

ANTARCTIC RECORD Vol. 58, No. 3

CONTENTS

Scientific Note

- Reprocessing of *Shirase* shipborne gravity data (in Japanese)
..... *Kazuya Matsuzaki, Yoichi Fukuda and Yoshifumi Nogi*..... 295

Reports

- Report on gravity measurements and replacement of an unmanned magnetometer
in the Sør Rondane Mountains, Eastern Dronning Maud Land, 2013
(JARE-55) (in Japanese)
..... *Yusuke Suganuma, Yoichi Fukuda, Yuichi Aoyama and Masaki Okada*..... 309
- Improvement of shipborne sky radiometer and its demonstration aboard
the Antarctic research vessel *Shirase*
..... *Noriaki Tanaka, Hiroshi Kobayashi, Toshiyuki Murayama
and Masataka Shiobara*..... 341
- Report of the 2007/2008 Japanese–Swedish joint Antarctic traverse: I. Planning,
preparations, and outline of scientific achievements (in Japanese)
..... *Shuji Fujita, Kotaro Fukui, Fumio Nakazawa, Hiroyuki Enomoto,
Shin Sugiyama, Yoshiyuki Fujii, Koji Fujita, Teruo Furukawa,
Keiichiro Hara, Yu Hoshina, Makoto Igarashi, Yoshinori Iizuka,
Satoshi Imura, Hideaki Motoyama, Sylviane Surdyk and Ryu Uemura*..... 352
- Report on a modified ice-fence for oceanographic observations under heavy
sea-ice conditions during JARE-54 and JARE-55 (in Japanese)
..... *Kunio T. Takahashi, Tomomi R. Takamura and Tsuneo Odate*..... 393

Note to contributors

Contents of Antarctic Record Vol. 58 (Nos. 1, 2, 3)

Author Index of Antarctic Record Vol. 58 (Nos. 1, 2, 3)