

June 9th - 12th 2023, Bob Wright Centre, University of Victoria, Victoria BC, Canada



University
of Victoria

Earth & Ocean
Sciences



VICTORIA
PALAEOLOGY
SOCIETY



ROYAL BC
MUSEUM



BRITISH
COLUMBIA

Heritage Branch

On the traditional territory of the
ləkʷəŋən peoples, the Songhees,
Esquimalt and ƳSÁNEĆ, whose historical
relationships with the land continue
to this day.

Circular # 5, March 22, 2023 – Next Circular to be issued in April

CONFIRMED: 2 Keynote speakers, 15 presentations and 4 posters

REGISTRATION: remains open until April 15th

KEYNOTE SPEAKERS:



Dr. Jean-Bernard Caron, Richard M. Ivey Curator of
Invertebrate Palaeontology at the Royal Ontario Museum, Toronto

*The Burgess Shale Fossil Deposit of Marble Canyon in Kootenay
National Park: Retrospective of the Last 10 Years of Research*

Dr. Charles Helm, Research Associate at the Tumbler Ridge
Museum, British Columbia, Canada and at the African Centre for
Coastal Palaeoscience, Nelson Mandela University, South Africa

Tracking Vertebrates from Two Eras on Two Continents



THE EVENT:

The 14th British Columbia Palaeontological Symposium is a 4-day, in-person symposium focused on paleontology in, or related to, British Columbia, Canada. The event features 15 presentation, 4 posters, 3 tours, 3 fieldtrips, 2 workshops, 1 awards dinner, 1 silent auction and ample time to network.

KEY DATES:

March 18	Final deadline for Abstracts (presentations & posters)
March 28	Final Call for fossil displays
April 15	Registration ends
April 30	Final Day for Rene Savenye award nominations
May 1	Detailed schedule to be released to registrants

HOSTS AND PARTNERS:

This meeting is hosted at the University of Victoria's School of Earth and Ocean Sciences in partnership with the BC Paleontological Alliance, the Victoria Palaeontology Society and made possible with support from Natural Resources Canada (Geological Survey of Canada), the Royal BC Museum and the BC Heritage Branch.

ABSTRACTS & POSTERS:

Enjoy 15 presentations and 4 posters including:

1. **A New Mosasaurine (Squamata: Mosasauroidae) from the Pierre Formation (Pembina Member: Campanian) of North Dakota.** Amelia Zietlow, American Museum of Natural History; Clint Boyd, North Dakota Geological Survey; Nathan Van Vranken, Eastern West Virginia Community & Technical College.
2. **Nature's Rainbow: A New Look at Cretaceous Fossils from Precious Opal Deposits at Lightning Ridge, Australia.** George Mustoe, Research Associate, Geology Department, Western Washington University; Elizabeth Smith, Australian Opal Center, Lightning Ridge, New South Wales, Australia.
3. **Searching for Dinosaurs on the Spatsizi Plateau of Northern British Columbia.** Victoria M. Arbour, Royal BC Museum; Derek W. Larson, Royal BC Museum; Thomas Cullen, Department of Geosciences, University of Auburn; Jaclyn Richmond, Royal BC Museum; Brady McBride, School of Earth and Ocean Sciences, University of Victoria.
4. **An Ankylosaur Femur from the Cenomanian Dunvegan Formation of Northeastern British Columbia.** Emily G. Cross, School of Earth and Ocean Science, University of Victoria; Victoria M. Arbour, Royal BC Museum, Victoria, British Columbia, Canada and School of Earth and Ocean Science, University of Victoria.
5. **Rocks are Time-tellers: A Bad Sociology of Fossils and BC's Burgess Shale.** Rebecca Yoshizawa, Kwantlen Polytechnic University.
6. **Canada's Most Complete Meryciodontodon Fossil.** Andrea K. Valcourt, University of Victoria; Victoria M. Arbour. Royal BC Museum, University of Victoria.

7. **Fossils from the Upper Cretaceous Wapiti Formation of Alberta and British Columbia.** Corwin Sullivan, University of Alberta; Charles W. Helm, Tumbler Ridge Museum; Emily L. Bamforth, Philip J. Currie Dinosaur Museum; Victoria M. Arbour, Royal BC Museum; Derek W. Larson, Royal BC Museum.
8. **A New Helochelydrid Turtle (Helochelydridae; Testudinata) from the Late Cretaceous of British Columbia, Canada.** Derek W. Larson, Royal BC Museum; Matthew J. Vavrek, Royal Ontario Museum; Donald B. Brinkman, Royal Tyrrell Museum of Palaeontology; Joe Morin, Courtenay and District Museum.
9. **On a Piece of Phosphate: Early Paleozoic Laurentian Conodont and Isotope Data for Interpreting Tectonic-Ocean-Climate Changes and Events.** Christopher R. Barnes, School of Earth and Ocean Sciences, University of Victoria.
10. **Early Cretaceous Herbaceous Lycophytes of the Lycopodiales and Selaginellales in the Apple Bay Assemblage of Vancouver Island, B.C.** Gar W. Rothwell, Department of Botany and Plant Pathology, Oregon State University, Corvallis OR, U.S.A.; Ruth A. Stockey, Department of Environmental and Plant Biology, Ohio University, Athens, OH, U.S.A.
11. **A Solenostelic Fern from the Appian Way Locality, Vancouver Island, B.C.** Ruth A. Stockey, Department of Botany and Plant Pathology, Oregon State University, Corvallis OR, U.S.A.; Gar W. Rothwell, Department of Environmental and Plant Biology, Ohio University, Athens, OH, U.S.A.
12. **Carmanah Group Strata and Fossils: West Coast Vancouver Island, B.C.,** Marji Johns. Pacific PaleoQuest, W.R. Michael Makahnouk. Department of Earth and Environmental Sciences, University of Waterloo, Elisabeth Deom, Heritage Branch, BC Ministry of Tourism, Arts, Culture and Sport.
13. **Updates from the BC Fossil Management Office,** Elisabeth Deom. Fossil Management Office. Heritage Branch. Ministry of Tourism, Arts, Culture and Sport.
14. **Exploring the Fossil Data From the Largest and Longest International Earth Science Collaboration,** Andrew J. Fraass. University of Victoria, Katie Jamson. University of Victoria, Andrew McCoy. University of Victoria, Jocelyn Sessa. Academy of Natural Sciences of Drexel University, Leah LeVay, International Ocean Discovery Program, Texas A&M, Shanan Peters. University of Wisconsin.
15. **A Diverse Oligocene Whale assemblage From the Sooke Formation (Carmanah Group) of southern Vancouver Island, British Columbia, Canada,** Elizabeth C Rohlicek. School of Earth and Ocean Sciences, University of Victoria, Victoria, British Columbia, Canada, Victoria M Arbour, Royal BC Museum, Victoria, British Columbia, Canada and School of Earth and Ocean Sciences, University of Victoria, Victoria, British Columbia, Canada.

POSTERS:

1. **Latest Triassic (Rhaetian) Ichthyosaur Material from the Pardonet Formation near Williston Lake, British Columbia.** Brady McBride, School of Earth and Ocean Sciences, University of Victoria; Jerry Lei, School of Earth and Ocean Sciences, University of Victoria; John-Paul Zonneveld, Department of Earth and Atmospheric Sciences, University of Alberta; Andrew Caruthers, Department of Geological and Environmental Sciences, Western Michigan University; Victoria Arbour, Royal BC Museum and School of Earth and Ocean Sciences, University of Victoria.
2. **Tridactyl Footprints From the Late Jurassic-Early Cretaceous Mist Mountain Formation of Southeastern British Columbia.** Logan Teague Dickson, University of Victoria School of Earth and Ocean Sciences; Victoria Arbour. Royal BC Museum.

3. **Hainosaurus boubker, Last of the Great Tylosaurs: First Record of a Tylosaurine Mosasaur from the Latest Cretaceous Phosphates of Morocco.** Brennan Martens, The Vancouver Paleontological Society.
4. **First Record of an Oligocene Chimaeroid Fish (Chondrichthyes, Holocephali, Chimaeriformes) Egg Capsule from Carmanah Group Rocks, West Coast of Vancouver Island, British Columbia, Canada,** Dan Bowen. Vancouver Island Paleontological Society, Marji Johns. Victoria Palaeontology Society, Elisabeth Deom. Heritage Branch, BC Ministry of Tourism, Arts, Culture and Sport, Betty Franklin. Vancouver Island Paleontological Society, Rod Bartlett, Vancouver Paleontological Society, Alan Jonason, Citizen Scientist, Pittsford, New York, USA, Jerri Wilkins. Victoria Palaeontology Society.

MEETING VENUE:

The symposium will be held at the Bob Wright Centre, School of Earth and Ocean Sciences, University of Victoria, which is located on the traditional territory of the ləkʷəŋən peoples, the Songhees, Esquimalt and W̱SÁNEĆ, whose historical relationships with the land continue to this day. Presentations will take place in the teaching theatre adjacent to the lobby. Posters and displays will be in the lobby and/or adjacent classrooms. Workshops will be held in teaching laboratories on the same floor.

MEETING FORMAT:

Abstracts, oral presentations, and posters will be given in English. Oral presentations will be live and in-person. The Symposium will not be livestreamed. Presentations will be recorded and available to the public at a future date.

HEALTH AND SAFETY:

Organizers recommend attendees be vaccinated and boosted, self-monitor for symptoms and self-test prior to arrival. Please do not attend if you have a positive test, or if you develop symptoms associated with COVID-19. Should restrictions related to events, vaccination, and/or masks be changed by the BC Provincial Government and the Provincial Health Officer (PHO), we will adapt our plans accordingly.

MEETING SCHEDULE:

Friday, June 9th – Tours, workshops, posters and networking
Saturday, June 10th – Presentations, posters, awards dinner and a [silent auction](#)
Sunday, June 11th – Presentations and posters
Monday, June 12th – Fieldtrips
A detailed schedule will be released to registrants by May 1st, following close of registration.

NOMINATIONS OPEN:

Nominations for the Rene Savenye Award are welcomed to honour an amateur paleontologist who has demonstrated outstanding service to the science of paleontology or to paleontological education in British Columbia. If you would like to nominate a non-professional for this award, please review previous award recipients of the [Rene Savenye Award](#) and contact the British Columbia Paleontological Alliance using the contact information provided on their website.

CALL FOR DISPLAYS:

Secure space is available to showcase fossil collections of all sizes. Please contact vicpalaeo@gmail.com or 250-812-3970 if you are interested in sharing some of your finds!

TRAVEL & ACCOMMODATION:

Registrants are responsible for their own accommodation and reservations. Suggestions and links are available on the Symposium 2023 [website](#).

REGISTRATION:

Registration for the symposium, workshops, tours, and fieldtrips continues until April 15th. To register, [review details of activities](#) on the Symposium Website, then register online via [Eventbrite](#). Please register for each activity you plan to attend (i.e. workshops, tours, etc.) including the free activities, as it assists with planning. A list of activities is provided below for your reference. Fees and taxes for all activities selected are calculated and displayed at the 'check-out' stage, and selections can be adjusted prior to payment. Eventbrite accepts US and Canadian credit cards and PayPal transfers. If necessary, alternative payment forms are available by request at vicpalaeo@gmail.com. Family members travelling with people who are presenting are eligible to attend tours and fieldtrips. [Visit our website for details and a link to registration](#):

General Registration:	
• Standard rate	\$145 CDN +tax
• Student rate	\$95 CDN + tax
Additional Activities (pre-registration required)	
Tour 1: Chemical, analytical and isotope facilities, UVic	Free
Tour 2: Advanced Microscopy Facility tours, UVic	Free
Tour 3: Paleontology Collections, Royal British Columbia Museum	Free
Workshop 1: <i>Sutures, Septas and Siphuncles: Identifying Ammonites with Ease</i> , led by Dan Bowen, Chair, BC Paleontological Alliance	\$25 CDN (plus tax)
Workshop 2: <i>Common Plants of the Cretaceous</i> , led by Joe Morin, Vice-President, Vancouver Island Paleontology Society	\$25 CDN (plus tax)
Fieldtrip 1: <i>The Collision Zone Beach Tour</i> (Duration: 13 hrs)	\$100 CDN (plus tax)
Fieldtrip 2: Muir Creek Carmanah Group (Duration: 6 hrs)	\$50 CDN (plus tax)
Fieldtrip 3: <i>Chemainus River, Nanaimo Group</i> (Duration: 8hrs)	\$40 CDN (plus tax)

STAY INFORMED:

Visit our website [Victoria Palaeontology Society | We dig deep \(vicpalaeo.org\)](http://VictoriaPalaeontologySociety.com)

For specific inquiries email vicpalaeo@gmail.com or contact Jerri Wilkins at 250-812-3970

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JUNE IS BEAUTIFUL IN THE LAND OF THE LEKWUNGEN.