Antarctic Record Vol. 38, No. 1

CONTENTS

Scientific Papers
Fine scale distribution of phytoplankton abundance along the cruise track of the icebreaker Shirase, from Tokyo to Fremantle, Australia in the 1991 season
Comparative study on feeding strategy and activity patterns of two Antarctic fish: Trematomus newnesi Boulenger, 1902 and Gobionotothen gibberifrons (Lönnberg, 1905) (Pisces, Nototheniidae) under different light conditions
Edith Fanta, Ana Aparecida Meyer, Sonia Regina Grötzner and Márcia Fabiana Luvizotto 13
Scientific Notes
Methods for in situ chemical analyses of snow and ice samples (in Japanese)
Gravity survey on the Mizuho Plateau, East Antarctica along the traverse routes to Dome-F from Syowa Station (in Japanese)
Kokichi Kamiyama, Masaki Kanao, Hideo Maeno and Teruo Furukawa 41
Review
Cytotaxonomical aspects of Antarctic mosses, with special reference to the proportion of polyploidy
Reports
Temperature profiles of the Greenland Sea in the summer of 1992: Report of the oceanographic observation on the R/V LANCE cruise
Temperature profiles of the Greenland Sea in the summer of 1993:
Oceanographic observation on the R/V Lance cruise
Operation and evaluation of an experimental hovercraft for Antarctic use (in Japanese) Rinichi Murao, Sadao Takeuchi, Minoru Inaba and
Masayuki Hosoya 72