

Alberta Palaeontological Society



Paleo 2023

26th Annual Symposium

Lectures and Poster displays (Saturday, March 18, 2023, 9:00 AM to 4:30 PM)

Workshops (Sunday March 19, 2023, 9:00 AM to 4:00 PM)

2nd Circular

The annual Alberta Palaeontological Society Symposium will be held in a virtual format and in person at Mount Royal University, Calgary.

Presented in conjunction with the C.S.P.G. Palaeontological Division, Alberta Palaeontological Society and Mount Royal University Earth and Environmental Sciences Department

Call for Posters and Abstracts

The Alberta Palaeontological Society (APS) would like to invite you to provide a poster at our Twenty Sixth Annual Palaeontological Symposium. This symposium will showcase presentations from a mix of avocational and professional palaeontologists from all over Western Canada. We are interested in posters on topics associated with palaeontology. Specific invitations have been given to staff and students of western universities, natural history clubs, the Geological Survey of Canada, museums and members of the petroleum industry and the artists' community. The aim is to showcase palaeontology to the general public and foster closer relations between the APS and the above groups. The event is free to all participants. There is no fee to submit a poster and abstract.

We plan to encourage families to bring fossils to our identification booth. Advertising for the event will go out to news media, Canadian Society of Petroleum Geologists *Reservoir*, the internet, and various government facilities, museums, schools, etc.

The instructions for posters / displays

A table and stand with a 4x8-foot poster board will be supplied to each presenter. Each presenter should bring stick pins or tape for attaching posters although we will try to have some on hand for those who forget. Those who have special requirements such as electricity to operate a display or a larger display area should identify these requirements upon submission of a request for space. Presenters are requested to provide an abstract as per instructions below. We request that poster presenters be set up by 8:30 AM the day of the event. During the day a poster session period will be specified, please be available at least during this time

for discussion about your exhibit. The deadline for submission of request for poster space to posters@albertapaleo.org is February 15, 2023.

The Symposium

The symposium is a two day event with lectures, poster and showcase displays on Saturday, March 18, 2023, and workshops on Sunday March 19, 2023. Saturday programs are free and open to the general public. No registration is required to attend the Saturday activities. Due to limited space, Sunday workshop participants will be required to register and pay a moderate fee for workshop manuals. The main events will be centred in the lower level hall at Mount Royal University.

Symposium Abstract Volume

As in past years an attractive symposium abstract volume will be published. It will be sold at a price to cover publication costs. We request that speakers and poster presenters submit abstracts or short papers for the publication to the editor at editor2@albertapaleo.org. Abstracts or short papers can be any length. Abstract contributors are encouraged to include photos and/or diagrams although it should be noted that the abstract volume will be printed in black and white, so images will be converted to greyscale by the editor. Documents will not be edited for content without consent of the authors, but will be reformatted and styled to fit the volume. Postal mail address (and email address if you wish) of the author(s) should be included. Deadline for submission of abstracts for publication is February 15, 2023. Specific instructions and examples can be downloaded from our website www.albertapaleo.org.

Further Information

Committee Chairperson (general inquiries):
Mona Trick, (587) 578-4579, symposium@albertapaleo.org

Lecture Program and Workshops:
Harold Whittaker, (403) 286-0349, programs1@albertapaleo.org

Posters and Displays:
Lacey Holoboff, (403) 894-0698, posters@albertapaleo.org

Advertising:
Mona Trick, (587) 578-4579, symposium@albertapaleo.org

Abstract Submissions:
Howard Allen (403) 862-3330, editor2@albertapaleo.org

About the Alberta Palaeontological Society

The Alberta Palaeontological Society is a non-profit society whose purpose is to promote the science of palaeontology through study and education and make contributions to the science through discovery, collection, description, public education and preservation of material for study and posterity. The APS works with professionals at museums and universities to add to Alberta's palaeontological collections and preserve its heritage. Alberta Palaeontological Society meetings are generally held on the third Friday of the month in Room B108 of Mount Royal University, in Calgary.

APS Paleo 2023

Mount Royal University

4825 Mount Royal Gate SW, Calgary, Alberta

Presented in conjunction with the Canadian Society of Petroleum Geologist Palaeontological Division and the Mount Royal University Department of Earth and Environmental Sciences.

Lectures and poster displays will take place on Saturday, March 18, 2023 from 9:00AM to 4:30PM. The workshops will be held on Sunday, March 19, 2023 from 9:00- 12:00 or 1:00-4:00.

Saturday events are free to the public

There will be fossil displays and activities of interest to a wide audience including families. The Sunday workshops require pre-registration and a small fee.

Saturday, March 18 Speaker Schedule

All talks will be held in the Jenkins Theatre, Main Building lower level of Mount Royal University

Saturday, March 18 Presentations

- 9:00 AM** Opening statements by **APS President Cory Gross** and Paleo 2023 instructions by **APS Program Coordinator Harold Whittaker**
- 9:15 AM** The “Rasetti Stone” and the tree of life—A phylogenetic perch for the enigmatic Stenothecoida.
Dr. Paul Johnston, Mount Royal University
- 10:15 AM** Coffee Break
- 10:30 AM** Triassic fossils from Southern Brazil.
Dr. Miriam Reichel-Bodner, Lifeways of Canada
- 11:00 AM** New discoveries from Alberta reshape our understanding of tyrannosaur biology.
Jared Voris, University of Calgary
- 11:30 AM** 2022 fieldwork and technical considerations on the future excavation and removal of a subadult hadrosaur with extensive skin impressions, Dinosaur Provincial Park, Alberta.
Darren Tanke, Royal Tyrrell Museum of Palaeontology
- 12:00 NOON** Lunch Break and Poster Displays

- 1:00 PM** Mining for the ammonite gemstone in southern Alberta and some of the surprises along the way!
John Issa, Korite International
- 1:30 PM** Mosasaur menus: Feeding ecology of Bearpaw Sea mosasaurs and other vertebrates.
Dr. Femke Holwerda, Royal Tyrrell Museum of Palaeontology
- 2:00 PM** Poster session and coffee break
Poster presenters are requested to be with their posters.
- 3:00 PM** The problem of protoceratids—the first horned artiodactyls.
Dr. Jessica Theodor, University of Calgary
- 3:30 PM** Interdisciplinary records of extinction and exceptional fossil preservation in the Early Jurassic Ya Ha Tinda Lagerstätte from Alberta.
Dr. Rowan C. Martindale, University of Texas, Austin
- 4:30 PM** Closing remarks for Paleo 2023.
Harold Whittaker, APS Program Coordinator

Sunday, March 19 Workshops

Title: Curation of Fossil Collections

Date: Sunday March 19, 2023

Location: Lab B213 at Mount Royal University

Registration: Please register by emailing programs1@albertapaleo.org or register at one of the monthly meetings, or by mailing your cheque to the Society's mailing address at P.O. Box 68024 Crowfoot PO, Calgary, Alberta, T3G 3N8. Specify morning, afternoon or either session. If we only have sufficient registration numbers to support one workshop, we will hold a morning session only. The registration fee is \$10. Pay via cash, cheque or *Interac* E-transfer to payee: giftshop@albertapaleo.org. Make cheques payable to the Alberta Palaeontological Society.

9:00 am to 12:00 noon OR 1:00 pm to 4:00 pm

Presenter: Wayne Braunberger is the Past President of the Alberta Palaeontological Society and a retired oil and gas geologist.

Description: In this workshop, participants will be immersed in the basics of curating a fossil collection. Participants will be introduced to

Part 1: Collecting and Recording Locality Data

Part 2: Curation Topics including:

- a) Accession Numbers/Numbering and Applying Numbers to Specimens
- b) Display and Storage Labels
- c) Cataloguing Specimens
- d) Specimen Storage

Part 3: Cataloguing Your Fossil Collection by Computer.

Request: Participants are recommended to bring a notepad and pen.

Registration is limited to 20 participants in each session, so register early.

Some Helpful Hints

Definition:

A poster is a visual medium to express results of one's research work on a topic she or he has chosen to study or to provide an overview of a researched topic.

Who should do a poster?

Anyone who has an interest in sharing the work that she or he has done and who likes feedback from the audience (or attendees) on the work should consider doing a poster.

What should be considered for a poster?

Any topic that ties in with palaeontology can be considered for a poster.

Why posters?

Oral or written presentations are mechanisms to convey past and recent developments in a field of study that is essential to the investigator. An effective written presentation is a poster presentation.

What is a poster?

A poster is something that you pin up on a board. The dimension of a poster can vary. It can consist of individual letter size sheets to as large as 1.2 meters x 2.4 meters. It contains text and figures relevant to one's work. It follows the same pattern as any scientific article that appears in a journal.

One typical format:

- ◆ Title, Author(s), Affiliation
- ◆ Summary
- ◆ Introduction – Reasons behind the work
- ◆ General information
- ◆ Geographical location where the fossils were found
- ◆ Description and interpretation
- ◆ Conclusions
- ◆ References

Dedicate a box to each one of the above categories. Within the box, include the text and figures relevant to that category. Number the boxes in such a way that the reader can follow from one box to the other in a sequence the presenter wishes.

The structure of the above framework may change from topic to topic.

How does one make a poster?

A few years ago, posters were made with primitive tools and extensive drafting (great deal of manual labour). Today, with powerful graphics and word processing tools, a poster can be made entirely using a computer. But remember, you don't have to have a computer to do a poster!

How should the poster look?

The poster is typically viewed from 1 to 2 meters away, therefore the letter (or font) size must be large enough that the text can be easily read. Also, figures should be reasonably large. Think about when the eye doctor wants you to read off his letter chart from a distance. Adding colours makes a difference to the poster, and can in fact lure attendees to your poster or drive them away.

Have fun!