

ANTARCTIC RECORD Vol. 50, No. 3

CONTENTS

Scientific Paper

- Temporal changes of phytoplankton and nutrients under the fast ice
in the Ongul Strait during the austral summer of 2004/05 (in Japanese)
.....Akihisa S. Otsuki, Tsuneo Odate, Sakae Kudoh and Mitsuo Fukuchi..... 231

Scientific Note

- Surface ship gravity data obtained on board the icebreaker *Shirase* (in Japanese)
.....Yasuo Konishi, Yoichi Fukuda and Yoshifumi Nogi..... 251

Reports

- Activities of the summer party of the 46th Japanese Antarctic Research
Expedition in 2004–2005 (in Japanese)
.....Kouji Matsubara..... 263
- Replacement of the seismic monitoring system at Syowa Station,
corresponding to the INTERSAT link (in Japanese)
.....Masaki Kanao, Koichiro Doi, Shinya Sakanaka, Takeshi Uemura,
Takanobu Sawagaki and Katsushi Chida..... 287
- Sea-ice monitoring by ship-based visual observation during JARE
— Simplification of observation method based on the ASPeCt protocol —
(in Japanese)
.....Kay I. Ohshima, Shuki Ushio and Akihisa S. Otsuki..... 304

Symposium/Meeting Report

- Report on workshop “Heterogeneous structure and dynamics of the Earth’s interior
viewed from polar regions” (in Japanese)
.....Masaki Kanao and Yusuke Usui..... 317

Note to contributors

Contents of Antarctic Record Vol. 50 (Nos. 1, 2, 3)

Author Index of Antarctic Record Vol. 50 (Nos. 1, 2, 3)