## PROCEEDINGS OF THE SIXTH SYMPOSIUM ON POLAR BIOLOGY

### MEMOIRS OF NATIONAL INSTITUTE OF POLAR RESEARCH SPECIAL ISSUE No. 32

# PROCEEDINGS OF THE SIXTH SYMPOSIUM ON POLAR BIOLOGY

Edited by

Takao HOSHIAI and Mitsuo FUKUCHI

PUBLISHED BY NATIONAL INSTITUTE OF POLAR RESEARCH

#### Memoirs of National Institute of Polar Research Special Issue, No. 32

## PROCEEDINGS OF THE SIXTH SYMPOSIUM ON POLAR BIOLOGY

Takao Hoshiai and Mitsuo Fukuchi, Editors

Copyright 1984 by National Institute of Polar Research 9-10, Kaga 1-chome, Itabashi-ku, Tokyo 173

Printed by Tokyo Press Co., Ltd.