

PROCEEDINGS OF
THE INDIAN NATIONAL SCIENCE ACADEMY

Nos. 2 & 3

April & June 1976

Vol. 42

CONTENTS

	Page
<i>Plant Ecology</i>	
Short-term Effect of Burning on the Standing Crop and Cycling of Phosphorus in Soil-Vegetation Components of <i>Dichanthium annulatum</i> Stands at Varanasi by A. N. PANDEY	89
Some Keratinophilic Fungi and Related Dermatophytes from Soil by R. K. S. KUSHWAHA and S. C. AGRAWAL	102
<i>Embryology</i>	
Embryology of Cassava by P. N. RAO and D. SARVESWARA RAO ..	111
<i>Plant Genetics</i>	
Cytological Identification of Translocated Chromosomes in <i>Pennisetum typhoides</i> (Burm.) Stapf. and Hubb. by Observing Hybrids between Translocation Homozygotes and Translocation Testers by B. R. Tyagi	117
<i>Mycology</i>	
<i>Neurospora tetrasperma</i> : Its Occurrence in Indian Soil and its Cellulolytic Activity by C. P. AGARWAL and R. K. S. CHAUHAN	122
<i>Plant Taxonomy</i>	
Taxonomic Studies on Indian Myxomycetes by T. N. LAKHANPAL and K. G. MUKERJI	125
<i>Soil Science</i>	
Effect of Boron on Quality and Yield of Wheat Grains (R.R. 21) by B. SINGH and S. C. SINGH	130
Effect of Salts on the Availability of Soil Phosphorus Fertilized with Super phosphate and Diammonium phosphate by K. V. PALIWAL and A. P. GANDHI	135
<i>Electron Microscopy</i>	
Length of Lambda-nin 5 DNA by DIPANKAR GHOSH and ANIMA DHAR ..	142
<i>Helminthology</i>	
Studies on the Glycogen Content and Distribution in <i>Paramphistomum cervi</i> (Trematoda : Paramphistomidae) by H. S. PATIL, S. S. RODGI and S. D. AMOJI	149
<i>Radiation Chemistry</i>	
Radiation Treatment and Diosgenin Content in <i>Dioscorea bulbifera</i> L ..	156
by AMITA PAL and A. K. SHARMA, FNA	