

ANTARCTIC RECORD Vol. 42, No. 2

CONTENTS

*Scientific Papers*

- Evaluation of SO<sub>2</sub> emission from the 1982 eruption of El Chichon by  
glaciological and satellite methods  
..... *Mika Kohno, Minoru Kusakabe and Yoshiyuki Fujii* ....121
- Morphology of gill rakers and their ecological function in feeding of the  
Antarctic fish *Notothenia neglecta* Nybelin  
.....*Flavia Sant'Anna Rios and Edith Fanta* ....131

*Scientific Notes*

- Radiocarbon dates of fossil shells from raised beach sediments along the  
Sôya Coast, East Antarctica  
—A report on a geomorphological survey during JARE-35 (1993–  
94)—(in Japanese)  
..... *Kazuomi Hirakawa and Takanobu Sawagaki* ....151
- Preliminary report on rock glaciers at the foot of Mt. Riiser-Larsen in  
Enderby Land, East Antarctica  
.....*Shigeru Saigusa, Hideki Miura, Hideaki Maemoku*  
*and Kazuomi Hirakawa* ....168
- Field seismic observations by portable broadband seismometers in the  
Lützow-Holm Bay region, East Antarctica  
.....*Hiroaki Negishi and Masaki Kanao* ....179
- A great earthquake in the Antarctic plate on 25 March 1998 (in Japanese)  
.....*Yoko Tono and Katsutada Kaminuma* ....190

*Report*

- Logistics activities at McMurdo, Amundsen-Scott South Pole Stations and  
Scott Base (in Japanese) .....*Kenji Ishizawa* ....196