Editorial
Scientific Manpower Commission .................................................. 1213

Articles
Theory of Elementary Particles: W. Heisenberg ................................. 1215
John E. Potzger, Student of Vegetation: M. F. Buell ............................. 1221

News of Science
Discovery of the Antiproton; Hugo Theorell; News Briefs; Scientists in the
News; Necrology; Education; Grants, Fellowships, and Awards; In the Laboratories;
Miscellaneous ........................................................................... 1222

Reports and Letters
Mass Screening for Disease-Resistant Mutants in Oats:
H. E. Wheeler and H. H. Luke .................................................... 1229
Salt Effect on I$^{131}$ Metabolism in the Salamander:
J. B. Boatman and J. H. Sunder ................................................. 1229
Source and Origin of Magnetite at Scott Mine, Sterling Lake,
New York: A. F. Hager and L. G. Collins ...................................... 1230
“Swimming” Anemone from Puget Sound: C. S. Yentsch and D. C. Pierce 1231
Variations of Nitrogen-15 Abundance in Naturally Occurring
Substances: T. Hoering ............................................................... 1233
Differentiation and Separation of the Tetracycline Antibiotics by
Countercurrent Distribution: P. P. Minieri and A. G. Mistretta ............. 1234
Localized Electrotretinograms from Isolated Poikilothermic Retinas
with Macroelectrodes: E. Marg and G. G. Heath .................................. 1234
Vegetative Changes at Pinacate, Sonora, Mexico: R. L. Ives .................. 1235

Book Reviews
Engineering Metallurgy; Basic Processes of Gaseous Electronics; Radio Astronomy; Nuclear and Radiochemistry; The Negro in Science; Metals Reference Book; Theory of Functions of a Real Variable; New Books; Miscellaneous Publications .............................................................. 1236

Scientific Meetings
Physiology of Invertebrates; Meeting Notes; Forthcoming Events ........... 1240
Science 122 (3182), 1213-1242.