



# Hamilton Junior Naturalist Club

## Term 3 Programme 2013

Meetings at 7pm, Hort Centre, Hamilton Gardens Gate 2  
(unless advised differently)

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|-----------|-----|---|
| August    | 2   | <b>Bill Smith, Bird Rescuer Extraordinaire</b> Come and meet Bill and a couple of his current Australasian patients: a <i>kahu</i> (Australasian harrier) and a <i>matuku</i> (Australasian bittern).   |
|           | 9   | <b>Science: Your Rewarding Future</b> Dr Jacqueline Rowarth, University of Waikato will tell us about the wide range of sciences that students can do at university. This is a good opportunity for Junats to find out how they can turn their particular interest in science into a fun career.  |
|           | 16  | <b>Adventures in Antarctica</b> Josh Scarrow, University of Waikato. Josh is a Masters Student and has spent several months in Antarctica as part of an international team studying microbial communities.  |
|           | 23  | <b>Blood Protein - From By-Product to Bio-Plastic</b> Dr Jim Bier, research and development scientist with Aduro Biopolymers. Find out about this interesting work which could help to reduce the amount of waste plastic which can linger in the environment for a very long time.   |
|           | 30  | <b>Working Dogs - How Are They Trained?</b> Come and find out, and meet Bengi the Beagle. Ariane Bright, University of Waikato.   |
| September | 6   | <b>Bioreactors And The Problem of Nitrates Entering Water-ways.</b> A lot of nitrogen from farming activities ends up in our waterways and can cause algal blooms. David Zweig, Fulbright Scholar is currently working at the University of Waikato, studying bioreactors, which are one clever way of helping keep farm pollution out of our rivers. |
|           | 7/8 | <b>Working B</b> at Te Kauri Lodge - details to follow. A great opportunity for those who haven't been able to attend a working B so far this year. Come and spend a few hours either Sat or Sun, or maybe stay overnight.  |
|           | 13  | <b>Nature's Food</b> Megan Grainger, University of Waikato. Megan is studying honey and trying to find out exactly what it is - its composition, chemical make-up and how it is made.   |
|           | 20  | <b>Mapping the Environment Using Satellites and Geographical Information Systems</b> Lars Brabyn, University of Waikato. This is an exciting field which is becoming more and more important in the way we manage our land and resources.   |
|           | 22  | <b>Arapuni Power Station Trip.</b> We have booked a tour of the historic Arapuni dam and power station on the Waikato River. There are other activities near Arapuni that we can do following the tour. Details to follow.  |