

CONTENTS

MATHEMATICS.— The role of the concept of equivalence in the study of physical and mathematical systems. RICHARD STEVENS BURINGTON	1
BOTANY.— Studies in <i>Lonchocarpus</i> and related genera, II: Miscellaneous Middle American Lonchocarpi. FREDERICK J. HERMANN	11
ZOOLOGY.— On the crayfishes of the <i>Limosus</i> section of the genus <i>Orconectes</i> (Decapoda: Astacidae). HORTON H. HOBBS, JR.	14
ORNITHOLOGY.— The races of the black-throated sunbird, <i>Aethopyga saturata</i> (Hodgson). H.G. DEIGNAN	21
PROCEEDINGS: THE ACADEMY	23
PROCEEDINGS: PHILOSOPHICAL SOCIETY	25