

Antarctica New Zealand Science Update (47) September 2009

- 2010 Antarctica New Zealand Conference** dates have been finalised. This will be held from 5-7 July 2010 and will be hosted by Gateway Antarctica at the University of Canterbury. Do please note these dates in your diary. More information can be found at: <http://www.antarcticanz.govt.nz/article/6973.html#10429> as it becomes available. A Symposium on the Politics of Antarctica organised by the School of Social and Political Sciences at the University of Canterbury, immediately follows the 2010 Antarctica New Zealand Conference. Go to: <http://www.canterbury.ac.nz/events/EventDisplay.aspx?ItemId=1606> for more details.
- Polar Week:** One of the great accomplishments of the IPY was the establishment of International Polar Days that were held 4 times a year between 2007-2009. This concept has now morphed into biennial Polar Weeks, held in the fall and spring. The next Polar Week will be held on the 4-9 of October with the theme “**What Happens at the Poles Affects Us All.**” APECS (Association of Polar Early Career Scientists) is taking a role in this year's Polar Week by asking member and student institutions worldwide to have at least one public lecture on some aspect of polar research during 4-9 October. Making this happen on your campus or in your community can have a huge impact. You can find a checklist of steps, poster template, press release template, and other tools for making this happen on the APECS website (<http://tinyurl.com/Polar-Week-Lectures>). All events will be advertised online via the APECS website. Please contact Kristin Timm (kmf.timm@gmail.com) if you are interested in participating.
- The **SCAR Bulletin (173)** is now published on the SCAR website at <http://www.scar.org/publications/bulletins/>. It contains the report of the SCAR Executive Committee Meeting held recently in Punta Arenas in Chile.
- Royal Society News: Call for Applications – Bilateral Research Activities Programme:** Applications are now invited to the 2009-10 Bilateral Research Activities Programme (BRAP) of the International Science & Technology (ISAT) Linkages Fund. The closing date is 4.00pm on Tuesday 3 November 2009 for activities which begin after 1 January 2010. Please note that this call is for collaborations with all countries EXCEPT Germany and Spain. For more information, guidelines and application forms visit <http://www.royalsociety.org.nz/site/funding/isat/default.aspx> . For links to the Bilateral Research Activities programme with SPAIN – go to <http://www.royalsociety.org.nz/Site/funding/spain/default.aspx>.
- Data Focus:** Have you heard of the **Antarctic Biodiversity Database**? The Australian Antarctic Data Centre hosts and maintains a Biodiversity Database which contains data on Antarctic and Subantarctic flora and fauna. Go to: <http://data.aad.gov.au/aadc/biodiversity/>. This database contains links to many collections of Antarctic and Subantarctic terrestrial and limnetic (lake) data. Ant NZ has started to work closely with the Australian Antarctic Data Centre to ensure that appropriate NZ data are available through this database. Another important reason to submit your metadata to Shulamit.
- SCAR Focus:** Did you know that New Zealand has a national committee responsible for representing and promoting our interests to SCAR? This is called the **Royal Society Committee on Antarctic Sciences (RSCAS)**. The Committee is chaired by Prof Bryan Storey (Gateway Antarctica, University of Canterbury) and he is joined by other members who cover a range of

disciplines and research agencies: Dr Megan Balks (University of Waikato), Prof Peter Barrett (Victoria University of Wellington), Dr Nancy Bertler (Victoria University of Wellington), Graeme Blick (Land Information NZ), Mr Eddie Davis (The Royal Society of NZ), Dr Stuart Henrys (Geological & Nuclear Sciences), Dr Clive Howard-Williams (NIWA), Dr Wendy Lawson (University of Canterbury), Dr Victoria Metcalf (Lincoln University), Dr Gary Steel (Lincoln University), Dr Mike Williams (NIWA), Dr Stephen Wood (NIWA). These are your national contacts to SCAR. If you have any questions or comments to pass on to the committee – then it is important to do so!! More on RSCAS and contact details can be found at:

http://www.royalsociety.org.nz/Site/About/Our_structure/advisory/antarctic/default.aspx

Publications Submitted to Ant NZ this month:

Isely, N., Lamare, M.D., Marshall, C., Barker, M.

Expression of the DNA repair enzyme, photolyase, in developmental tissues and larvae, and in response to ambient UV-R in the Antarctic sea urchin *Sterechinus neumayeri*.

Photochemistry and photobiology 85: 1168–1176 2009.

doi: 10.1111 / j.1751-1097.2009.00566.x

McGaughan, A., Torricelli, G., Carapelli, A., Frati, F., Stevens, M.I., Convey, P., Hogg, I.D.

Contrasting phylogeographical patterns for springtails reflect different evolutionary histories between the Antarctic Peninsula and continental Antarctica.

Journal of biogeography 2009.

doi:10.1111/j.1365-2699.2009.02178.x

Martin, Adam P. 2009.

Mt Morning, Antarctica: geochemistry, geochronology, petrology, volcanology, and oxygen fugacity of the rifted Antarctic lithosphere.

PhD, University of Otago, 2009.

Ninnes, C.E., Waas, J.R., Ling, N., Nakagawa, S., Banks, J.C., Bell, D.G., Bright, A., Carey, P.W.,

Chandler, J., Hudson, Q.J., Ingram, J.R., Lyall, K., Morgan, D.K.J., Stevens, M.I., Wallace, J., Möstl, E.

Comparing plasma and faecal measures of steroid hormones in Adelie penguins *Pygoscelis adeliae*.

Journal of comparative physiology B 2009.

doi: 10.1007/s00360-009-0390-0

Seybold, C.A., Harms, D.S., Balks, M., Aislabie, J., Paetzold, R.F., Kimble, J., Sletten, R.

Soil climate monitoring project in the Ross Island region of Antarctica.

Soil survey horizons 50:52–57 2009.