Editorial  Wrong Question .......................... 291

Articles  Age of Zinjanthropus: W. L. Straus, Jr., and C. B. Hunt .............................. 293

The potassium-argon dates recently obtained from Olduvai Gorge, Tanganyika, raise several questions.

Intense Rapid Heating with Flash Discharge Lamps: L. S. Nelson .............................. 296

Heat pulses equivalent to those near atomic blasts may be produced safely with modest apparatus.

News and Comment  Congress at mid-session ... Fellowship jungle ... Technical school bill .................. 304


Reports  Oceanic Detritus: T. R. Parsons and J. D. H. Strickland .............................. 313

Insect Neurosecretory Material Separated by Differential Centrifugation: J. J. T. Evans .................. 314

Actinomycin D Inhibition of Deoxyribonucleic Acid-Dependent Synthesis of Ribonucleic Acid: I. H. Goldberg and M. Rabinowitz .................. 315

Magnesium Binding as an Explanation of the Mode of Action of Novobiocin: T. D. Brock .................. 316


Dilute Locus and Audiogenic Seizures in Mice: S. D. Huff and R. L. Huff .................. 318

Sedimentary Rocks of the Buckeye Range, Horlick Mountains, Antarctica: W. E. Long .................. 319

Basal Skin Resistance during Sleep and "Dreaming": D. R. Hawkins et al. .................. 321

Estrogen-Sensitive Neurons and Sexual Behavior in Female Cats: R. P. Michael .................. 322

National Academy of Sciences: Abstracts of papers presented at the annual meeting .................. 324

Departments  New Products .......................... 333

Audiogenic Seizures; Forthcoming Events .................. 334

Cover  Paleozoic tillite in Buckeye Range, Horlick Mountains, Antarctica. A striated and faceted cobble of gray mudstone with silty and clayey matrix; smaller pebbles of different lithologies are also in the matrix (× 1.72). See page 319. [J. M. Schopf]