Regd. No.16423/68

Proceedings of the Indian National Science Academy

Vol. 63, Part B, No. 5 pp. 369-448 **OCTOBER 1997**

CONTENTS

Page

SUNDERLAL HORA MEDAL (1996) LECTURE: Living with Botany 369
B M Johri

Population and Behaviour Genetics of *Drosophila bipectinata* 399
Rakhee Banerjee and **B N Singh**

SEM of Phermone Gland of Arctiid Moth—*Diacrisia obliqua* Walker— 411
Evidence from Electroantennogram and Wind Tunnel Bioassays
K N Jyothi, AL Prasuna, S Sighamony, A R Prasad and **J S Yadav**

Possible Relationship of Calmodulin with Molecules Involved in T Cell 419
Activation and Cell-Mediated Cytotoxicity
Hari Mohan Saxena and **M W Pandit**

Antigonadal and Antiphotoperiodic Response of Exogenous Prolaction in 427
Photosensitive and Photostimulated Blackheaded Bunting, *Emberiza melanocephala*
Manoj Kumar Mishra and **T D Tewary**

Rapid Temperature-Induced Changes in Physico-Chemical 437
Properties of Fish, *Cyprinus carpio* Erythrocyte Subcellular Membranes
R Roy and **T Farkas**

Published by S K Sahni, Executive Secretary, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi-110 002 and printed by him at Nirmal Vijay Printers, B62/8, Naraina Indl. Area, Phase-II, New Delhi-110 028, Tel.: 5704549