

**Proceedings of the
Indian National Science Academy**

Vol. 62, Part B, No. 3, pp 173-238

JUNE 1996

CONTENTS

Insulin and Contricosterone in the Teleost, <i>Anabas testudineus</i> (Bloch) : Effects on Certain Biochemical Parameters of Intermediary Metabolism O V Oommen, M C S Peter and S Alex	173
Digestion and Utilization of Protein in <i>Gesonula punctifrons</i> Stal. (Acrididae : Orthoptera) D Chattopadhyay, R K Sur and D Raychoudhuri	181
Fecundity in Relation to Different Types of Feed Composition in <i>Sinodiaptomus (Rhinediaptomus) indius</i> (Copepoda : Calanoida) P E Preetha and K Altaff	191
Plumbagin, a Sterilant for <i>Musca domestica</i> Males. A Light and Electron Microscopic Study of its Effect on the Testis B P Saxena, K Tikku and R K Thappa	199
Impact of Host Plants on Development and Reproduction of <i>Acrida exaltata</i> (Walker) (Orthoptera : Acrididae) P Suresh and M C Muralirangan	207
Quantification of Sunflower - <i>Cyperus rotundus</i> L. Competitive Ability at Varying Levels of Resources R Devendra and T V Ramachandra Prasad	213
Cytogenetics of <i>Guizotia</i> Species and Origin of Niger, A Review H N Murthy	221
Water Status and Osmotic Adjustment of an Evergreen and Deciduous Shrub under Similar Microclimate Seema Dhaila, S P Singh and Y S Rawat	227
Biological Inferences from the Growth Climate Relationship in Teak from India R R Yadav and A Bhattacharyya	233