

CONTENTS

PHYSICS.— The fundamentals of photosynthesis. JAMES FRANCK	317
GENETICS.— Hybridity as a factor in evolution. . ROBERT F. GRIGGS	329
BOTANY.— <i>Phyllostachys sulphurea</i> var. <i>viridis</i> var.nov. and <i>P. edulis</i> (Carr). H. De L. ROBERT A. YOUNG	343
BOTANY.— Notes on harmel or “Syrian rue.” WILLIAM A. DAYTON	349
PLANT PHYSIOLOGY.—Rubidium and strontium toxicity to plants in- hibited by potassium and calcium respectively. ANNIE M. HURD-KARRER	351
ORNITHOLOGY.— Description of three new screech owls from the United States. HARRY C. OBERHOLSER	354
PROCEEDINGS: GEOLOGICAL SOCIETY	357
OBITUARY: ARTHUR BROOKS CLAWSON, PAUL VERE ROUNDY	364