

**EXPEDITIONS AND EVENTS – ON THE HORIZON – JANUARY 2022 ISSUE**

**Updated 2 March 2022**

**RECENT ADVENTURES**

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| **A happy Wintinna Expedition sundowner**  **October 2021** | **Professor Jim Gehling with**  **Charniodiscus at the Ediacaran fossil site**  **September 2021** | **Victoria Fossil Cave, Naracoorte**  **October 2021** |

**THE EVENING EVENT SERIES**

Following the success of the *Coming Out Series* (July 2020-June 2021) profiling Museum’s scientists, your Club plans to feature an *Evening Event Series* in 2022 with, on average, one Event every two months. Some are included in this Issue and others will be announced later in the year. All Events will feature wine and pre-dinner canapes - a great opportunity to socialise with other members and make new friends. Watch out for the invitations in your inbox.

**ARE YOU INTERESTED IN A VOLUNTEER ROLE WORKING WITH MUSEUM SCIENTISTS?**

Dr Elizabeth (Liz) Reed is looking for volunteers to work regularly for a day each month sorting fossils from the Naracoorte Caves. Club member Carol Ireland is the Project Organiser. More information will be available in the New Year. WATCH THIS SPACE! (If you have already registered your interest with the Club office, Carol Ireland, or Mark Mussared you do not need to re-register).

**COMING UP – SAVE THESE DATES IN 2022**

**Friday 1 April to Sunday 3 April 2022 – Wait List Only**

**Saving the Western Pygmy Possum – A Citizen Science Project: Expedition 4.**

Facilitated by the Museum’s Professor Steve Donnellan, our Club was invited to be involved in a three-five-year Citizen Science Project which aims to ensure the survival of the Western Pygmy Possum. This expedition will be based in the Riverland with accommodation on houseboats.

**Expedition Leaders:** Gaye and Tim Fischer

**Tuesday 5 April 2022**

**Evening Event in the Museum’s Pacific Cultures Gallery, 5.30 to 7.15 pm**

**The Museum’s involvement in nationally significant Citizen Science Projects**

The Museum’s Professor Steve Donnellan, Head of Science, and Dr Erin-Fagen Jeffries, Entomologist, will brief us on biodiversity education and new species discovery initiatives, involving schools and local communities in collecting and identifying bats, frogs, and insects.

**Event organisers:** Margie Heylen and Nat Rollinson

**Wednesday 6 and Thursday 7 April 2022 – Postponed until early 2023 due to COVID impact on the Raukkan Ngarrindjeri Community (refer Evening Presentation 2 August 2022).**

**Murray, Middens, and Mulyawonks: Cross-cultural perspectives on biodiversity conservation along the Lower Murray**

This expedition will focus on visiting good news stories, where environmental protection and restoration has led, or is leading, to the conservation and return of biodiversity as well as the ecosystem services that it provides. The expedition will feature Mark Koolmatrie, Ngarrindjeri Elder and Director of the Tribal Expertise Facility, and the Museum’s Dr Philip Jones.

**Expedition Leader:** Phillip Weinstein

**Tuesday 3 May 2022**

**Evening event in the Museum’s Pacific Cultures Gallery, 5.30 to 7.15 pm**

**Total Solar Eclipses – Spectacular and Awe-inspiring Natural Wonders**

presented by Dr Rod Hill, former Chief Research Scientist and Group Executive in CSIRO, and Pro Vice Chancellor at Monash University, a bona fide ‘Eclipse Chaser’.

Imagine what it would have been like in ancient times to witness the Sun’s life-giving light suddenly cut off and the day transformed into a mysterious and fearsome twilight. Nowadays, total eclipses are very well understood and can be predicted accurately for many thousands of years into the future. They have been the source of significant insight into many scientific phenomena, including, in 1919 the first empirical evidence of Einstein’s Theory of Relativity.

**Event Organisers:** Tim Tolley, Margie Heylen and Natalie Rollinson

**Tuesday 7 June 2022**

**Evening Event in the Museum’s Pacific Cultures Gallery, 5.30 to 7.15 pm**

**Mawson’s Gap Year in the South Pacific**

When Sir Douglas Mawson was but a young man, still searching for the career path that would lead him to Antarctica, he set off in the opposite direction to conduct a geological survey of Vanuatu. The Museum’s Mark Pharaoh (Mawson Centre, Senior Collection Manager) and Dr Stephen Zagala, World Cultures Research Fellow) will retrace Mawson’s Pacific sojourn and explain the ongoing importance of his early research in the tropics.

**Event Organisers:** Tim Tolley and Nat Rollinson

**Tuesday 2 August 2022**

**Evening event in the Museum’s Pacific Cultures Gallery 5.30 to 7.15 pm**

**Murray, Middens, and Mulyawonks: Cross-cultural perspectives on biodiversity conservation along the Lower Murray**

In advance of the planned two day expedition early in 2023, all Club members are invited to this Evening Presentation on diverse topics, presented by Mark Koolmatrie, Ngarrindjeri Elder and Director of the Tribal Expertise Facility, the Museum’s Dr Philip Jones and our Club President, Professor Phil Weinstein.

**Event Organisers:** Margie Heylen and Nat Rollinson

**Monday 22 to Thursday 25 August 2022**

**Ediacara Fossils and the Acraman Meteorite: An expedition to the Flinders Ranges**.

Associate Professor Diego Garcia Bellido will take us to the Ediacaran fossil site in the Flinders Ranges, the home of the State’s fossil emblem *Spriggina*. Professor Garcia Bellido is an expert on the Ediacaran fauna and these fossil beds in particular. He will show us evidence of first complex life on earth – fossil specimens of such high quality that this location has given its name to a new geological era. We also plan to have Associate Professor Victor Gostin, University of Adelaide, interpreting the impact of the Acraman Meteorite in the Flinders Ranges.   
**Expedition Leaders:** Gary Sjoberg and Gillian Sneddon

**Saturday 17 September to Sunday 18 September 2022**

**Saving the Western Pygmy Possum – A Citizen Science Project. Expedition 5.**

Refer to information Expedition 4, 1-3 April on page 1. Expedition 5 will be based in the Mid North. More information will be provided later in the year.

**Expedition Leaders:** Gaye and Tim Fischer

**Tuesday 18 October 2022 – At the Museum, venue to be advised.**

**Waterhouse Club Annual General Meeting**

Save the date for this annual event, more information towards the end of September.

**Event Organisers:** Natalie Rollinson and Margie Heylen

**Late October 2022 Deferred until 2023.**

**In the footsteps of George French Angas – painting true vistas**

An expedition to the Mt Gambier Region led by Dr Phillip Jones following in the footsteps of one of Angas’s painting expeditions

**In lieu of Mt Gambier, refer IN GESTATION 2022 Expedition to the Barossa Region.**

**Expedition Leader:** Tim Tolley

**November 2022 – dates to be advised**

**Naracoorte Caves in Depth - A Weekend of Palaeontological Discovery in the World Heritage listed Naracoorte Caves**

A repeat of a very successful expedition, this expedition will give members access to key fossil sites and caves, and hands-on fossil sorting experience. Expeditioners will meet research scientists including Dr Liz Reed, Honorary Research Associate with the South Australian Museum, who is a vertebrate palaeontologist specialising in Quaternary aged cave deposits. The expedition will include a visit to the Bat Observation Centre Cave to observe the southern bent-wing bats which reside in Bat Cave and maybe an opportunity for tasting some local wines.

**Expedition Leader:** Mark Mackintosh

**Thursday 7 to Tuesday 12 September 2023 – Wait list only.**

**Coral Atoll #2 Expedition on ‘True North’**

We have welcomed the opportunity for Australian coastal cruising on one of True North’s signature offerings, designed specifically for the Waterhouse Club. The itinerary for the Coral Atoll cruise can be found on the True North website: [www.truenorth.com.au](http://www.truenorth.com.au). The uniqueness of the Waterhouse Club expedition is having on board the Museum’s Head of Science, Professor Steve Donnellan who will present to us on the major scientific issues relating to the seamounts that rise from the edge of the continental shelf.

**Expedition Leader:** Ant Simpson

**IN GESTATION 2022 AND BEYOND**

**Lake Acraman Region Expedition**

**The proposed expedition will not proceed as research revealed the Acraman meteorite ejector impact site is not readily accessible.**

**August or September 2022 – 3 day, 2night expedition dates to be advised**

**In the footsteps of George French Angas – painting true vistas**

This 2 day expedition will be to the Barossa Valley region led by Dr Phillip Jones following in the footsteps of one of Angas’s painting expeditions, homing in on some of his paintings and locating the likely vantage points from which he made the original drawings. Angas’ observations on natural history, geology, and Aboriginal culture will also be part of the theme of the expedition.

**Expedition Leader:** Tim Tolley

**November 2022 – date to be advised**

**Granites and Glaciers revisited**

We are privileged to have Adjunct Professor Jim Jago (Honorary Research Associate South Australian Museum), to lead us on a geological investigation through The Bluff, Victor Harbour, and Port Elliot. Jim will take us back in time at various locations to almost 520 million years ago.

**Expedition Leaders:** Trevor and Carol Ireland

**Early 2023 – dates to be advised**

**In the footsteps of George French Angas – painting true vistas**

An expedition to the Mt Gambier Region led by Dr Phillip Jones following in the footsteps of one of Angas’s painting expeditions, homing in on some of his paintings and locating the likely vantage points from which he made the original drawings. Angas also made observations on natural history, geology, and Aboriginal culture, which will be brought into the theme of the expedition.

**Expedition Leader:** Tim Tolley

**2023 - subject to Covid travel restrictions**

**Morocco and Canary Islands**

Experience the history, architecture, culture, landscape and natural history of Morocco and the western Canary Islands with the Museum’s Spanish palaeontologist, Diego Garcia-Bellido. The expedition will include visits to several UNESCO World Heritage Sites, the Atlas and Anti-Atlas Mountains, the Sahara and famous trilobite sites in this area of northern Africa. We will also visit the 3,718 m-high Teide Volcano in Tenerife and the European Northern Observatory in La Palma.

**Expedition Leaders:** Trevor and Carol Ireland

**October 2023**

**The Biennial Museum Biological Survey**

This expedition will be in the tradition of the popular and highly successful biological survey collaborations between the Club and the Museum which help fill the gaps in the Museum’s knowledge of South Australian vertebrates and invertebrates. While the venue is yet to be determined, it is certain to be remote and beautiful.

**Expedition Leaders:** Rose and Alastair Dow

**All of the above dates and arrangements may be subject to change due to COVID-19 restrictions and protocols and any other unforeseen circumstances.**

**Expressions of interest for any of the above events and expeditions are invited by** email to [waterhouseclub@samuseum.sa.gov.au](about:blank) or by telephoning the Club office. Early expressions of interest assist the Club to plan with confidence. However, this does not offer priority bookings.

When invitations are distributed we will hold bookings open for one week and if more requests for bookings are received than the number of places available a ballot will be held to determine allocation of bookings and a waiting list will be maintained.

**Please note the Club’s COVID Vaccination Policy**

In the interest of protecting the health and wellbeing of members and Museum staff, the Club has adopted a policy which requires all participants to be fully vaccinated, that is two vaccinations and a booster, and to provide evidence of vaccination status before attending Club events, expeditions or other functions.