Reviews

Chinese investigation and research in Southern Ocean physical oceanography and meteorology during the Chinese Polar Programs 2011–2015 ................................................................. 209
GAO Libao, WEI Zexun, GUO Guijun & SHI Jiuxin

Recent progress in Chinese polar upper-atmospheric physics research: review of research advances supported by the Chinese Arctic and Antarctic expeditions .............................................................. 219
HE Fang, HU Hongqiao, YANG Huigen, ZHANG Beichen, HUANG Dehong, LIU Yonghua, HU Zejun & LIU Jianjun

Articles

Sources of organic matter and paleo-environmental implications inferred from carbon isotope compositions of lacustrine sediments at Inexpressible Island, Ross Sea, Antarctica ................................................................. 233
WEI Yangyang, JIN Jing, NIE Yaguang, CHEN Xin, WU Libin, FU Pingqing, LIU Xiaodong & Steven D. Emslie

Outflow from under the Pine Island Bay Ice Shelf: finescale structure and its temporal variability ............... 245
Robin Robertson

Estimating sea ice albedo feedback in a regional climate modeling sensitivity experiment ........................................... 264
LIAN Yu, LI Yaosun & CAI Lei

A preliminary dayglow model for summer auroral images from Polar/UVI ............................................................. 272
WANG Lingmin & LUAN Xiaoli

Call for Paper for Two Special Issues in 2018
Contents of Volume 27, 2016