

EXPEDITIONS AND EVENTS – ON THE HORIZON - JANUARY 2019 ISSUE

Information about Waterhouse Club expeditions and events is available on your Club's website: www.waterhouseclub.com. There you will also find Expression of Interest Forms to complete on line, invitations to events and expeditions, and expedition and scientific reports. We will continue to provide paper communications to members who prefer to receive Club news that way.

RECENT ADVENTURES

Clifton Hills Biological Survey



Desert Mouse on a cold morning

Pollinators - Yorke Peninsula



The native bee hunters

Fabulous Fossils – Canada



Royal Tyrrell Museum Drumheller

COMING UP - SAVE THESE DATES

IN 2019

Sunday 3 February 2019

One Day First Aid Refresher Program

Club Member and Accredited Trainer, Ella Tyler, will deliver the HLTAIF003 Provide First Aid Program, tailored to the context of the Club's expeditions. This Program is for those who hold current certification. Expedition Leaders will have booking priority, but members may express interest and places will be offered if available.

Event Co-ordinator: Margie Heylen

Wednesday 6 February 2019 6.00 – 7.30 pm – a presentation by Professor Steve Donnellan

The Savagery of Island Life: When Big Things Get Small and Small Things Get Big

While Pacific Islands evoke images of peaceful, idyllic life, in reality they are savage evolutionary melting pots. Amongst island populations dramatic changes in body size occur including pig sized elephants, miniature Homo species – the Flores man - and gigantic rats up to 5kgs in size. In his address Professor Steve Donnellan, the SA Museum's Head of Research and Collections, will lift the lid on this evolutionary mayhem to our north, including his first hand experiences during work on some of your Club's charters of 'True North'.

Event Coordinators: Antony Simpson

19 February to 3 March 2019

To the Antarctic Peninsula in the track of John Rymill and Hubert Wilkins – Wait list only!

The Antarctic Peninsula is a location of astonishing beauty with rugged snow clad mountains, vistas of sea ice and prolific wildlife, often in staggering numbers. Travelling with us will be Mr Peter Rymill on the 85th

anniversary of the original Rymill expedition to present the adventures of his father John, and from the Museum Dr Mark Pharaoh will elaborate on the colourful life of Sir Hubert Wilkins, and Associate Professor Dr Diego Garcia-Bellido will interpret the geology and bird life.

Expedition Leaders: Mark and Caroline Mussared

1 April 2019

Keys to the Botanic Gardens, Herbarium and Seed Conservation Centre

We offer this event again in 2019, following a highly successful 2018 expedition. We will have privileged access to the State Herbarium and Seed Conservation Centre, including a visit to the extensive library which houses some remarkable references and records of specimens collected by early explorers from around the world. We will also have options to choose from guided walks around the beautifully landscaped gardens.

Event Co-ordinators: Diarshul Sandhu and Margie Heylen

June/July 2019 - Final date to be announced

Weaving the Ngarrindjeri Way

This is a one day hands-on workshop for Members interested in weaving to be held at the Museum. This event will include a guided tour of the Australian Aboriginal Cultures gallery. Auntie Ellen Trevorrow, internationally acclaimed Master Weaver, artist and Ngarrindjeri cultural elder, will lead the workshop.

Event Co-ordinator: Rose Dow

Tuesday 10 September 2019 – 6.00 to 7.30pm

The life and works of South Australia's Amazing Native Bees – a presentation by Dr Katja Hogendoorn.

Invisible to many South Australians, there are hundreds of native bee species, working alongside birds and mammals as nature's secret agents, quietly building and maintaining the habitats and ecosystems that many animals rely on for food and shelter. Half our diet of fats and oils comes from crops pollinated by animals, and as European bees are under threat from introduced diseases, the role in pollination of native bee species has become a focus of intense scientific interest.

Dr Katja Hogendoorn (Research Associate, School of Agriculture, Food and Wine, Adelaide University) is an internationally recognised authority on Australian native bees. Club Members will be treated to one of Katja's dynamic and fascinating presentations

Event Coordinators: Alastair Dow and Rose Dow

Friday 11 to Monday 14 October 2019 (dates to be confirmed)

Rocks, Fossils, Feathers & Fur – a Kangaroo Island adventure

In the tradition of our hugely popular Kangaroo Island fossil expeditions, this trip will explore the amazing Cambrian trilobites in the Emu Bay Shale, one of the only two such sites in the world, the other being the Burgess Shale in British Columbia, Canada. The Museum's resident 'rock star' Diego Garcia-Bellido, will be our principal palaeontologist. This expedition will also investigate Kangaroo Island's animal species, such as Fairy Penguins, Echidnas, New Zealand Fur Seals and Sea Lions. A Museum scientist (to be confirmed) will provide the animal expertise on the expedition.

Expedition Leader: Mark Mackintosh

Sunday 20 October 2019 – A one-day expedition

Granites and Glaciers Revisited

This is a reinterpretation of the very popular expedition booked out in 2018. Adjunct Professor Jim Jago (Honorary Research Associate at the Museum) will lead us on a geological investigation through The Bluff, Port Elliot and Victor Harbor. We will go back in time and space at these locations to almost 500 million years ago, and 5-10kms below the surface of the Earth where granites formed as molten intrusions into the ancient siltstones and sandstones which later became the body of the Fleurieu Peninsula. We will hear of their journey to the surface of the land, their sculpture by glaciers 250-280 million years ago and ultimate exposure by subsequent climatic events.

Expedition Leaders: Don and Margie Heylen

IN 2020

22 March to 8 April (to be confirmed). Limited numbers! Expressions of interest invited.

The Dinosaurs of China with John Long

Get up to speed with your grandchildren with this unique experience to visit Dinosaur Museums and to see behind the scenes of some of China's world-renowned feathered dinosaurs and other prehistoric wonders. Other tourist hotspots will be included in this extensive expedition across eastern China.

Expedition Leader: Tim Tolley

26 December 2020 to 10 January 2021. 50 places only - rapidly filling. Express interest now!

The Islands That Darwin Missed: to the sub-Antarctic islands of New Zealand, and Macquarie Island.

These rarely visited islands are volcanic in origin and rose from the seabed as laboratories of evolution. Although it was the Galapagos Islands that sparked Darwin's ideas on evolution, these islands could have provided the same catalyst. As well as close encounters with birds, land and sea mammals amongst magnificent vistas, we will collect insects for the Museum and test evolutionary questions with molecular techniques that were not available in Darwin's day, and witness the extraordinary diversity of animal and plant species that exist on and around these islands. For the insectophile, photographer, bird-watcher, whale and seal aficionado, this is a very special opportunity.

This expedition will feature opportunities to explore, photograph and understand these wonderful places in the company of scientists Professor Phillip Weinstein from the University of Adelaide and the Museum, and Professor Steve Donnellan, the Museum's Chief Research Scientist and polymath extraordinaire. Join us for a once in a lifetime hands-on research expedition!

Expedition Leader: Alastair Dow

As the Club's expeditions and events are frequently over-subscribed we offer you an opportunity to "express early interest" in any of our offerings. You can do this on line at www.waterhouseclub.com, or by completing the form attached, by email waterhouseclub@samuseum.sa.gov.au, or telephone the Club office on 8203 9802.

This assists the Club to plan with confidence and places your name on a priority list which will be held open for two days following the distribution of invitations closer to the event. You will then be asked to confirm your booking request by return email reply or by a telephone call to the Club Office.

In some cases where there is greater demand than places available, a ballot will be held before bookings are confirmed and a waiting list will be maintained if necessary.

Please Note: Dates, venues, itineraries, expedition leaders and scientific leaders may change as detailed planning progresses.