

## No. 5, MAY 20, 1920.

KRAFKA, JOSEPH, JR. The effect of temperature upon facet number in the bar-eyed mutant of <i>Drosophila</i> . Part II...	433
KRAFKA, JOSEPH, JR. The effect of temperature upon facet number in the bar-eyed mutant of <i>Drosophila</i> . Part III...	445
NORTHROP, JOHN H. The influence of hydrogen ion concentration on the inactivation of pepsin solutions.....	465
NORTHROP, JOHN H. The effect of the concentration of enzyme on the rate of digestion of proteins by pepsin.....	471

HECHT, SELIG. The dark adaptation of the human eye.....	499
BAILEY, I. W. The significance of the cambium in the study of certain physiological problems. Plate 1.....	519
RABER, ORAN L. A quantitative study of the effect of anions on the permeability of plant cells.....	535
RABER, ORAN L. The antagonistic action of anions.....	541
REED, H. S. The nature of the growth rate.....	545
LOEB, JACQUES. On the cause of the influence of ions on the rate of diffusion of water through collodion membranes. II.	563
LOEB, JACQUES. The reversal of the sign of the charge of mem- branes by hydrogen ions .....	577