

NUMBER 4, OCTOBER, 1968

- 559 HIROMICHI MORITA and AKIO SHIRAISHI. Stimulation of the labellar sugar receptor of the fleshfly by mono- and disaccharides
- 584 ALAN R. ADOLPH. Thermal and spectral sensitivities of discrete slow potentials in *Limulus* eye
- 600 G. O. MACKIE and L. M. PASSANO. Epithelial conduction in hydromedusae
- 622 ARSELIO P. CARVALHO. Calcium-binding properties of sarcoplasmic reticulum as influenced by ATP, caffeine, quinine, and local anesthetics
- 643 ROBERT L. DEHAAN and SHELDON H. GOTTLIEB. The electrical activity of embryonic chick heart cells isolated in tissue culture singly or in interconnected cell sheets
- 666 BILLY K. YEH and BRIAN F. HOFFMAN. The ionic basis of electrical activity in embryonic cardiac muscle
- 682 G. A. LANGER and A. J. BRADY. The effects of temperature upon contraction and ionic exchange in rabbit ventricular myocardium. Relation to control of active state