



Canadian Association of Palynologists
Association Canadienne des Palynologues
NEWSLETTER

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December 2011

President's Message

This is my last "President's Message", as my two-year term comes to an end in a few weeks. It has been a privilege to have served as CAP President. Any successes or progress we have had over the last two years were made possible by an outstanding Executive team, and I thank all of them for their efforts. The only regret I have is that I did not have a chance to meet as many of you in person as I would have liked.

I would like to welcome Terri Lacourse as our new President (as of January 1st). Terri is a CAP veteran and who will no doubt do a fantastic job leading CAP over the next two years. In addition to a change in President, I would also like to welcome a newcomer to the CAP executive: Florin Pendea of Lakehead University, who will be the new Newsletter Editor. Welcome Florin! We look forward to having you share your knowledge and ideas with us, and I am cer-

tain you will find the position rewarding. Along with the website, the *Pgy wgwgt* is the public "face" of the organization, so this is a position of considerable importance.

Over the past several years we have seen our membership and budget grow, which has enabled us to reach a larger number of people and provide increasing support for student research. The organization always welcomes articles, feedback, and new ideas from the membership, and I ask that you all consider submitting relevant material for inclusion in the *Newsletter*, or for discussion among the Executive. For example, at our 2011 Annual General Meeting, in Québec City in September, we had an excellent discussion that resulted in, among other things, our increasing the Annual Student Research Award to \$300 per year. I look forward to participating in future AGMs as a CAP member and seeing many of you there.

Matthew Peros

CAP President, 2010-2011

mperos@ubishops.ca

CAP EXECUTIVE 2011

President: Matthew Peros
President-Elect: Terri Lacourse
Secretary-Treasurer: Mary Vetter
Newsletter Editor: Terri Lacourse
Website Editor: Alwynne Beaudoin
IFPS Councillor: Jean Nicolas Haas

2012 CAP ANNUAL STUDENT RESEARCH AWARD

The Canadian Association of Palynologists Annual Student Research Award was established in 2009 to recognize students' contributions in palynological research. The award is open to any undergraduate or graduate student who is a member, in good standing, of CAP, regardless of their nationality or country of residence. The intent of the research award is to support student research with a strong palynological component. The award consists of a three-year membership in the Association and \$300 CDN, to be put toward some aspect of the student's research.

The award application should consist of: 1) a one-page statement outlining the nature of the research project, its scientific importance, the approximate timeline to completion of the project, and the aspect of the research the funds would be directed toward; (2) a CV; and, (3) a letter of support from the student's supervisor. Applications should be submitted (in French or English) by email to the CAP President by March 1st, 2012.

Only one award will be given per year and there is no limit to the number of times a student can submit an application. Applications and questions concerning the award should be sent to the CAP President, Terri Lacourse (tlacours@uvic.ca).

Editor's Notes

Thank you to all who contributed material for this issue of the *CAP Newsletter*: Alwynne Beaudoin, Konrad Gajewski, Jennifer Galloway, John-Paul Iamonaco, Peta Mudie, Benjamin C. O'Reilly, Matthew Peros, Mike Pisaric, Mary Vetter, and Reed Wicander.

Deadline for Next CAP Newsletter

Please submit items for the next issue of the *CAP Newsletter* (Volume 35, Number 1, May 2012) by April 15, 2012. Conference reports, announcements, field trip reports, notices of new books, dissertation abstracts, book reviews, news, and essays on topics relevant to Canadian palynology are all welcome. Please send contributions to:

Florin Pendea

CAP Newsletter Editor (as of Jan. 1, 2012)

ifpendea@lakeheadu.ca

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Palynolit

Pollen on Walden Pond

Walden Pond is arguably the most famous lake in literature. It is a relatively small (61.5 acres) and deep (100 feet) kettle lake, surrounded by woodland, situated not far from Concord, Massachusetts (Maynard 2004). Between 1845 and 1847, Henry David Thoreau spent much of his time living in a tiny cabin near the Pond. While there, he watched the landscape change season by season, recorded the wildlife and plants in and around the pond, measured its water depth, and noted the changes in winter ice extent and thickness. In the fall of 1847, he left his cabin and returned to a somewhat more regular life in town. Later, he distilled these experiences into a book, published in 1854

and named *Walden* for the locality. In the penultimate paragraph of the penultimate chapter of his narrative, he described the Pond in spring:

Early in May, the oaks, hickories, maples, and other trees, just putting out amidst the pine woods around the pond, imparted a brightness like sunshine to the landscape, especially on cloudy days, as if the sun were breaking through mists and shining faintly on the hillsides here and there. The sulphur-like pollen of the pitch-pine soon covered the pond and the stones and rotten wood along the shore, so that you could have collected a barrel-ful. This is the "sulphur showers" we hear of. Even in Calidas' drama of Sacontala, we read of "rills dyed yellow with the golden dust of the lotus." And so the season went rolling into summer, as one rambles into higher and higher grass. (Thoreau 1986: 367)



Walden Pond, looking towards the southeast. Thoreau's Cove is in the foreground. Thoreau's hut was located in the woods, upslope from the Cove, in the lower left corner of the photo.

His description of conifer pollen floating on the water surface is evocative and will be familiar to anyone who has looked at a boreal forest lake in spring. Pollen, looking like bright yellow scum, coats the water surface. Often, it accumulates in stringers and is driven by wind and waves towards the lake margins. Sometimes the pollen scum is so prominent that people, especially those living near industrial plants, worry that it may be some kind of chemical contaminant, especially sulphur (see Beaudoin 2006).

Thoreau linked his observation of pollen on water with a similar statement from antiquity, although the source he cites is little known to most western readers today. *Sacontala* is a drama originally written in Sanskrit by an Indian poet named Kalidasa or Kalidasa. It is not known exactly when he lived, although it may have been around 400 AD (Franklin 2011: 253). The play was translated into English by the orientalist William Jones and published in Calcutta in 1789. Soon thereafter, it was published in London and thereby became more widely available to the educated elite (Franklin 2011: 252). Enthusiasm for all things oriental – literature, artworks, ceramics, and fabrics – swept western society in the late 18th and early 19th century and many scholars, Thoreau included, turned to works from the east for inspiration. Thoreau was apparently familiar with *Sacontala* and, after returning from his sojourn at Walden Pond, made notes on it to use in his essays (Richardson 1986: 205, 267).

Thoreau's observation of abundant pollen on the surface of Walden Pond suggests that the sediments might yield a good pollen record. This possibility must have occurred to Marjorie Winkler who in 1979 obtained a short core of sediment from the Pond and produced a pollen diagram documenting

vegetation history spanning about the last 600 years (Winkler 1993). She noted a decline in pollen from trees and increase in pollen from herbs, including ragweed (*Coditum*), around 1635 AD, the time of European settlement in the Concord area. Pine pollen accounted for about 20% to 25% of the pollen assemblage in the upper part of the record (Winkler 1993: Figure 6b). Interesting, the record showed a switch between the predominance of Diploxylon pine (derived from pitch pine and red pine) pollen to Haploxylon pine (white pine) pollen shortly before Thoreau's occupation at Walden. For the level dated about 1844 AD, the assemblage yielded about 13% Haploxylon and 4% Diploxylon pine pollen. Winkler (1993: 207) concluded that white pine, oak and birch were the most abundant trees around Walden Pond at the time Thoreau lived there. This suggests that much of the pollen he saw floating on the water surface may actually have been from white pine (*Pinus strobus*), rather than pitch pine (*Pinus rigida*).

Alwynne B. Beaudoin
Edmonton, Alberta

References

- Beaudoin, A.B. 2006. Spring: The Season of Yellow Pond Scum. Mammoth Tracks Newsletter, Spring 2006, p. 8. Available at <http://www.royalalbertamuseum.ca/vpub/tracks/tracks12.pdf>
- Franklin, M.J. 2011. *Orientalist Jones: Sir William Jones, Poet, Lawyer, and Linguist, 1746-1794*. Oxford University Press. 396 pages.
- Maynard, W. B. 2004. *Walden Pond: A History*. Oxford University Press. x + 404 pages.

Richardson Jr, R.D. 1986. *Henry Thoreau: A Life of the Mind*. University of California Press. 464 pages.

Thoreau, H.D. 1986. *Walden and Civil Disobedience*. Penguin Classics edition. 431 pages.

Winkler, M.G. 1993. Changes at Walden Pond During the Last 600 Years: Microfossil Analyses of Walden Pond Sediments. In: *Thoreau's World and Ours: A Natural Legacy*, edited by Edmund A. Schofield and Robert C. Barton, pp. 199-211. North American Press, Golden, Colorado, USA.

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Recent Publications — 14

Bartlein, P.J., Harrison, S.P., Brewer, S., Connor, S., Davis, B.A.S., *Gajewski, K., Guiot, J., Harrison-Prentice, T.I., Henderson, A., Peyron, O., Prentice, I.C., Scholze, M., Seppä, H., Shuman, B., Sugita, S., Thompson, R.S., Viau, A.E., Williams, J. and Wu, H. 2011. Pollen-based continental climate reconstructions at 6 and 21 ka: a global synthesis. *Climate Dynamics* 37: 775-802 DOI: 10.1007/s00382-010-0904-1

*Beaudoin, A.B. 2011. On the development, maintenance, and use of a modern pollen reference collection. *Collection Forum* 25 (1-2):62-79.

*Gajewski, K., Munoz, S., *Peros, M., Viau,

A.E., Morlan, R., and Betts, M. 2011. The Canadian Archaeological Radiocarbon Database (CARD): archaeological radiocarbon dates in North America and their paleoenvironmental context. *Radiocarbon* 53: 371-394.

*Galloway, J.M., Lenny, A.M. and *Cumming, B.F. 2011. Hydrological change in the central interior of British Columbia, Canada: diatom and pollen evidence of millennial-to-centennial scale change over the Holocene. *Journal of Paleolimnology* 45: 183-197.

Geurts, M.-A. 2011. Contribution à l'étude de l'évolution de la végétation Holocène dans les terres humides de l'Est ontarien. *Acta Geographica Ottaviensia*, Volume 4. i + 103 pages.

Hausmann, S., Larocque-Tobler, I., *Richard, P.J.H., Pienitz, R., St-Onge, G., and Fye, F. 2011. Diatom-inferred wind activity at Lac du Sommet, southern Québec, Canada: A multiproxy paleoclimate reconstruction based on diatoms, chironomids and pollen for the past 9500 years. *The Holocene* 21: 925-938.

Moos, M.T., and *Cumming, B.F. 2011. Changes in the parkland-boreal forest boundary in northwestern Ontario over the Holocene. *Quaternary Science Reviews* 30: 1232-1242.

*Mudie, P.J., Leroy, S.A.G., Marret, F., Gerasimenko, N., Kholeif, S.E.A., Sapelko, T., and Filipova-Marinova, M. 2011. Non-pollen palynomorphs: Indicators of salinity and environmental change in the Caspian-Black Sea-Mediterranean corridor. In: Buynevich et al. (eds), *Geology and Geoarchaeology of the Black Sea Region: Beyond the Flood Hypothesis*. Geological Society of America Special Paper 473, pp.89-115.

*Peros, M. and , Gajewski, K. 2011. On the glacial and postglacial history of the western Canadian Arctic Islands. *Quaternary Research* 75: 307-308.

*Pisarcic, M.F.J., Thienpont, J., Kokelj, S.V., Nesbitt, H., Lantz, T., Solomon, S., and *Smol, J.P. 2011. Impacts of a recent storm surge on an Arctic ecosystem examined within a millennial timescale. *Proceedings of the National Academy of Sciences* 108: 8960-8965.

Power, M.J., Whitlock, C., and Bartlein, P.J. 2011. Postglacial fire, vegetation, and climate history across an elevational gradient in the Northern Rocky Mountains, USA and Canada. *Quaternary Science Reviews* 30: 2520-2533.

*Schweger, C., Froese, D., White, J.M., and Westgate, J.A. 2011. Pre-glacial and interglacial pollen records over the last 3 Ma from northwest Canada: Why do Holocene forests differ from those of previous interglaciations? *Quaternary Science Reviews* 30: 2124-2133.

Viau, A.E., Ladd, M. and *Gajewski, K. 2011. The climate of North America during the past 2000 years reconstructed from pollen data. *Global and Planetary Change*. doi:10.1016/j.gloplacha.2011.09.010.

Yanko-Hombach, V., *Mudie, P., and Gilbert, A.S. 2011. Was the Black Sea catastrophically flooded during theHolocene? Geological evidence and archaeological impacts. In: Benjamin et al. (eds.), *Submerged Prehistory*, Oxbow Books, Oxford, UK, pp. 245-262.

* denotes a CAP Member

Call for New CAP President-Elect

The Canadian Association of Palynologists is always looking for members to serve as Executive Directors. In particular, a CAP member is needed to fill the President-Elect position, effective January 2012.

The President-Elect is elected for a term of two years and automatically becomes CAP President at the end of that two year term. All members of CAP are eligible to be elected a CAP Director.

If you are interested in joining the Executive, more information about positions is available on the CAP website (www.scirpus.ca/cap/tracking_by_laws.htm) or, contact CAP President (effective Jan 1, 2012), Terri Lacourse (tlacours@uvic.ca).



Congratulations to Dr. Konrad Gajewski Professor of the Year

Long-time CAP Member, Dr. Konrad Gajewski, was voted Professor of the Year in the Faculty of Arts at the University of Ottawa in 2011. This award recognizes excellence in teaching, research and service to the university community. Congratulations Konrad!



Dissertation Abstracts

John-Paul Iamonaco. 2011. *Pollen-based Inferences of Post-glacial Vegetation and Paleoclimate Change on Melville Peninsula, Nunavut, Canada*. M.Sc. Thesis. Department of Geography, University of Toronto.

Supervised by Dr. Sarah Finkelstein

Pollen analysis of a sediment core from Lake SP02, Melville Peninsula, Nunavut, Canada provides a ~6300 year record of post-glacial vegetation and climate change. Dominant local and regional taxa identified include Cyperaceae, Ericaceae, *Artemisia*, *Salix*, and *Oxyria*. Fossil pollen assemblages, pollen accumulations rates, and variations in sediment organic matter, indicate a period of optimal Holocene warmth between 5300-3900 yr BP, followed by a prolonged period of Neoglacial cooling, as well as a period of relative warmth between 1300-1000 yr BP, interpreted as evidence for the Medieval Warm Period. Variations in pollen abundances and accumulations during the 20th century suggest a response to recent warming that is unprecedented since deglaciation of the Peninsula. Comparisons of the timing and rates of multi-scale climate variations for Melville Peninsula with adjacent sites reveal a potential late Holocene shift in the boundary separating continental and maritime climate regions in the eastern Canadian Arctic.

Benjamin C. O'Reilly. 2011. *Paleoecological and Carbon Accumulation Dynamics of a Fen Peatland in the Hudson Bay Lowlands, Northern Ontario, from the Mid-Holocene to Present*. M.Sc. Thesis. Department of Geography, University of Toronto.

Supervised by Dr. Sarah Finkelstein

Pollen assemblages, peat humification and carbon:nitrogen stratigraphy were examined at high resolution in a core from a fen peatland in the Hudson Bay Lowlands, northern Ontario, to interpret the factors that drive long-term peatland dynamics. Subtle changes in the vegetation community are evident over the record, suggesting both allogenic and autogenic influences, but a fen community appears to have been resilient to external perturbations including isostatic rebound and hydroclimatic changes between 6400 and 100 years BP. Paleoclimatic reconstructions from the fossil pollen assemblages indicate that precipitation increased 3000 years BP at the end of the Holocene Thermal Maximum, and that carbon accumulation in the fen was controlled more by effective surface moisture (precipitation) than by temperature. The pollen record suggests changes over the past century, including increases in shrub *Betula*, *Alnus*, *Ambrosia*, and Cyperaceae and a decrease in *Sphagnum* spores, consistent with the observed Pan-Arctic shrub increase.

2011 CAP ANNUAL GENERAL MEETING MINUTES

GeoHydro2011
Hotel Chateau Laurier, Quebec City
August 30, 2011

Present: Gail Chmura, Les Cwynar, Simon Du Fort, Konrad Gajewski, Simon Goring, Alexandre Lamarre, Elisabeth Levac, Ben O'Reilly, Florin Pendea, Matthew Peros (CAP President, Meeting Chair), and Jeannine St. Jacques (Recording Secretary).
11 members, quorum reached.

1. Welcome, Approval of agenda.
Round table introductions, M. Peros welcomed attendees and reviewed the agenda. Agenda acceptance moved by Gail Chmura, seconded by E. Levac. Agenda approved as presented.

2. Review and acceptance of minutes from 2010 AGM.
Minutes were reviewed by attendees. L. Cwynar moved to accept minutes, Florin Pendea seconded. Minutes accepted as presented.

3. President's Report, Matthew Peros.
M. Peros reviewed the CAP President's Report. Simon Goring moved to accept report, G. Chmura seconded. Report accepted as presented. (See below for report)

4. Secretary-Treasurer's Report, Mary Vetter
Secretary-Treasurer's Report, Mary Vetter (in absentia).
Report was reviewed by attendees. Florin Pendea suggested making the CAP student award bigger. Les Cwynar moved to accept report, Gail Chmura seconded. Report accepted as presented. (See below for report)

5. Auditor's Statement, Dennis Braman. (in absentia).

Report was reviewed by attendees. Elisabeth Levac moved to accept report, Konrad Gajewski seconded. Report accepted as presented. (See below for statement)

6. Newsletter Editor's Report, Terri Lacourse. (in absentia).

Report was reviewed by attendees. Gail Chmura moved to accept report, J. St. Jacques seconded. Report accepted as presented. (See below for report)

7. Website Editor's Report, Alwynne Beaudoin. (in absentia).

Report was reviewed by attendees. Some happy discussion that *Lycopodium* tablets are available again. It was noted that they do not dissolve easily and that an HCl bath is needed. A bottle contains 250 tablets. Discussion that the spike in CAP website accesses in 2007/2008 was probably due to the website's posting of Pierre Richard's Pollen Atlas on-line. Florin Pendea moved to accept report, Elisabeth Levac seconded. Report accepted as presented. (See below for report)

8. Report on Student Awards, Matthew Peros.

Florin Pendea moved to accept the report of the student award, J. St. Jacques seconded. Report accepted as presented. (See below for report and further discussion under item 11-40)

9. Election of CAP Executive.

Mary Vetter (Secretary/Treasurer) and Alwynne Beaudoin (Website Editor), both CAP Executive members, have volunteered to serve another year in their respective positions. Gail Chmura moved that they be commended and thanked for this in the Minutes and the Newsletter, J. St. Jacques seconded this. Changes will occur as President, News-

letter Editor and IFPS Councillor. Terri Lacourse is President-Elect and will take over as President. Florin Pendea volunteered to become Newsletter Editor (a position that is busy twice a year). Simon Goring volunteered to stand as IFPS Councillor. The latter two positions have to be nominated and confirmed by a nominating committee organized via e-mail. Simon Goring moved to continue to other business, Les Cwynar seconded.

10. Location for 2012 AGM.

It was agreed to discuss this by e-mail as it remained unresolved. Possibilities are: GAC/MAC, AMQUA, AAG, CAG and the AGU. Gail Chmura moved to continue to other business, Jgcppkpg St. Jacques seconded.

11. Priorities and goals for CAP in future.

This item was merged with (12) below. General discussion concerning the CAP student award. J. St. Jacques suggested raising it to \$300. Konrad Gajewski suggested two awards: one \$200, a second \$100. Gail Chmura and Les Cwynar suggested removal of requirement that the award be spent on research. Simon Goring suggested a student travel award. A majority present voted to increase the award to ~\$300. Gail Chmura moved that the research requirement be removed or broadened, J. St. Jacques seconded this. The CAP student ward should be advertised on the website and on various listservers such as paleoclimate. M. Peros indicated that no changes would be made to the award without approval of the Executive.

Some discussion on CAP's focus: Quaternary (3/4 membership) versus Pre-Quaternary (1/4 membership)? Gail Chmura, Les Cwynar, Florin Pendea, and J. St. Jacques all argued that the focus should stay broad and all members from all temporal periods are welcome.

12. Any other business.

13. Adjournment.

Konrad Gajewski moved to adjourn, Florin Pendea seconded.

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CAP President's Report 2010

It is my pleasure to be able to report on CAP's activities since the last AGM. I am now near the end of my tenure as President of CAP, and it has been a privilege to serve. I would like to start by welcoming all of the new members who have recently joined our organization. And I especially want to thank the Executive—Mary Vetter, Alwynne Beaudoin, Terri Lacourse and Jean Nicolas Haas—for their valuable time and effort. Thanks also go to Dennis Braman for serving as Cuditor.

This year's Annual General Meeting is taking place on August 30th in historic Québec City, during the GeoHydro2011 Conference—the joint meeting of CANQUA, the Canadian Chapter of the International Association of Hydrogeologists, and l'Association d'hydrogéophysique du Québec. I would like to thank the conference organizers, especially Christine Rivard of the Geological Survey of Canada, for allowing us to hold our AGM during this event and for covering the cost of room rental.

As you will see from the following executive reports, CAP is in a good position in terms of both finances and membership. We currently have close to 70 members in good standing, and our funds are the highest they have been in some time, due in part to the

generosity of the organizers of last year's Joint Meeting of the AASP, CAP, and CPC, who returned the profits made through the conference registration to the organizations whose members participated in the event. This situation will allow us to continue to support our annual student award, among other activities.

Our current membership remains strong, but we are always looking for new members, especially among students. We hope that having a presence at meetings such as this will act as a vehicle for recruitment. We are also continually looking for submissions to the CAP newsletter, which is an excellent way to disseminate the activities of CAP members. I also invite our members to read the website editor's report as many new items have been added to the CAP web page over the past year or two. We welcome suggestions and CAP-related contributions (please go to: <http://www.scirpus.ca/cap/cap.shtml>).

I sincerely hope that you enjoy the conference.

Respectfully submitted,

Matthew Peros
CAP President 2010-2011
August 26, 2011

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2011 CAP Secretary-Treasurer's Report

Membership Report

As of 1 August 2011, CAP has 66 members in good standing who have paid dues for 2011. This is comparable to the 66 members

we had in 2009 and 64 in 2010. The recovery of our membership from the low point in 2005 appears stable.

Year	Members
2002	53
2003	54
2004	43
2005	36
2006	47
2007	51
2008	58
2009	66
2010	64
2011	66

I would like to extend a special welcome to our new members:

Dr. Linah Ababneh, White Mountain Research Station, Bishop, CA

Miranda Brintnell, University of Victoria, Victoria, BC

Calvin Chan, Geology Department, University of Toronto, Toronto, ON

Russ Harms, Global Geolab Ltd., Medicine Hat, AB

Dr. Kam-biu Liu, Department of Oceanography and Coastal Sciences, Louisiana State University, Baton Rouge, LA

Charlie Turton, Department of Natural History, Royal Ontario Museum, Toronto, ON

Financial Report

For the period ending 1 August 2011, the balance in the CAP account is \$6,628.78 (compared to \$5,146.64 at the 2010 AGM).

Of this amount, \$530 represents pre-paid memberships for future years.

CAP had contributed \$400 to a coffee break at the Nova Scotia 2010: Joint Meeting of AASP-CPC-CAP. The meeting concluded with a small positive balance, and so CAP was refunded the cost of the coffee break and also received a proportionate share (\$1,172.14) of the positive balance; a total therefore of \$1,572.14 was received. This represents essentially the growth in our bank balance over the past year.

In general, membership receipts during the year balance expenditures.

The following item is yet to clear our account: IFPS dues for 2011: Dues are \$1.50 USD per member, so the amount owed at the present time is \$99.00 USD (approximately \$99 CAD). The cheque has been mailed but has not yet cleared the bank account.

Recommendations

Paying the outstanding commitment will still leave a healthy balance in our account. Our regular annual charges are IFPS dues (\$1.50 USD per member), the annual corporation renewal fee (\$25 + GST), and the CAP student award (\$200). CAP is in a good financial position to continue to support outreach initiatives at conferences (e.g. coffee breaks) and sponsor sessions as desired.

Respectfully submitted,

Mary Vetter

CAP Secretary/Treasurer
August 1, 2011

Statement by Appointed Auditor

I have reviewed the financial statements for CAP and it is my opinion that the financial statement represents a full and fair account of the financial affairs of the Canadian Association of Palynologists for the period September 25, 2010 to August 1, 2011.

Dennis R. Braman

Dennis R. Braman

August 3, 2011

Financial Statement for 25 September 2010 to 1 August 2011

Opening Balance		\$5146.64
Revenue	membership dues	\$646.33
	interest earned	\$0.50
	Nova Scotia 2010 reimbursement	\$1572.14
Expenses	Nova Scotia 2010 Student Award	-\$309.30
	2009 and 2010 IFPS membership dues	-\$199.50
	CAP annual registration fee	-\$28.03
	2011 CAP Student Award	-\$200.00
Closing Balance		\$6628.78

The closing balance includes 53 prepaid annual memberships in the amount of \$530.00 for the years 2011-2016. This will affect the income from this source for the years indicated. The cheque for 2011 IFPS dues (\$99 USD) has not yet cleared the account.

Respectfully submitted,

Mary Vetter

CAP Secretary/Treasurer
August 1, 2011

CAP Newsletter Editor's Report 2011

Since my last report, two issues of the CAP Newsletter have been produced. The December 2010 Newsletter (Vol. 33, No. 2) was distributed to CAP members on December 9, 2010 and consisted of 22 pages. This volume featured an article on the recipient of the 2010 CAP Student Research Award, Matt Batina at the University of Southern Mississippi. As per CAP Bylaws, this issue also included minutes of the 2010 CAP Annual General Meeting.

The May 2011 Newsletter (Vol. 34, No. 1) was distributed to members on May 15, 2011. It consisted of 13 pages and included an article on the 2011 CAP Student Research Award winner, Laura May at the University of Victoria. This volume also included a call for new CAP Executive Directors and a book review of *Oket qequo qu* by Alwynne Beaudoin.

Although the Newsletter is distributed electronically to our members, I continue to send hard copies to four libraries that accession the Newsletter. Past Newsletters are available on the CAP website. Contributions for the next issue of the Newsletter will be accepted until November 15, 2011. The December 2011 Newsletter will be the last Newsletter for which I serve as Editor, as I will become CAP President effective January 1, 2012.

Respectfully submitted,

Terri Lacourse
CAP Newsletter Editor
August 1, 2011

CAP Website Editor's Report 2011

I have continued as editor for the CAP website since the last AGM. The presentation is located at <http://www.scirpus.ca/cap/cap.shtml>, under my own domain (www.scirpus.ca). There are no costs to CAP associated with this hosting. Accesses to the presentation have declined in the last few years, but remain around 550 to 800 each month.

The presentation provides various resources and information about CAP to the palynological community. I continue to update time-sensitive sections, such as the conference listing and various announcements. Information about the CAP Student Research Award and the application process, as well as a year-to-year record of the Award recipients, is also included. Back issues of recent CAP Newsletters (though not the latest issue) are archived, making them available to members over the long-term. I have maintained the author listing and index to past CAP Newsletter issues. I have also recently updated some other sections. For example, the Equipment and Laboratory Supplies page now contains information about the latest batch of *Lycopodium* tablets. When I come across them, I have been adding DOIs to the publications lists in the Library section.

The main change during the last year has been the “munging” of e-mail addresses and the removal of active links for e-mail contact information in the on-line CAP Directory and most other parts of the presentation. This has been done in response to some discussion around the issue of “harvesting” of e-mail addresses by web page crawlers and their subsequent use for spam. Munging addresses does not eliminate this prospect; a program that is intelligent enough to recog-

nize bluebulrush@gmail.com as an e-mail address will probably also recognize the munged version, bluebulrush[at]gmail[dot]com. Nevertheless, munging should minimize more casual harvesting. Unfortunately, any open on-line web directory is prone to harvesting. People who ask for their details to be included in the CAP Directory want to make their co-ordinates known to the palynological community. The downside to this is that these details are then known to anyone (or any crawler) who looks at that page. To monitor this, I'd appreciate being informed if CAP members are experiencing any problems with the Directory listing or any other components of the website.

As always, I am keen to include more CAP-related material in the web presentation. I would be pleased to receive suggestions or content for new components to broaden its appeal. If CAP members agree, I am prepared to serve as the Association's Website Editor for another year.

Respectfully submitted,

Alwynne B. Beaudoin
CAP Website Editor
August 13, 2011

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CAP Student Research Awards

In the period following the 2010 AGM, CAP sponsored two student awards: the first was our now-regular annual student award; and the second was a one-time poster award made in conjunction with AASP-The Palynological Society during the Halifax meeting when the AGM was held (the poster evaluations were undertaken immediately after the 2010 AGM).

For our annual student award, the CAP award committee unanimously selected Laura May of the University of Victoria as the winner, for her work on the morphology of *Alnus* pollen.

For the poster award at the Halifax meeting, the judges decided that first place would be split between Laura May of the University of Victoria and Robby Marrotte of McGill University. Both students prepared excellent posters highlighting important methodological advances for the taxonomic identification of palynomorphs.

Respectfully submitted,

Matthew Peros
CAP President
August 26, 2011



Post-Doctoral Fellow
Opportunity:
GSC-Calgary

The Geological Survey of Canada in Calgary is contemplating the establishment of two post-doctoral fellowships in the field of paleontology. Fields to be covered are Paleozoic conodonts and Paleozoic palynology, with project details open for discussion.

Please let appropriate candidates know of this opportunity. Potential candidates should send their resume and date of availability to Godfrey Nowlan (gnowlan@NRCan.gc.ca).



2012 Conference Calendar

May 28-30: Geological Association of Canada/Mineralogical Association of Canada Meeting

St. John's, Newfoundland
Theme: Geoscience at the Edge
<http://stjohns2012.ca>

May 28-June 2: Canadian Association of Geographers Annual Meeting

Waterloo, Ontario
<http://env.uwaterloo.ca/cag2012/en>

June 21-24: 22nd Biennial Meeting of the American Quaternary Association

Duluth, Minnesota, USA
www.amqua.org

July 7-11: Botany 2012

Columbus, Ohio, USA
www.2012.botanyconference.org

July 21-25: AASP—The Palynological Society 45th Annual Meeting

Lexington, Kentucky
www.palynology.org/meetings.html

Aug 5-10: 34th International Geological Congress

Brisbane, Australia
www.34igc.org

Aug 5-10: 97th Ecological Society of America Annual Meeting

Portland, Oregon, USA
www.esa.org/portland/

Aug 21-24: 12th International Paleolimnology Symposium

Glasgow, Scotland
www.paleolim.org

Aug 23-30: 13th International Palynology Congress / 9th International Organisation of Paleobotany Conference

Tokyo, Japan
http://www.psj3.org/IPC_IOPC_2012/

Sept 3-7: 5th European Aerobiology Society Conference

Krakow, Poland
www.5esa.cm-uj.krakow.pl

Sept 15-24: 29th Annual Meeting of The Society for Organic Petrology / 64th Meeting of the International Committee for Coal and Organic Petrology

Beijing, China
www.tsop.org

Nov 4-7: Geological Society of America 124th Annual Meeting

Charlotte, North Carolina, USA
www.geosociety.org/calendar



**Dr. Vaughn Bryant's
 Pollen Analysis of
 White House Honey**

Check out the story on Vaughn Bryant's (Texas A&M) analysis of White House Honey.

<http://www.mnn.com/food/healthy-eating/blogs/white-house-honey-analyzed>

CAP MEMBERSHIP FORM

Canadian Association of Palynologists / Association Canadienne des Palynologues (CAP) membership is open to all members of the palynological community in Canada and others with an interest in Canadian palynology. The Association is dedicated to the advancement and encouragement of all aspects of palynology in Canada and the promotion of co-operation between palynologists and those engaged in related fields of study. Membership dues include two issues a year of the *CAP Newsletter*, to which all members are invited to contribute. CAP is affiliated with the International Federation of Palynological Societies (IFPS) and members receive two issues of the IFPS newsletter (*PALYNOS*) each year.

CAP membership dues are \$10 per year in Canadian or US funds payable at the beginning of the year. Lapsed members are removed from the mailing list after one year, following a reminder. Members may, if they wish, pay for up to three years in advance. To join, please fill out the membership form, by hand or in Adobe Reader®, and send it with a cheque (drawn on a Canadian or US bank) or money order payable to CAP to:

Dr. Mary Vetter, CAP Secretary-Treasurer, Luther College, University of Regina, Regina, Saskatchewan, S4S 0A2 CANADA

Name: _____

Affiliation: _____

Address: _____

Tel: _____ FAX: _____

E-mail: _____

Web page URL: _____

Research interests: _____

New membership Renewal Amount enclosed: _____

May we include your name/address/research interests in the on-line "Directory of Palynologists" in the CAP World Wide Web page? Yes No



CONICET
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CONICET - Mendoza



Darwin and the highest Andes



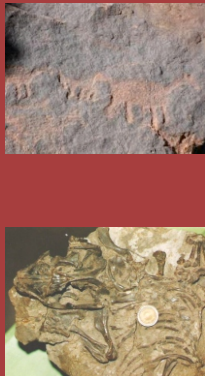
A Paleozoic journey through the Argentine Precordillera



A Cretaceous marine odyssey in the Neuquén Basin



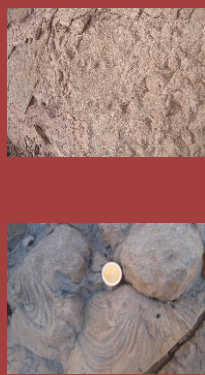
A continental Triassic voyage



Dinosaurs of the Neuquén Group



Ichnology throughout the Paleozoic in the Atuel Canyon



Late Cretaceous dinosaur tracks and littoral biota



4th INTERNATIONAL PALEONTOLOGICAL CONGRESS

The history of life:
a view from the Southern Hemisphere

Mendoza, Argentina, September 28th – October 3rd, 2014

The 4th IPC will be an International Congress reflecting the directions of paleontology in the 21st century. The meeting will be held in Mendoza, Argentina, an attractive and easily accessible city, that offers a wide range of opportunities to participants of all backgrounds. Mendoza is renowned for its location, at the foot of the Andes with many tourist attractions to explore, and for being one of the most famous wine-producing regions in the world.



Local organizers are planning a comprehensive congress with an intellectually motivating scientific program. The congress will create opportunities for participants to present and share experiences, explore new directions and debate topics among specialists from across the globe. A varied array of meeting styles with a combination of keynote lectures, special symposia on leading issues, interactive workshops, technical sessions, and short courses promises to hold sessions of interest to all paleontologists.

Delegates will have the opportunity to enjoy a wide range of conference excursions to rich and well-known Argentinean paleontological sites involving a combination of scientific and touristic attractions. The schedule of field trips covers superbly exposed sedimentary successions, representing a great diversity of marine and continental palaeoenvironments, and encompasses near the whole stratigraphic record.

Contacts:

ipc4chairs@mendoza-conicet.gov.ar
ipc4secretary@mendoza-conicet.gov.ar

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