

## EXPEDITIONS AND EVENTS – ON THE HORIZON - JUNE 2018 ISSUE

Information about Waterhouse Club expeditions and events is available on your Club's website: [www.waterhouseclub.com](http://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. In addition to the offerings below we are also planning other one day and/or weekend expeditions and will send you more information about these as planning progresses.

### RECENT ADVENTURES

#### Denizens of the Ancient Skies

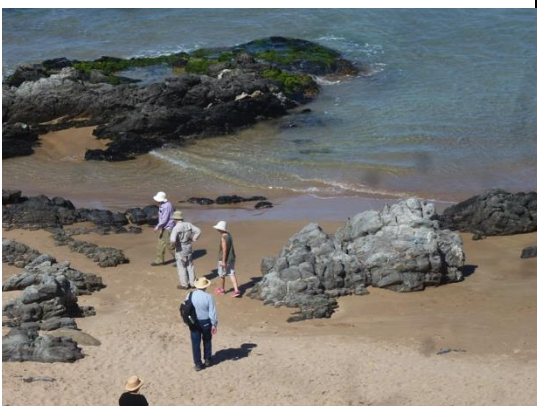


**Professor Steve Donnellan with expeditioners**

#### Granites and Glaciers



**Club stalwart Di Watson at Petrel Cove**



**On site at Petrel Cove**

### COMING UP - SAVE THESE DATES

#### Saturday 4 August to Friday 17 August 2018

#### **Fabulous Fossils, East to West in Canada – WAIT LIST ONLY**

Like South Australia, Canada boasts globally significant early-life fossils from the Ediacaran and Cambrian periods when complex life first evolved on our planet. Around 20 members will join the Museum's charismatic scientist, Dr Diego Garcia-Bellido, on an exciting journey to see Canada's manifestation of these wonders.

**Expedition Leaders:** Trevor and Carol Ireland

#### Tuesday 14 August 2018

#### **Sprigg Lecture – Book at**

<http://www.samuseum.sa.gov.au/explore/program-bookings>

Professor Bronwyn Gillanders, University of Adelaide Marine Biologist – The topic is about cuttlefish biology to coincide with a North Foyer display at the Museum, and the cuttlefish breeding season at Whyalla

#### Saturday 1 – Tuesday 11 September 2018

#### **The Museum's Biennial Collecting Trip to the North East of South Australia**

Dr Mark Hutchinson, the Museum's reptile curator is leading a group of Museum scientists on this collecting trip. The Museum has undertaken little survey work in this part of the State, and our task will be to update the Museum's knowledge and records of the fauna that inhabit this remote area. You will need to be self-sufficient in camping gear but our professional camp managers and caterers Mal and Val will look after all aspects of the camp site and catering.

**Expedition Leaders:** Don and Margie Heylen

#### Tuesday October 9 2018

#### **Sprigg Lecture – Book at**

<http://www.samuseum.sa.gov.au/explore/program-bookings>

Dr Emma Sherratt, University of Adelaide Evolutionary Biologist. The topic of the lecturer will be how advanced 3D x-ray reconstructions of skeletons and shells analyse the evolution of the shape of animals both long extinct and living, and how animals have continued to adapt to the earth's changing environment, climate and the rise of competing animal groups.

#### Friday 19 – Sunday 21 October 2018

#### **Pollinators - Nature's Secret Agents. A three-day expedition to Yorke Peninsula.**

Insect, bird and mammal pollinators are nature's secret agents, quietly building and maintaining the habitats and ecosystems that many animals rely on for food and shelter. This expedition will investigate pollinating bees, birds and small mammals at a farm at Urania, central Yorke Peninsula, and in the spectacular Innes National Park staying for two nights at the historic heritage accommodation at Inneston. Our lead scientists will be Dr Remko Leijs (Honorary Researcher SA Museum), Dr Katja Hogendoorn (Research Associate, School of Agriculture, Food and Wine, Adelaide University) and John Gitsham, (President Birds SA and SA Museum ornithology volunteer).

**Expedition Leaders:** Rose and Alastair Dow

### **Tuesday 23 October 2018 – Evening Event**

#### **Waterhouse Club Annual General Meeting**

You are invited to attend your Club's Annual General Meeting. Look out for the invitation in mid-September.

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

### **27 October to 3 November 2018**

#### **Swim with Whale Sharks – WAIT LIST ONLY**

This "True North" expedition is to the north coast of West Papua. A spectacular experience awaits you – not only will you swim with and study the gentle whale sharks you will also experience an exotic tropical coastline rich in other interests to pursue. Our Museum scientists will be the charismatic Professors Steve Donnellan and Greg Rouse.

**Expedition Leaders:** Ant and Mary Lou Simpson

### **Sunday 4 November 2018**

#### **Peeling back the layers under Adelaide**

Dr Vic Gostin, retired Associate Professor of Geology at Adelaide University, will lead us on an all-day bus trip from Adelaide to our northern suburbs and back to the Mitcham foothills. Vic will interpret the geological formations responsible for Adelaide being Adelaide. We will explore rock faults, rock strata, a quarry, benches, and an erratic near Yatala along with explanations of Adelaide's propensity for earthquakes.

**Expedition Leader:** Tim Tolley

### **Wednesday 7 November 2018 – Evening Presentation**

#### **The Amazing Insects of the Nuyts Archipelago**

In November last year the Waterhouse Club undertook the first ever systematic survey of insects of the Nuyts Archipelago, stretching some 50km south of Ceduna in the great Australia Bight. What did we find? Was there anything unique? Are the insects similar to those on the mainland? How do flying insects travel without ending up in the sea? How much do island inhabitants differ from those on the mainland? Come and see some of these amazing insects yourself and hear answers to these intriguing questions.

**Event organisers:** Alastair and Rose Dow

### **AND IN 2019**

### **Wednesday 6 February 2019 – Evening Presentation**

#### **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'. As well as a rich understanding of the topic, this evening will also provide an opportunity to chat to Steve and Club President Antony Simpson on the Club's plans for a charter to the Trobriand Islands and Bougainville in December 2021.

**Event Coordinators:** Antony Simpson and Natalie Rollinson

### **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. Mr Peter Rymill travels with us on the 85<sup>th</sup> anniversary of the original Rymill expedition to present the adventures of his father John, while Dr Mark Pharaoh of the Museum will elaborate on the colourful life of Sir Hubert Wilkins.

**Expedition Leaders:** Mark and Caroline Mussared

### **Saturday 27 to Sunday 28 April 2019**

#### **Into the World of Wombats**

Professor Rod Wells will be our scientific leader on this overnight expedition to the Brookfield Conservation Park, near Blanchetown, home to the Southern Hairy-nosed Wombat (*Lasiorhinus latifrons*). Rod's research into the world of wombats began with his Honours project in 1968, then on through his PhD and continues to the present day. Rod will share his encyclopaedic knowledge of the wombat's evolution and interpret the topography, vegetation, and ecology of their habitat in gently undulating limestone country.

**Expedition Leaders:** Don and Margie Heylen.

## AND IN 2020

**December 26 2020 to January 10 2021**

**The Islands That Darwin Missed - to the Subantarctic islands of New Zealand, and Macquarie Island.**

### **EXPRESSIONS OF INTEREST INVITED**

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. 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, and bird-watcher, this is a very special occasion.

Our scientists will cover a full range of disciplines and will be led by Professor Phil Weinstein of the SA Museum and University of Adelaide. Phil was the lead scientist on the sold out insect collecting expedition to Nuyts Archipelago in the October 2017. 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](http://www.waterhouseclub.com), or by completing the form attached, by email [waterhouseclub@samuseum.sa.gov.au](mailto: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. Bookings will be accepted in order of receipt 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.**