

Preface

The Fifteenth Symposium on Polar Biology, sponsored by the National Institute of Polar Research (NIPR) was held on 9 and 10 December 1992, Tokyo. This annual symposium was aimed to introduce new results obtained in the polar region covering marine and terrestrial biology. In the symposium, "New Technology for Marine Ecological Studies" and Monitoring of Polar Terrestrial Ecosystems" were highlighted through the invited oral speakers. A total 10 oral and 77 poster presentations contributed to the symposium.

The present volume of the proceedings includes 25 full-length papers and 7 abstracts from the presentations. This volume was edited under the direction of the Editorial Board of NIPR with the help of a sub-editorial board consisting.

Dr. Takehiro MASUZAWA (Shizuoka University)

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We wish to add our sincerest thanks to these colleagues for their special efforts in editing this volume.

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