

THE VICTORIAN GEOLOGIST



THE GEOLOGICAL SOCIETY OF AUSTRALIA

August 2014

Victoria Division

General Meeting

Thursday 28th August at 6:15 p.m.

Dating dinosaurs: palynological contributions to the investigation of Victoria's unique polar Cretaceous tetrapod assemblages

Dr. Barbara Wagstaff

School of Earth Sciences, University of Melbourne

GSAV Committee Treasurer

Fritz Loewe Theatre, School of Earth Sciences, University of Melbourne

Talk will be preceded by drinks from 5:30 pm in the 4th floor tearoom, cost \$2

Three decades of excavation of Early Cretaceous coastal outcrop in Victoria by Museum Victoria, Monash University and teams of volunteers has yielded a valuable record of vertebrate life (including dinosaurs). This talk will present the journey undertaken, and the results, of over 30 years of palynological research with the dinosaur diggers. Not only has this research resulted in dating the sites but has also led to a better understanding of the spore-pollen biostratigraphy for the Early Cretaceous in Victoria, recorded environmental changes through time, and plotted the migration of the first angiosperms into the extreme south of the Australian continent.

THE SELWYN SYMPOSIUM

The Geological Society of Australia Victoria Division invites you to the

SELWYN SYMPOSIUM 2014

Friday 3 October 2014

Elizabeth Murdoch Theatre, Old Pathology Building
University of Melbourne, Parkville

The Nullarbor Plain: Recent Advances

The Geological Society of Australia (Victoria Division) Selwyn Memorial Lecture and Symposium commemorate the work of A.R.C. Selwyn, the first Government Geologist of Victoria. The world's largest continuous karst area, the 200,000 km² Nullarbor Plain, is a flat, mostly treeless limestone plain terminating abruptly at a cliff-line that mostly falls sheer into the sea. The flat-lying Eocene-Miocene shallow marine calcarenites host >150 collapse dolines and ~100 caves with substantial, sometimes very large passages, as well as a huge number of blowholes. The caves and their contents, the karst landscape chronology and the environmental setting have been subject to significant exploration and research. This symposium brings together leading researchers who have brought new techniques and discoveries to a fascinating landscape.

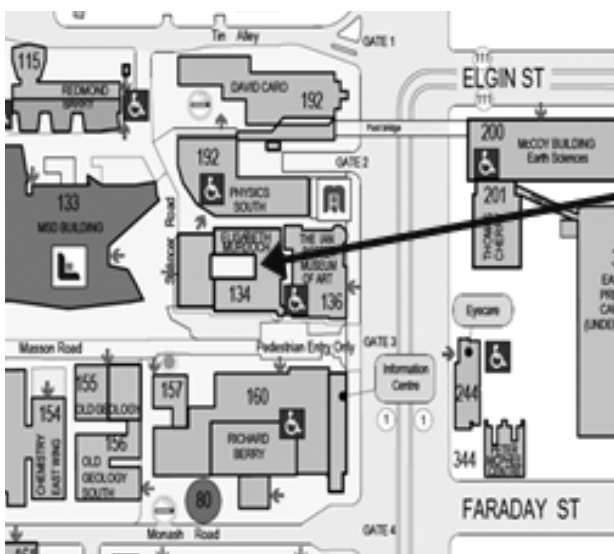
Presenters include: A/Prof John Webb (Latrobe University); Prof Jon Woodhead (Melbourne University); Dr John Hellstrom (Melbourne University); Dr Alison Blyth (Curtin University); Ms Ellen Shute (Flinders University); Dr Kale Sniderman (Melbourne University); A/Prof Russell Drysdale (Melbourne University); Mr Shannon Burnett (Latrobe University); Mr Ian Lewis (Latrobe University); Ms Liz Rogers (Cave Divers Assoc Aust & VSA), Dr Gresley Wakelin-King & Dr Susan White (Latrobe University and Wakelin Associates).

PROGRAM: Detailed program available soon.

Selwyn Lecture, Elizabeth Murdoch Theatre, Old Pathology Building @ 6.00 pm by:

Professor Paul Williams, University of Auckland, presenting:

Downstream Reflections of an Upstream Environment



Elizabeth Murdoch Theatre.
Building 134 (Room G06),
Spencer Road; (Campus Map
Reference: F 20)

Extra Directions: Enter the theatre foyer at ground level through the marble doorway and large glass doors very near to Castro's Café (this is the outdoor café with the large wooden tables). You exit the theatre through the same door. Please note that there is no access to this theatre from any of the other doors into Elisabeth Murdoch Building.

THE SELWYN SYMPOSIUM

Registration and Payment:

Non GSA members	\$95
Members	\$80
Students	\$55

Cost includes Lunch, morning/afternoon teas, abstract volume. Selwyn Dinner is extra.

Payment may be made at Registration on the day but it is important to book. Payment in advance can be made by cheque.

Print this form off and forward with payment to:
Dr S. White 123 Manningham St Parkville 3052

Booking can be also be via the GSA (Vic) website www.gsavic.org/

BOOKING FORM

I/we wish to attend The 2014 Selwyn Symposium

Cost: \$95 non GSA members; \$80 GSA members \$55 for full time students (all costs GST inclusive).

Name (s) & affiliation: _____

Email: _____ Tel: _____

Please select the event you wish to attend:

I/we will be attending the Selwyn Symposium

I/we will be attending the FREE Selwyn Lecture (RSVP: to guarantee a seat)

I/we wish to go to the Selwyn Dinner @ 8.00pm (Details and costs of this will be provided soon on the website).

FREE BOOKS AND OTHER NEWS

Free books, maps, etc.

Bernie Joyce will be leaving what might be the last books, papers and maps he still has to give away in the School of Earth Sciences Tea Room, to be available to GSA members at the August meeting.

The Life of Alfred Howitt

The life of geologist, anthropologist and explorer Alfred William Howitt has recently been the focus of the PhD research of Dr. Jenny Herbert. A book based upon his life will soon be published. The Victorian Geologist will have more details for GSA members in the next edition...Watch this space!

KARST AND THE CLIMATE RECORD 7

KR7 Down Under

7th International Conference

Climate Change: The Karst Record

Melbourne, Australia, 29 September - 3 October 2014

A three day oral and poster presentation program with the option of attending the Selwyn Symposium for Nullarbor karst enthusiasts. Pre-, mid- and post-conference field trips to karst regions of eastern Australia and New Zealand. Workshops on karst hydrology and speleothem petrography, geochronology, and geochemistry.

Themes:

Frontiers in speleothem science
 Cave/karst monitoring
 Recent climate – the last 2 kyr
 Millennial and orbital scale climate change
 Speleothem records of environmental events

Field Trips:

Pre-conference: E. Australian caves extravaganza:

September 22-28: A tour of karst environments in the Southeastern Highlands of Australia, ending with a winery visit.

Mid-conference:

October 1: A chance to see the spectacular coastal geomorphology of the Great Ocean Road, Victoria.

Post-Conference: New Zealand Caves – Spectacular Scenery, Spectacular Caves, Spectacular Palaeoclimatology:

October 4-10: A trip through a great variety of karst environments both the South and North islands of New Zealand.

Conference fees:

Registration	Full	AUD	\$450
	Student	AUD	\$250

Registration, social function and field trip payments are being handled through the University of Melbourne eCommerce site, <http://ecommerce.science.unimelb.edu.au>

More information can be found at <http://www.kr7.org/KR7.org>



The AusIMM Central Victoria Branch and AIG Victoria Branch
jointly presents

New Perspectives Workshop 2014

The topics that will be covered:

- Synthesis of the South-East Lachlan Fold Belt
- Evolution of Concepts in SE Australia Geology
- Timing and Spatial Relationships with Mineralisation

Early Bird offer ends 17 August 2014

Cost:	AusIMM member	\$125.00
	AIG member	\$125.00
	Non-member	\$150.00

Registration from 18 August 2014

Cost:	AusIMM member	\$150.00
	AIG member	\$150.00
	Non-member	\$175.00
	Student	\$ 60.00

Confirmed speakers include:

- **Ross Cayley, Geological Survey of VIC**
The Lachlan Orocline of Eastern Australia
- **Bob Musgrave, Geological Survey of NSW**
The Underbelly of the Lachlan Orocline: Origins and Distribution of the Middle Crust in the Tasmanides
- **Ross Large, University of Tasmania**
A New Genetic Model for Bendigo Goldfield

Date: Thursday 11 September

Time: 8:30am-5:00pm

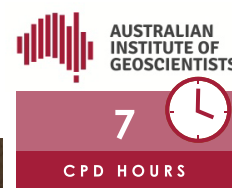
Location: Cope-Williams Winery
160 Glenfern Rd, Romsey
www.copewilliams.com.au

Includes: Morning and afternoon tea
Lunch
Complimentary drink

Registrations will close on Sunday 7 September 2014

<http://bookings.aig.org.au/vic-perspectives-workshop-sep-2014/>

For enquiries, please contact centralvic@ausimm.com.au



STUDENT FUNDING OPPORTUNITIES**Geological Society of Australia (Victoria Division) Student Research Scholarships**

The scholarship is valued at up to \$500 for travel within Australia and \$700 for travel outside of Australia. The number of and value of the scholarships awarded each year is made at the discretion of the GSA(Vic) committee.

Funding will not be granted retrospectively and applicants are asked to submit forms no later than 6 weeks prior to their trip to give the committee time to consider the application.

**Eligibility**

Applicants must be members of the GSA and enrolled in a full-time degree at a Victorian Tertiary institution and undertaking research in Geology. The scholarship will be awarded to assist with conference travel for honours and postgraduate students, who are presenting (either poster or talk) at the conference.

Honours and postgraduate students that receive this scholarship will be required to submit a report for publication in 'The Victorian Geologist' newsletter following to their trip. A presentation may also be requested by the committee, which will consist of a short 10-15 minute presentation prior to the monthly seminar.

Students who have previously received a GSAV research scholarship are not eligible. Scholarships and bursaries from other sources are acceptable.

Applications forms can be scanned and emailed to: secretary@vic.gsa.org.au

or mailed to:

Geology Research Scholarships Victoria
Geological Society of Australia (Victoria Division)
GPO Box 2355
Melbourne VIC 3001

More information can be found by contacting Barbara Wagstaff (wagstaff@unimelb.edu.au)

Something interesting to share? Want to see your name in print?

Don't be bashful, contribute to the GSA(V) monthly newsletter!

If there are any events, happenings, news, or views that would be of interest to the membership, please send your details and information to Kieran Iles at kiles@student.unimelb.edu.au

We'd be glad to hear from you

FORTHCOMING SEMINARS AND EVENTS

to be presented at
GSA (Victoria Division) meetings

Note: unless otherwise indicated, all 2014 talks will be held in the Fritz Loewe Theatre, Earth Sciences Building, University of Melbourne.

August 28th:

Monthly Meeting: Barbara Wagstaff

Dating Dinosaurs (talk previously given to PESA on July 16th 2004)

September 29th - October 3rd:

Karst and the Climate Record 7:

More details on page 4 and at <http://www.kr7.org/KR7.org>

Selwyn Symposium:

Selwyn Lecture given by Professor Paul Williams.

See pages 2-3 for details.

Please welcome our newest members

Robert Hewson



Visit the GSAV on www.vic.gsa.org.au or the GSA on www.gsa.org.au
• Renewing your GSA membership is easy - it can now be done online. •

CONSIDER CONTRIBUTING TO TAG!

It is member contributions which make TAG a member magazine – please keep the contributions coming and assist with informing all of the membership (not just your Division) about your activities.

Please send your news to: tag@gsa.org.au



GSA (VICTORIA DIVISION) COMMITTEE

Please address all correspondence to the GSA Victoria Division
GPO Box 2355, Melbourne, VIC, 3001
Internet address: www.vic.gsa.org.au

OFFICE BEARERS

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Vice-chair: position vacant
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Treasurer: Barbara Wagstaff 8344 6537 (BH)

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Newsletter deadline:

First Friday of the month except Dec & Jan
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