



1st Circular
10th Annual Conference May 24th-27th, 2023

This year's CSVP meeting logo is courtesy of Carleton University MSc student Ashan Ayanarajan. The logo features the skull of a beluga whale (*Delphinapterus leucas*) over a backdrop of the ancient Champlain Sea (ca. 10,000 years ago). Beluga fossils from this time have been throughout eastern Ontario and southern Quebec, including in the Ottawa area.

CONFERENCE VENUE



The 2023 meeting of the Canadian Society of Vertebrate Palaeontology will be held at the **Victoria Memorial Museum Building (VMMB) of the Canadian Museum of Nature**, located at 240 McLeod Street in Ottawa, Ontario. Since the doors first opened in 1912, the VMMB has been home to Canada's original fossil gallery, and was the original location for both the National Gallery of Canada and the Canadian Museum of History. This National Historic Site of Canada also served as temporary House of Commons following the Parliament Hill fire of 1916, and was the site of Sir Wilfrid Laurier's state funeral in 1919. The Society last met at the Canadian Museum of Nature in 2018.

Today, the VMMB celebrates natural history through several galleries highlighting palaeobiology, botany, zoology, and mineralogy. The new Wolves! exhibition features the work of our very own Dr. Danielle Fraser.

As the nation's capital, there is no shortage of activities in Ottawa. In addition to Parliament Hill, popular sites include the National Gallery of Canada, the Canadian War Museum, the Deifenkunker, the Rideau Canal (a UNESCO World Heritage Site), and the Byward Market.

Directions to the VMMB and details regarding paid parking are available here:
<https://nature.ca/en/visit-us/plan-your-visit/>

LOCAL ORGANIZING COMMITTEE

- **Dr. Danielle Fraser**, Research Scientist, Palaeobiology, Canadian Museum of Nature;

dfraser@nature.ca

- **Ms. Marisa Gilbert**, Research Assistant, Palaeobiology, Canadian Museum of Nature; mgilbert@nature.ca
- **Dr. Tetsuto Miyashita**, Research Scientist, Canadian Museum of Nature; tmiyashita@nature.ca
- **Dr. Jordan Mallon**, Head of Palaeobiology, Canadian Museum of Nature; jmallon@nature.ca
- **Mr. Shyong En Pan**, Research Assistant, Palaeobiology, Canadian Museum of Nature; span@nature.ca
- **Dr. Scott Rufolo**, Curator, Palaeobiology, Canadian Museum of Nature; srufolo@nature.ca
- **Dr. Xiao-chun Wu**, Research Scientist, Palaeobiology, Canadian Museum of Nature; xcwu@nature.ca

REGISTRATION

The deadline to register is **March 31, 2023**. You must be registered to submit a presentation or poster abstract.

To register, please send an email to canadiansvp@gmail.com and indicate:

- i. whether you will present a talk or a poster.
- ii. if you plan on attending the icebreaker on the evening of May 24th.
- iii. your interest in participating in the field trips (and, if so, which).
- iv. if you will be participating in the banquet dinner on May 26th (separate cost applies).

Those wishing to attend the conference without presenting a poster or talk please email canadiansvp@gmail.com indicating items ii–iv.

We will also strive to live-stream the talks online this year, for those who wish to view the presentations but cannot afford to travel to Ottawa. The live-stream will be free to watch, but to keep the logistics simple, there will be little opportunity for interaction (e.g., asking questions of the speaker). A link will be provided to CSVP members closer to the start of the conference.

Note: No individual under a criminal investigation or third-party investigation concerning a violation of the CSVP Code of Conduct will be allowed to attend CSVP events.

CONFERENCE REGISTRATION FEE (includes program with abstracts, icebreaker, refreshments at breaks)

- Professional/Postdoctoral: \$150
- Graduate student member: \$100
- Undergraduate student member: \$50
- CSVP non-voting members: \$175
- One-day presentations only (non-member): \$100
- Junior (under 18) non-member or non-voting member: free
- Online viewing only: free

BANQUET FEE

Conference attendees will be required to purchase tickets to attend the Friday evening banquet, but costs have not yet been resolved. Traditionally, these fees have been \$50-\$60 per ticket. We will aim to keep costs the same, but stay tuned to future circulars for firm pricing.

HOW TO PAY FOR THE CONFERENCE

- **Email transfer:** You can send your conference fees to the CSVP treasurer Corwin Sullivan as an email transfer to vertpale@ualberta.ca. Please keep a record of your transfer, and please contact Corwin in advance.
- **Snail mail:** People wishing to pay in advance may mail a cheque (payable to Canadian Society of Vertebrate Palaeontology) to the treasurer: Corwin Sullivan, Department of Biological Sciences, CW 405 Biological Sciences Building, University of Alberta, Edmonton AB, T6G 2E9.
- **On site:** On site payments will only be accepted at the Registration Table by cash or preferably by cheque (made payable to the Canadian Society of Vertebrate Palaeontology).

There are no late registration fees, but we would greatly appreciate a notice before the conference if you are attending (please email canadiansvp@gmail.com).

* Note that the conference fees are independent of your membership dues. You must renew your CSVP membership dues annually. See <https://csvgp.ca/membership/> for membership details.

ABSTRACT SUBMISSION INSTRUCTIONS

The deadline for abstract submission is **March 31, 2023**.

The abstract volume will be published as a special issue in Vertebrate Anatomy Morphology Palaeontology (VAMP) and will be made available at the conference. For these reasons, please closely follow the formatting guidelines for the author information, abstract, figures, and references, found here:

<https://journals.library.ualberta.ca/vamp/index.php/VAMP/about/submissions>

*Please email your complete abstracts with the subject heading “CSVP 2023 Abstract” to canadiansvp@gmail.com. Indicate in your email whether you prefer to give an oral presentation or a poster. We will do our best to accommodate your request.

ABSTRACT FORMAT

Abstracts should be compiled in **Microsoft Word (.doc or .docx)**.

Titles should contain no new scientific names, but higher taxonomic names can be included.

Identify each author by their first name, in full, followed by any middle initials, and the last name. Identify each author with a superscript number, and give the full mailing and email information for each author. The first author should also be the planned presenter of the talk or poster.

There is no word limit for the abstract; however, we ask that they be concise, but of reasonable length so that they can be properly assessed during the abstract review process. Abstracts may be either traditional format (no figures and no citations/references) or extended abstracts with figure(s) and references. The choice is up to the author(s). If you choose to submit an extended abstract, please include appropriate figure captions, and format your references as follows:

Article

Nicholls, E.L., and D. Brinkman. 1993. A new specimen of *Utatusaurus* (Reptilia: Ichthyosauria) from the Lower Triassic Sulphur Mountain Formation of British Columbia. *Canadian Journal of Earth Sciences* 30:486–490.

Book Chapter

Newbrey, M.G., A.M. Murray, M.V.H. Wilson, D.B. Brinkman, and A.G. Neuman. 2013. A new species of the paracanthopterygian *Xenyllion* (Sphenocephaliformes) from the Mowry Formation (Cenomanian) of Utah, USA; pp. 363–384 in G. Arratia, H.-P. Schultze, and M.V.H. Wilson (eds.), *Mesozoic Fishes 5 – Global Diversity and Evolution*, Verlag Dr. Friedrich Pfeil, München, Germany.

Book

Carroll R.L. 1988. Vertebrate paleontology and evolution. W. H. Freeman and Company, New York, xiv + 698 pp.

Figures should be submitted separately in the same email as **.TIF files** (minimum size is 300 dpi, 600 dpi is preferred). Figures should be sized to fit a single column (88.9 mm), two-thirds page width (122 mm), or full page width (182 mm). Maximum page height is 233 mm. Colour figures should use CMYK colour, not RGB.

Please include figure captions after the References section in your abstract submission.

See example abstract attached at the end of this circular for more formatting details.

TECHNICAL SESSIONS

Technical sessions will take place in the Theatre of the Victoria Memorial Museum Building (VMMB) of the Canadian Museum of Nature. The Theatre is equipped with a PC and projector, and talks will have to be uploaded as **Powerpoint or PDF files** prior to the beginning of the technical sessions. Posters will be presented in the nearby Rotunda of the VMMB. We will also live-stream the talks online (link to come).

STUDENT AWARDS

Robert Lynn Carroll Prize

The Robert Lynn Carroll Prize recognizes a current or recently graduated PhD student's contributions to the field of vertebrate palaeontology (<https://csvp.ca/awards-2/carroll-prize/>). The prize is awarded based on the scientific value and quality of the candidates' oral presentations. All those eligible for the Carroll Prize will be automatically included for consideration upon abstract submission. If you are eligible but do not wish to be included for consideration, please indicate this during abstract submission.

To compete for this prize, you must be a CSVP member (in any category) *and* must either be a PhD student or have graduated with a PhD within the past two years.

CSVP student travel grant

The CSVP now offers a \$500 travel award to a graduate student doing research on a vertebrate group other than non-avian dinosaurs. For complete details on eligibility and how to apply for the travel award, visit the CSVP website (<https://csvp.ca/awards-2/csvp-student-travel-grant/>). Applications for the travel award are due **March 31, 2023**.

Dinosaur Research Institute travel grant

A second CSVP travel grant exists for those studying non-avian dinosaurs, administered by the Dinosaur Research Institute. For more details, please see:

<https://www.dinosaurresearch.com/4%20Grants.htm>

FIELDTRIPS

Ottawa is not a hotspot for vertebrate fossils (but if you're into crinoid rings and headless trilobites, you're in luck). That said, we are considering two less conventional fieldtrips this year. The first is a **haunted walk** through downtown Ottawa the evening of **Thursday, May 25th** (<https://hauntedwalk.com/experience/original-haunted-walk-of-ottawa/>). The tour lasts approximately 75 minutes. The second is a trip to the **Bonnechere Caves** near Eganville, Ontario in the picturesque Ottawa Valley (<https://www.bonnecherecaves.com/>). The karst caves were formed over the last 10,000 years. The limestone walls of the caves are Ordovician in age, and contain the fossils of various cephalopods, crinoids, corals, brachiopods, and trilobites. The plan will be to leave early en masse the morning of **Saturday, May 25th** (the drive is approximately 90 minutes) and tour through the caves as a group before noon (the tour lasts approximately 30 minutes). We will have lunch in Eganville, likely at The Granary Schnitzel Haus or the Rio Tap & Grille. We will return to Ottawa after the lunch hour, with the intent of returning people to the front doors of the museum by mid-afternoon.

If either of these trips are of interest to you, please let us know (canadiansvp@gmail.com) by **March 31, 2023** so we can make the proper arrangements. Additional fees may apply, to be announced in the next circular.

COLLECTIONS VISITS

The collections of the Canadian Museum of Nature are held at the Natural Heritage Campus (<https://nature.ca/en/about-the-museum/history-buildings/natural-heritage-campus/>) in nearby Gatineau, Quebec (1740 Pink Road). If you wish to access the collections prior to or after the meeting, please contact Palaeobiology Curator Dr. Scott Rufolo (srufolo@nature.ca) at least two weeks in advance to arrange your visit. Please note that the collections are closed on weekends. Bus access is provided by the Gatineau transit system (<http://www.sto.ca/index.php?id=&L=en>). Although there are no hotels within walking distance of the collections, there are several nearby apartments for rent via AirBnB (<https://www.airbnb.ca/>).

ACCOMMODATIONS AND RESTAURANTS

There are a number of options for accommodations for CSVP 2023, for which you will need to make your own arrangements. The following are just a few of the several hotels located within a 15-minute walk to the Victoria Memorial Museum Building.

- The Business Inn & Suites (<https://thebusinessinn.com/>) *
- Cartier Place Suite Hotel (<http://www.suitedreams.com/>)
- The Metcalfe Hotel (<http://www.themetcalfehotel.com/>)
- Ottawa Embassy Hotel and Suites (<https://www.ottawaembassy.com/>)

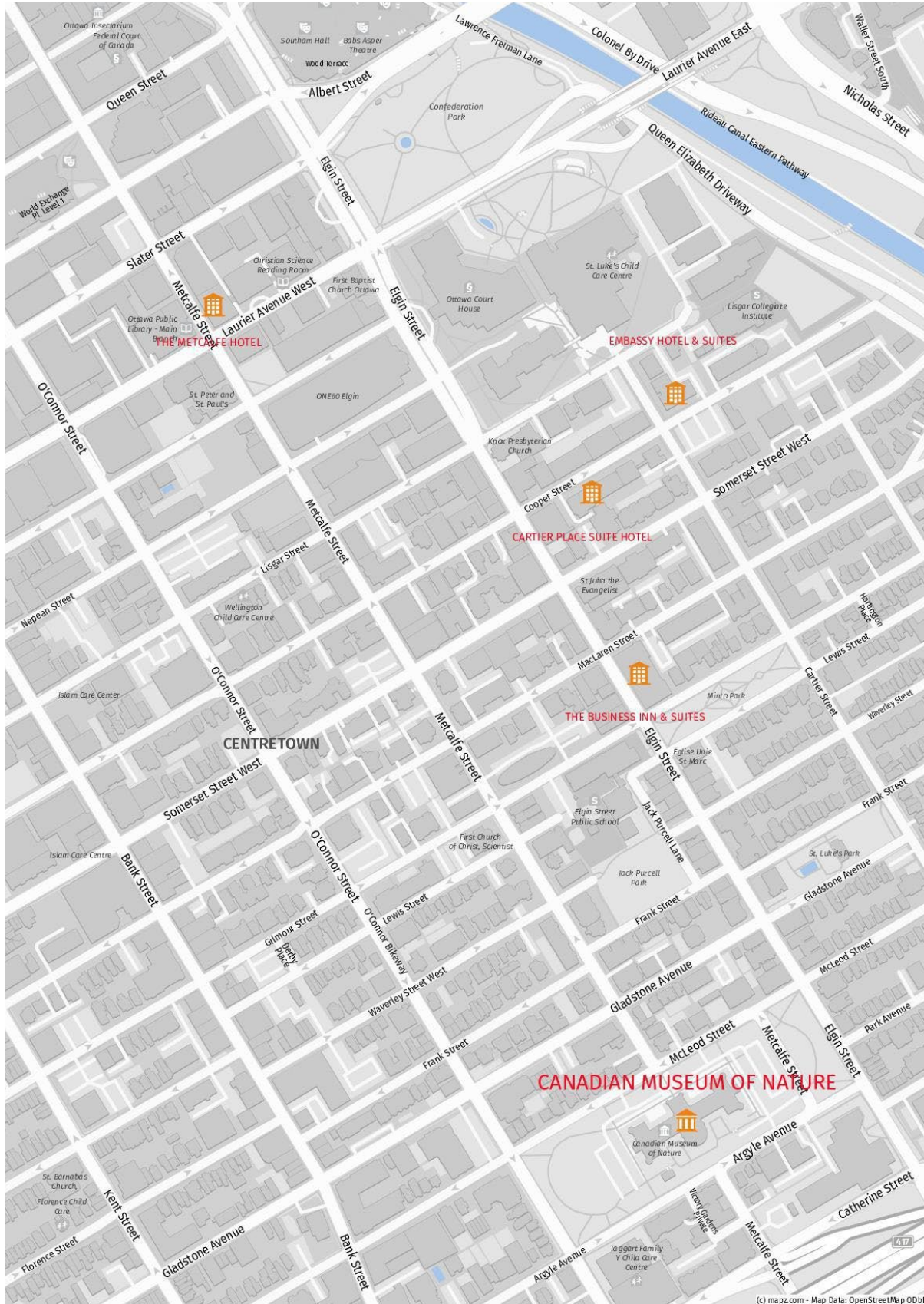
Be sure to also check <https://www.airbnb.ca/> for other accommodation options. There are many bars and restaurants nearby on Elgin Street.

* CSVP members get a preferred rate when booking with the Business Inn & Suites, which is just an 8-minute walk from the museum. We have blocked off 40 rooms at the following rates:

- 5 Mini suites - \$139/night before tax
- 3 Economy suites - \$147/night before tax
- 14 Executive suites - \$163/night before tax
- 18 Signature Suites - \$171/night before tax

Bookings are first-come-first-served and must be made **before May 2, 2023**, otherwise the unreserved rooms will be released for general sale (although CSVP members will continue to receive the discounted rate). Please see the website of the Business Inn & Suites above for booking details. Please mention the group number (441079) or name (CSVP) when booking to receive the preferred rate.

**LOCATION OF VICTORIA MEMORIAL MUSEUM BUILDING
(CANADA MUSEUM OF NATURE) IN DOWNTOWN OTTAWA, ONTARIO (240 MCLEOD ST)**



**LOCATION OF NATURAL HERITAGE CAMPUS
(CANADIAN MUSEUM OF NATURE COLLECTIONS) IN GATINEAU, QUEBEC (1740 PINK RD)**



CSVP 2023 – PRELIMINARY SCHEDULE (SUBJECT TO CHANGE)

	Wednesday May 24, 2023	Thursday May 25, 2023	Friday May 26, 2023	Saturday May 27, 2023
Carroll Prize Talks			8:00 am – 9:00 am ² Theatre	
Contributed Talks		8:00 am – 12:00 pm 1:30 pm – 3:00 pm Theatre	9:00 am – 12:00 pm 1:30 pm – 3:00 pm Theatre	
Coffee Break		10:00 am – 10:30 am Stone Wall Gallery	10:00 am – 10:30 am Stone Wall Gallery	
Lunch Break		12:00 pm – 1:30 pm	12:00 pm – 1:30 pm	
CSVP Executive Meeting			12:00 pm – 1:00 pm Theatre	
Poster Session		3:00 pm – 5:00 pm Rotunda Poster set up: 1:00 – 3:00 pm		
CSVP General Meeting			3:00 pm – 5:00 pm Theatre	
Field Trips		8:30 pm – 10:00 pm Haunted Walk, downtown Ottawa ¹		8:00 am – 3:00 pm Tour of Bonnechere Caves, lunch in Eganville ^{1,4}
Social Events	6:00 pm – 9:00 pm Welcome Reception Location TBD		5:00 pm – 10:00 pm Banquet ^{3,4} Location TBD	

¹ Subject to availability and level of interest

² Times may change depending on the number of Carroll Prize talks

³ Please make us aware of any dietary restrictions at canadiansvp@gmail.com.

⁴ Subject to additional costs

**SPECIAL THANKS TO OUR SPONSORS
(CLICK A LOGO TO VISIT THEIR WEBSITE):**



Lane **SCIENCE EQUIPMENT CORP.**