2007 LGP-Related Publications

Terrestrial Biology

Adams, B.J. Wall, D.H. Gozel, U. Dillman, A.R. Chaston, J.M. Hogg, I.D.
The southernmost worm, Scottnema lindsayae (Nematoda): diversity, dispersal and ecological stability.
Polar biology 30: 809-815, 2007.
doi: 10.1007/s00300-006-0241-3

Convey, P. Stevens, M.I.
Antarctic biodiversity.
Science 317: 1877-1878, 2007.

Convey, P. Gibson, J.A.E. Hodgson, D.A. Pugh, P.J.A. Stevens, M.I.
New terrestrial biological constraints for Antarctic glaciation.
USGS Open-File Report 2007-1047, Extended abstract 53 : 1-4, 2007.

Green, T.G.A, Schroeter, B. Sancho, L.G.
Plant life in Antarctica.
in: Functional Plant Ecology / eds Pugnaire F., Valladares, F. – Boca Raton, Fla : CRC Press, 2007. pp.389-433.

Howard-Williams, C. Hawes, I.
Ecological processes in Antarctic inland waters: interactions between physical processes and the nitrogen cycle.
Antarctic science 19(2): 205-217doi: 10.1017/S0954102007000284, 2007.

Novis, P.M. Whitehead, D. Gregorich, E.G. Hunt, J.E. Sparrow, A.D. Hopkins, D.W. Elberling, B. Greenfield, L.G.
Annual carbon fixation in terrestrial populations of Nostoc commune (Cyanobacteria) from an Antarctic dry valley is driven by temperature regime.
Global change biology 13: 1224-1237, 2007.
doi: 10.1111/j.1365-2486.2007.01354.x

Sancho, L.G. Green, T.G.A. Pintado, A.
Slowest to fastest: Extreme range in lichen growth rates supports their use as an indicator of climate change in Antarctica.
Flora 202: 667-673, 2007.

Stevens, M.I. Hunger, S.A. Hills, S.F.K. Gemmill, C.E.C.
Phantom hitch-hikers mislead estimates of genetic variation in Antarctic mosses.
Plant systematics and evolution 263: 191-201, 2007.
doi: 10.1007/s00606-006-0484-z

Stevens, M.I. Frati, F. McGaughran, A. Spinsanti, G. Hogg, I.
Phylogeographic structure suggests multiple glacial refugia in northern Victoria Land for the endemic Antarctic springtail Desoria klovstadi (Collembola, Isotomidae).
Zoologica scripta 36(2): 201-212, 2007.

van Vuren, B.J. Mortimer, E. Stevens, M.I. Marshall, D.J. Convey, P. Daniels, S.R. Chown, S.L.
Molecular data can help to unveil biogeographic complexities since the Miocene: lessons from ameronothroid mites and isotomid springtails - Online Proceedings of the 10th ISAES
USGS Open-File Report 2007-1047, Extended abstract 008 : 1-4, 2007.

Webster-Brown, J.G. Webster, K.S.
Trace metals in cyanobacterial mats, phytoplankton and sediments of the Lake Vanda region, Antarctica.
Antarctic science 19(3): 311-319, 2007.
doi: 10.1017/S0954102007000417

Marine Biology

Norkko, A. Thrush, S.F. Cummings, V.J. Gibbs, M.M. Andrew, N.L. Norkko, J. Schwarz, A-M.
Trophic structure of coastal Antarctic food webs associated with changes in sea ice and food supply.
Ecology 88: 2810-2820, 2007.

Ralph, P. Ryan, K.G. Martin, A. Fenton, G.
Melting out of sea ice causes greater photosynthetic stress in algae than freezing in.
Journal of phycology 43(5): 948-956, 2007.
doi:10.1111/j.1529-8817.2007.00382.x

Schiaparelli, S. Ghirardo, C., Bohn J., Chiantore, M., Albertelli, G., Cattaneo-Vietti, R.
Antarctic associations: the parasitic relationship between the gastropod *Bathycrinicola tumidula* (Thiele, 1912) (Ptenoglossa: Eulimidae) and the comatulid *Notocrinus virilis* Mortensen, 1917 (Crinoidea: Notocrinidae) in the Ross Sea.
Polar Biology 30: 1545 – 1555, 2007.
DOI 10.1007/s00300-007-0315-x