

## 2009 LGP-Related Publications

- Adlam, S.L. 2009. *Soil climate and permafrost temperature monitoring in the McMurdo Sound region, Antarctica*. M.Sc. Thesis University of Waikato pp 277.
- Adlam, L.S., Balks, M.R., Guglielmin, M., Baio, F., Campbell, D. 2009. Borehole establishment for ice-cemented core sampling and permafrost temperature monitoring at Marble Point and Wright Valley, Antarctica. *University of Waikato, Antarctic Research Unit Special Report No. 2. Pp. 73.*
- Aislabie, J., Ryburn, J. and Sarmah, H. 2009. Culturable microbes in shallow groundwater underlying ornithogenic soil of Cape Hallett, Antarctica. *Canadian Journal of Microbiology* 55: 12-20. Doi: 10.1139/W08-118.
- Aislabie, J., Jordan, S., Ayton, J., Klassen, J.L., Barker, G.M., Turner, S. 2009. Bacterial diversity associated with ornithogenic soils of the Ross Sea region, Antarctica. *Canadian Journal of Microbiology* 55: 21-36. Doi: 10.1139/W08-126.
- Banks, J.C., Cary, S.C., Hogg, I.D. 2009. The phylogeography of Adelie penguin faecal flora. *Environmental microbiology* 11(3): 577-588. doi:10.1111/j.1462-2920.2008.01816.x
- Caruso, T., Hogg, I.D., Carapelli, A., Frati, F., Bargagli, R. 2009. Large-scale spatial patterns in the distribution of Collembola (Hexapoda) species in Antarctic terrestrial ecosystems. *Journal of biogeography* 36: 879-886 2009.
- Convey, P., Stevens, M.I., Hodgson, D.A., Smellie, J.L., Hillenbrand, C-D., Barnes, D.K.A., Clarke, A., Pugh, P.J.A., Linse, K., Cary, S.C. 2009. Exploring biological constraints on the glacial history of Antarctica. *Quaternary science reviews*. doi:10.1016/j.quascirev.2009.08.015
- Hopkins, D.W., Sparrow, A.D., Gregorich, E.G., Elberling, B., Novis, P., Fraser, F., Scrimgeour, C., Dennis, P.G., Meier-Augenstein, W., Greenfield, L.G. 2009. Isotopic evidence for the provenance and turnover of organic carbon by soil microorganisms in the Antarctic dry valleys. *Environmental microbiology* 11(3): 597-608. doi:10.1111/j.1462-2920.2008.01830.x
- McGaughran, A., Redding, G.P., Stevens, M.I., Convey, P. 2009. Temporal metabolic rate variation in a continental Antarctic springtail. *Journal of insect physiology* 55: 130-135 2009. doi:10.1016/j.jinsphys.2008.10.009
- McGaughran, A., Torricelli, G., Carapelli, A., Frati, F., Stevens, S.I., Convey, P., Hogg, I.D. 2009. Contrasting phylogeographical patterns for springtails reflect different evolutionary histories between the Antarctic Peninsula and continental Antarctica. *Journal of Biogeography* doi:10.1111/j.1365-2699.2009.02178.x
- McLeod, M., Bockheim, J., Balks, M., Aislabie, J. 2009. Soils of western Wright Valley, Antarctica. *Antarctic Science* 21(4): 355-365.
- Ryan, K.G., Burne, A., Seppelt, R.D. 2009. Historical ozone concentrations and flavonoid levels in herbarium specimens of the Antarctic moss *Bryum argenteum*. *Global change biology* 15:1694-1702. doi:10.1111/j.1365-2486.2009.01885.x

Seybold, C.A, Harms, D.s., Balks, M., Aislabie, J., Paetzold, R.F., Kimble, J. and Sletten, R. 2009. Soil climate monitoring project in the Ross Island region of Antarctica. *Soil Survey Horizons*, Summer 2009: 52-57.

Wharton, D.A., Marshall, C.J. 2009. How do terrestrial Antarctic organisms survive in their harsh environment? *Journal of biology* 8(4). doi:10.1186/jbiol142