Editorial
Foreign Travel ........................................... 125

Articles
Edge Waves on the Continental Shelf: W. Munk, F. Snodgrass, G. Carrier .. 127

News of Science
Expanding Universe; Saltonstall-Kennedy Report; NSF Survey of Industrial Research; UNESCO Technical Aid Budget; Soviet Visitors; New Affiliate of AAAS; News Briefs; Scientists in the News; Recent Deaths; Grants, Fellowships, and Awards; In the Laboratories; Miscellaneous ........................................... 133

Reports and Letters
Pronuclear Fusion as Affected by X-rays and by Postirradiation Anaerobiosis: C. S. Bachofer ........................................... 139
Increased Production of Carotene by Mixed + and – Cultures of Choanephora cucurbitarum: H. L. Barnett, V. G. Lilly, R. F. Krause ... 141
Fate of Radiostrontium Fed to Habrobracon Females:
D. S. Grosch and L. E. LaChance ........................................... 141
Alkaline Phosphatase in Kidneys of Aglomerular Fish: J. B. Longley ...... 142
Application of Paper Chromatography to Taxonomic Studies: A. S. Fox ... 143

Book Reviews
The Unleashing of Evolutionary Thought; The Nucleic Acids: Chemistry and Biology; Principles of Animal Virology; Stuttering in Children and Adults; Origins of Resistance to Toxic Agents; Index XIII to the Literature of American Economic Entomology, 1953; The Metallurgy of Zirconium; New Books; Miscellaneous Publications ........................................... 144

Scientific Meetings
Enzymes as Biological Units; Meeting Notes; Society Elections; Forthcoming Events ........................................... 149
Equipment News ........................................... 155