Editorial
Rushing into Print ................................................ 949

Articles
Mach Rings Verified by Numerical Differentiation:
R. W. Burnham and J. E. Jackson ......................... 951
Alfred F. Huebner, Scientist and Teacher: D. E. Lancefield ........... 953
Yale Natural Radiocarbon Measurements II:
R. S. Preston, E. Person, E. S. Devey ....................... 954

News of Science
Nobel Prizes; Science and the Humanities; Pilot Project in Teacher Education; News Briefs; Scientists in the News; Necrology; Education; Grants, Fellowships, and Awards; Miscellaneous .......... 961

Reports and Letters
Action of Parapyruvate on Early Development of Strongylocentrotus Purpuratus: C. M. Montgomery and J. W. Bamberger ............ 967
Evidence That Serotonin Has a Role in Brain Function:
B. B. Brodie, A. Pletscher, P. A. Shore ....................... 968
Thallium Acetate in the Diagnosis of Chronic Respiratory Disease of Chickens: N. L. Shipkowitz and M. K. Clarke ......................... 969
Isotopic Composition of Common Lead from Southern Africa:
G. L. Bate and J. L. Kulp ........................................ 970
Tetrazolium-Reduction Test for Milk:
K. K. Mustakallio, E. O. Ahos, E. O. Autio ....................... 971
Fluorescence Characteristics of 5-Hydroxytryptamine (Serotonin):
S. Udenfriend, D. F. Bogdanski, H. Weissbach .................. 972
Two Carbohydrases Occurring in Insect-Produced Honeydew:
J. P. Wolf, III, and W. H. Ewart ............................ 973
Graphic Determination of Mean Values: S. I. Askovitz ............... 973

Book Reviews
Estudos Sôbre os Virus Coxsackie; Analysis of Insecticides and Acaricides; Optical Properties of Thin Solid Films; Beta- and Gamma-Ray Spectroscopy; Quantum Theory of Solids; Fundamental Formulas of Physics; New Books 974

Scientific Meetings
American Psychological Association; Alaskan Science Conference; Meeting Notes; Society Elections; Forthcoming Events ............... 977
Equipment News ........................................ 984

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE