

ISSN 0309-1333



PROGRESS IN PHYSICAL GEOGRAPHY

VOLUME 37, ISSUE 3, 2013

5

5

9





Contents

Articles

- Morphological evidence for geologically young thaw of ice on Mars: A review of recent studies using high-resolution imaging data 289
M.R. Balme, C.J. Gallagher, and E. Hauber

- Lichen-induced biomodification of calcareous surfaces: Bioprotection versus biodeterioration 325
John P. McIlroy de la Rosa, Patricia A. Warke, and Bernard J. Smith

- The active layer: A conceptual review of monitoring, modelling techniques and changes in a warming climate 352
Philip P. Bonnaventure and Scott F. Lamoureux

- Where is historical biogeography going? The evolution of the discipline in the first decade of the 21st century 377
Paula Posadas, Mariana A. Grossi, and Edgardo Ortiz-Jaureguizar

Progress report

- Recent advances in our understanding of dust source emission processes 397
Robert G. Bryant

Classics in physical geography revisited

- James C. Knox (1977) Human impacts on Wisconsin stream channels. *Annals of the Association of American Geographers* 67: 224–244. 422
William L. Graf

Research resource review

- 432

