

CONTENTS

Proliferation of Ice Algae in the Syowa Station Area, Antarctica.	Takao HOSHIAI .. 1
Phytoplankton and Zooplankton Standing Stocks and Downward Flux of Particulate Material around Fast Ice Edge of Lützow-Holm Bay, Antarctica.	Mitsuo FUKUCHI and Hiroshi SASAKI .. 13
A Preliminary Note on the Occurrence of Copepods under Sea Ice near Syowa Station, Antarctica	Mitsuo FUKUCHI and Atsushi TANIMURA .. 37
Copepods in the Stomach of a Nototheniid Fish, <i>Trematomus borchgrevinki</i> Fry at Syowa Station, Antarctica	Takao HOSHIAI and Atsushi TANIMURA .. 44
Floristic Study of Ice Algae in the Sea Ice of a Lagoon, Lake Saroma, Hokkaido, Japan	Eiji TAKAHASHI .. 49