to 8 pm

Wednesday June 25: 13th Annual Bodo Open House

Every wonder – What is going on in Bodo, AB? Visit the Bodo Archaeological Center to find out why the educational programs, tourism opportunities, and research are so important to our community. Guided tours are free. The BBQ will be on and bison burgers will be made to order with all the fixings (fee charged for supper). Last site tour will be at 7:00 pm.

All ages welcome. 4:30 pm to 8 pm

Thursday June 26: Kids Archaeology Night

All kids – Ages 3 to 13 welcome! Entertaining and educational archaeological related activities. Visit the archaeological site and an ancient bison rubbing stone. At 6 pm we will roast hot dogs and make bannock over the open fire. Entry fee is \$5 per kid (includes food). Adult participation is by donation.

4:30 pm to 8 pm



www.bodoarchaeology.com
bodo@bodoarchaeology.com
780.753.6353



Sponsored by:





ARCHAEOLOGICAL NEWSLETTER

Issue No 11: August & September 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

Archaeological Society of Alberta Calgary Centre: Public Outreach

by Andrea Richardson

The Archaeological Society of Alberta Calgary Centre has been busy with public programming and outreach during July. On the weekend of July 19 and July 20, the ASA Calgary Centre participated in Alberta Parks Day at Glenbow Ranch Provincial Park and Bow Valley Provincial Park. Information tables at both parks reached hundreds of members of the public that would

not ordinarily be exposed to archaeology. The Alberta Parks Day events took in tourists, long-time residents of Alberta and new immigrants of all ages.



Answering questions at the Bow Valley Park Day.



Sheila Johnston at the information table at Glenbow Ranch Provincial Park.

The week of July 25 to August 4, 2014 was the 24th Annual Historic Calgary Week. The ASA Calgary Centre participated in this event with two tours that were open to the public. On Saturday, July 26, Shari Peyerl took a full tour of participants on one of her excellent tours of the Glenbow Town and Quarry at Glenbow Ranch Provincial

Park. On Wednesday, July 30, Brian Vivian guided a tour of the sandstone quarries of West Nose Creek with approximately 50 participants.

We have public outreach programs planned at events throughout the fall as well, so watch for us!



Brian Vivian regaling the crowd on the West Nose Creek quarry tour.

ALBERTA
CULTURE
DAYS.

September 26 - 28, 2014

Alberta Culture Days will showcase the province's arts, multicultural, heritage and nonprofit/voluntary organizations; creative industries and individual artists, while encouraging all Albertans to discover the important contributions of culture to a prosperous, vibrant society.

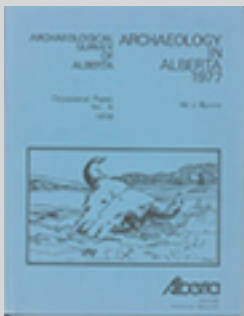
For more information visit:

<http://culture.alberta.ca/culturedays/>

Archaeological Survey of Alberta “Blue Series” Publications:

Available for Free to Download

<http://culture.alberta.ca/heritage/resourcemanagement/archaeologyhistory/publications/default.aspx>



Occasional Paper Series

The Archaeological Survey of Alberta Occasional Paper Series helps disseminate information to archaeological specialists in Alberta by featuring articles that examine the many aspects of archaeology in Alberta.



Manuscript Series

The Archaeological Survey of Alberta Manuscript Series helps disseminate information to archaeological specialists in Alberta by featuring monograph-length reports about large scale archaeological projects undertaken in Alberta.

***Inspired artworks give glimpse into Alberta's history; heritage:
An new series of paintings by Alberta artists will help to connect Albertans with the
province's ancient landscapes***
by Alberta Culture

<http://alberta.ca/release.cfm?xID=3681056006DD7-A0BC-1468-3634F545BA3C6F35>

The Heritage Art Series features four original artworks that are the result of the collaboration of Edmonton area artists working with Alberta Culture's Archaeological Survey and researchers from the University of Alberta and the Royal Alberta Museum.

"The Heritage Art Series demonstrates how culture is able to connect the past with the present and provide insights that can help guide us forward into the future. Through these exciting and creatively diverse works, Albertans can learn more about our natural world and the people, places and events that have combined to shape the Alberta identity."

- Heather Klimchuk, Minister of Culture

"As a gallery owner, I am excited to be part of a project that brings Alberta's history and culture to life through art. As an artist, the scene I depicted suited my painting style perfectly, allowing me to play with paint and colour to create the dramatic sky that must have been viewed after the Mazama Ash Fall. This project has introduced the other artists and me to some fascinating historic events that I had no knowledge of before this painting but am now interested to learn more about."

- Karen Bishop, Artist/Co-owner, Daffodil Gallery

The diverse artwork is shown in a poster series that took top honours in a recent competition hosted by the Archaeological Society of Alberta. Development of the posters presents opportunities to share the artwork and historical stories they tell. The series will also help to illustrate the importance of heritage preservation and conservation.

Works in the Heritage Art Series include:

Rock Art by [Anne McCartney](#)



Writing-on-Stone Provincial Park is nestled into the winding valleys and coulees along Milk River in southern Alberta. The park is a rocky canvas of ancient and historic art that spans many centuries.

Anne McCartney's layered painting of the Milk River Valley shows a looming sandstone cliff that has witnessed a steady flow of First Nations, traders, miners, explorers, and farmers passing through the valley and a rock art panel depicting important events in the deep past.

Mazama Ash by [Karen Bishop](#)



The Mazama Ash scene painted by Karen Bishop depicts a surreal landscape in southern Alberta as it might have looked 7,600 years ago following a major volcanic eruption. The large amount of airborne particles would have caused intense lightning storms as well as dramatic sunrises and sunsets.

Ice Fishing by [Jenny Keith](#)



The ice fishing scene painted by Jenny Keith celebrates the ingenuity of Aboriginal winter fishing adaptations, the importance of organic tools and the contribution women made to traditional diets.

The piece is a symbolic representation of the relationship between people and fish. It depicts a woman teaching her daughter how to hear the story of fish who are circling below the ice.

Cabins by [Gregg Johnson](#)



Artist Gregg Johnson captures the solitude of the trapper's life and the beauty of the changing seasons in his watercolour "Cabins". The fur trade played a pivotal role in Alberta history and the archaeological and anthropological study of trappers' cabins reveals the rigours of fur trade life and the changing adaptations of First Nations and Métis people engaged in the fur trade.

Visit ***RETROactive: Blogging Albert'a Historic Places*** to read more about each artwork. Check the blog regularly for new releases.

<http://albertahistoricplaces.wordpress.com/>

ASA Buffalo Lake Métis Wintering Site Field Trip

by Christie Grekul

On Saturday June 14, 2014 the Archaeological Society of Alberta hosted a fieldtrip to the Buffalo Lake Métis Wintering Site, an extensive historic site on the shores of Buffalo Lake, east of Red Deer, Alberta. The U of A Department of Anthropology Archaeology Field Methods class took place at the Buffalo Lake Métis Wintering Site and the Kinsella Research Ranch from May 20 to June 20, 2014.

Over 30 people from around the province, including Ft. Mcleod, Calgary, Camrose, Maskwacis, Red Deer, Edmonton, Lacombe and beyond, attended the fieldtrip. Dr. Kisha Supernant, Assistant Professor, Department of Anthropology, U of A led the group of eager participants around the site and provided a detailed interpretation of the area based on the historical records and ongoing excavations.



Field trip participants gather around the historic cabin site that was being excavated by U of A students.

The Buffalo Lake Métis Wintering Site is a provincially designated historic site and is the most extensive and well-preserved wintering site in Alberta. During the winters of 1872-1878, up to 800 individuals, mostly Métis hivernant families, built cabins and hunted bison along the shores of the lake. Métis wintering was a practice that

gained importance during the latter half of the 19th century as bison herds dwindled and people had to move further and further west to follow the remaining herds. Archaeologically, wintering sites provide one of the best examples of Métis specific lifeways during the 1800s, as the large majority of people at wintering sites would have been Metis.



Six square meters of excavation underway of a Métis Wintering Site cabin.

At the time of the field trip, the field school had six square meters of excavation underway. This excavation was within a cabin that had been occupied for three winters. Artifacts recovered during the excavation included fragments of bison bone, nails, lithic tools and debitage and ceramics. Throughout most of the site the surface evidence of the cabins has been destroyed by cultivation. However, one of the focal points of Dr. Supernant's research is to understand the extent of the site by relocating cabin locations using both traditional archaeological excavation techniques as well as mapping and remote sensing techniques, such as magnetometry and GPR.

After a long and interesting hike around the site and many questions from participants everyone settled down on the shores of Buffalo Lake to enjoy the scenery and a picnic lunch.



View of a portion of the cultivated field where hundreds of cabins once stood.



Field trip participants hiking across the site.

The ASA would like to thank everyone who helped plan this field trip, especially, Dr. Supernant for taking the time to share her knowledge.



Archaeology Volunteers - Ft. Vermilion, Alberta

August 15th - September 15th, 2014, the Royal Alberta Museum, in conjunction with the University of Lethbridge, will conduct archaeological investigations at the NWC/HBC Fort Vermilion (c.1798-1830) site, northern Alberta.

We are still looking for volunteers to help us unravel part of northern Alberta's rich history. We have set up a base camp near the site and will provide everyone with food, equipment, and supervision. This camp is set up in an abandoned gravel borrow and we ask that volunteers bring their own sleeping accommodations (tents, trailers, motorhomes...).

For more information, please contact Heinz Pyszczyk either by phone (780-986-9467) or email (Heinz.pyszczyk@gov.ab.ca).



ARCHAEOLOGICAL NEWSLETTER

Issue No 12: October & November 2014

ARCHAEOLOGICAL SOCIETY OF ALBERTA

First Canadian Knap-In in Lethbridge, Alberta

Submitted by John Easton and Jim McMurchy

Photographs by Barry Rogers

In October 2013, the Lethbridge Centre was approached by Barry Rogers of Canmore, AB to see if the Centre would be interested in hosting the first ever Canadian Knap-In. A knap-in is where a group of interested individuals gather for a few days to practice the ancient art of flint knapping.

After some discussion, John Easton and Jim McMurchy agreed to look into hosting the event on behalf of Lethbridge Centre.

The first task was to decide on a venue for the event that was easily accessible and had available space not only for the knappers to ply their trade but to accommodate several recreation vehicles and tents. After considering several places, it was decided to approach Fort Whoop-Up National Historic Site to find out if they would be interested in co-hosting the event as they had the space for the knappers and their RVs and it was easily accessible to the general public. Fort Whoop-Up National Historic Site agreed to participate in the event and provide the venue.

Several meetings and numerous emails took place over the winter and a date of September 12 – 14, 2014 was chosen. Barry Rogers had a list and email addresses for known knappers in Canada

and the northern United States and he proceeded to notify them of the planned event. Lethbridge Centre advised the other ASA Centres of the event and it was also publicized in Alberta Archaeological



Newsletter and the Saskatchewan Archaeological Society Newsletter and through social media.

The event took place on the scheduled weekend with over 50 knappers registered. Knappers came not only from several Alberta locals but Saskatchewan, BC, the states of Montana, Oregon, Idaho and Washington. Fortunately the weather co-operated for the event as the previous weekend southern Alberta was hit by an early snowfall.

While no formal lessons were provided, members of Lethbridge Centre were able to sit down with some of the experienced knappers and obtain informal training in the ancient craft.

Lethbridge Centre had a display table set up during the event.

The event proved to be successful as over 350 people attended the three day event and Fort Whoop-Up National Historic Site indicated that



NEW ARCHAEOLOGICAL SOCIETY OF ALBERTA: CALGARY CENTRE BANDANA



A handy bandana that is perfect for the field or out & about the town!!

Red bandanas and white bandanas (both with black writing) are currently available for \$8.00 each plus shipping & handling.

Get one (or two) before they are gone!

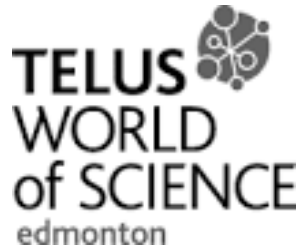
Contact asacalgary@yahoo.ca to order!

Diggin' Up the Past: An Archaeology Speaker Series

A collaborative speaker series between
the Telus World of Science and the Strathcona Archaeological Society

<http://telusworldofscienceedmonton.ca/exhibits-events/events-calendar/diggin-past-archaeology-speaker-series>

***Friday evenings
7:00 p.m.
Margaret Zeidler
Star Theatre***



In connection with *Indiana Jones™ and the Adventure of Archeology*, TELUS World of Science – Edmonton and the Strathcona Archaeological Society present *Diggin' Up the Past: An Archaeology Speaker Series*. Some of Alberta's most renowned archaeological professionals will share their research about archaeological sites throughout Alberta and the world as well as tools used to learn more about societies of the past. Join us each Friday night at 7:00 pm in the Margaret Zeidler Star Theatre.

Thursday*, October 16: Gareth Spicer (Turtle Island Cultural Resource Management) - *The Panopticon - West Rossdale and the Walterdale Bridge Replacement*
(*Special Thursday night lecture)

Friday, October 24: Robin Woywitka (Alberta Culture) - *Revealing Terrain: The Role of Outburst Floods, Wind, and Wetlands in Oil Sands Region Archaeology*.

Thursday*, October 30: Sandra Garvie-Lok (University of Alberta) - *Uneasy Graves: Digging up Vampires in Greece*
(*Special Thursday night lecture)

Friday, November 7: Rob Losey (University of Alberta) - *The Archaeology of Dog Domestication:* Dogs have been living with humans for at least 15,000 years, if not much longer. What evidence do archaeologists use to

understand this? How do dogs differ from wolves, their nearest living relatives? Did people in the distant past love their dogs? What were they fed? This presentation will present cutting-edge research on the domestication of dogs, drawing on a current archaeological project on humans and dogs across the north based at the University of Alberta.

Friday, November 14: Kisha Supernant (University of Alberta) - *Recent Archaeological Work & GIS Technology at the Buffalo Lake Metis Overwintering Site*

Friday, November 21: Myrna Kostash (Author) - *The Fur Trade Wars, the Selkirk Settlement and the Battle of Seven Oaks (1811-1816)*

Friday, November 28: Katie Biittner (University of Alberta) - *Adventures in African Archaeology: Stones, Bones, & Cultural Heritage in Tanzania:* Archaeological fieldwork barely resembles that which is depicted in pop culture and rarely produces expected results. Archaeologists must be able to readily adapt to the realities of the field including working closely with local communities. While working with local people has always been a critical part of archaeological fieldwork, the interest by and feedback from communities in our study region has led to shift away from a traditional focus on "stone and bones" to cultural heritage management. This talk will look at the realities of conducting archaeological fieldwork in Iringa, Tanzania.

Friday, December 5: Hugh McKenzie (Grant MacEwan University) - *The Bioarchaeology of Cranial Shaping (Hint: it wasn't aliens):* In the film, *Indiana Jones and the Kingdom of the Crystal Skull*, it was suggested that elongated skulls found in some archaeological sites are the product of

aliens. But, in fact, we know that dozens of cultures from all over the world (including our own!) have engaged in cranial modification. In this presentation, Hugh McKenzie will survey cranial modification practices in several parts of the world, and will discuss the science behind both the production and analysis of this very human cultural practice.

Friday, December 12: Todd Kristensen (Historic Resources Management Branch of the Government of Alberta) - ***The Heritage Art Series: Bringing Archaeology to Life:*** The goal of the Heritage Art Series is to captivate public audiences with archaeology-related artwork in order to encourage appreciation and protection of Alberta's past. This lecture will introduce the artwork and explain the significance of the depicted scenes with the help of artifact photographs, demonstrations, maps, and historical records. The artwork creatively explores ancient landscapes, relationships between people and their surroundings, and the enduring physical records of human activities. Each artwork shares an important story about the people of Alberta.

Friday, December 19: Krista Gilliland (Western Heritage Services) - ***Geoarchaeology of the Birthplace of Buddha, Lumbini (Nepal)***

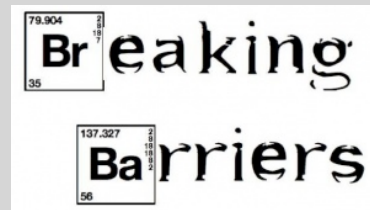
Friday, January 23: Kristine Fedyniak (Royal Alberta Museum) - ***Demonstration of Lithic Raw Material Sourcing Using X-Ray Fluorescence***

Friday, February 6: Krista Gilliland (Western Heritage Services) - ***Demonstration of Dating Sediment Using Portable Optical Spin Luminescence***

Friday, February 27: Margaret Haagsma (University of Alberta) - ***Urban Households, Rural Economies: Recent Excavations at the Hellenistic City of Kastro Kallithea in Greece.***

Diggin' Up the Past lectures are included with admission and free for TWISE Members and Strathcona Archaeological Society Members.

2014 Chacmool Conference



University of Calgary, Alberta, Canada
November 7-10, 2014
arky.ucalgary.ca/chacmool2014/

Chacmool is still accepting presentation abstracts (until October 20, 2014) for the 47th annual Chacmool Archaeology Conference.

The 2014 Chacmool conference theme "Breaking Barriers" will address cutting edge research in the advancement of archaeological theory, the use of new technologies, and new approaches to indigenous archaeology and ethnoarchaeology. A diverse group of international scholars, professionals and students are invited to present research that is shaping new directions for our discipline and that will engage archaeologists, ethnoarchaeologists, anthropologists, and indigenous peoples in understanding and conserving the material past that continues to affect our present world. Some archaeologists lament the fragmentation of archaeological theory in the past decade. Researchers are asked to address new approaches to break down the barriers of theoretical fragmentation and to re-open dialogue and debate. New technologies open new possibilities for research. Featured in the conference is three-dimensional imaging, a technology that has opened up new methods to conserve archaeological heritage and a new means to engage the public in virtual archaeological sites made available on the worldwide web. Indigenous archaeology and community archaeology are of fundamental importance to the broader relevancy of archaeology in the contemporary world. Critical to this project is the scholarly, social and spiritual engagement of indigenous peoples in the interpretation, critical evaluation and research prioritization of these pasts.



ARCHAEOLOGICAL SOCIETY OF ALBERTA

ARCHAEOLOGY TRAVEL KIT



Items available in the Travel Kit include:

- Complete Bison Robe
- Bison Skull
- Assorted Bones & Teeth
- Fire Broken Rock
- Hafted Hammerstone
- Hafted Knife
- Hafted Scraper
- Assortment of Projectile Points
- Hafted Arrow
- Atlatl Thrower

The Travel Kit is available for use by ASA Centres. All or portions of the kit can be used for display at public events, for museum programs, and for classroom presentations.

Contact Provincial Coordinator, Christie Grekul, for more information: cgrekul@shaw.ca

2015 ASA Conference Sneak Peek!

40th Annual Meeting of the Archaeological Society of Alberta

May 8-10, 2015 in Olds, Alberta

Mark your calendar!

The Archaeological Society of Alberta will also be celebrating 40 years!
Events will be held at the Pomeroy Hotel on Olds College Campus.

More information will be posted here as it becomes available:

http://www.arkyalberta.com/annual_conference.html

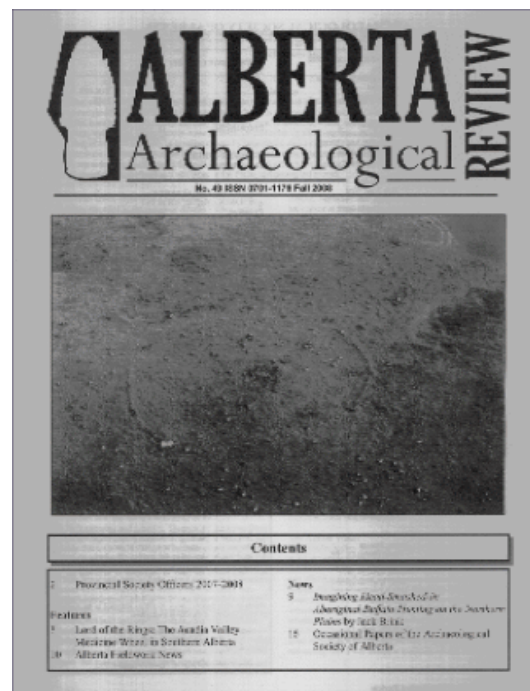


ARCHAEOLOGICAL SOCIETY OF ALBERTA

The Alberta Archaeology Review

The *Alberta Archaeology Review* has published 56 volumes since its inception. The *Review's* purpose is two-fold: to convey news of the sponsoring organization's activities throughout the province, and to provide a forum for the dissemination of archaeological research in Alberta. The *Review* is a meeting ground for both amateur and professional archaeologists.

A back-stock exists for most volumes of the *Review*. If you are interested in ordering an individual volume or a entire set, please contact the ASA Provincial Coordinator, Christie Grekul at cgrekul@shaw.ca. Prices per volume vary (\$1 to \$5 each) and volume discounts are available.



Public Laboratory Analysis Program
Public Archaeology Program, Fall 2014 and Winter 2015



The University of Calgary is offering a volunteer laboratory analysis program to work with material from the 2014 excavations at the famous Cluny Fortified Village site in Blackfoot Crossing Historical Park. Participants will analyze artifacts in an archaeology laboratory on the University of Calgary campus. Laboratory activities may include cataloging material, pottery reconstruction, and artifact photography.

Participants will be supervised by advanced University of Calgary archaeology students. Training in archaeological laboratory techniques will be provided as well as detailed information about artifact identification and analysis. All artifacts are the property of the Siksika Nation and, ultimately, will be stored at Blackfoot Crossing Historical Park Interpretive Centre.

The program will operate from October 2014 through April 2015.

Fall Volunteer Laboratory hours are Wednesdays from 1 PM – 5 PM and Fridays from 10 AM – 12 PM and 1 PM – 5 PM. Please register in advance by sending your name, date(s) of participation, and contact information to pubarky@ucalgary.ca.

There is no cost to participate. Participants must provide their own transportation to and from the University of Calgary campus. Participants must also provide their own computer with a working copy of Excel.

The minimum age of participation is 15. Participants under the age of 18 must be accompanied by a responsible adult at all times. All participants will be required to complete a Volunteer Liability Waiver Form and a Photography Waiver Form. Participants under the age of 18 must also complete an Informed Consent Form.

Visit <https://arky.ucalgary.ca/public-archaeology/> to register, or email pubarky@ucalgary.ca or call 403-220-8537 for further information.

The first year of the pilot public program is generously supported by a donation from Golder Associates Ltd.



Bone and stone tools, a projectile point, and pottery fragment found during the 2014 excavations.