Contents

The Nature and Need of Educational Research:
Douglas E. Scates ........................................................................ 657

Science and Life in the World; George Westinghouse
Educational Foundation Forum, 16-18 May ............................... 662

TECHNICAL PAPERS

The Structure and Synthesis of the Liver L. casei
Factor: Robert B. Angier, et al. ................................................. 667

Famine Edema and the Mechanism of Its Formation: Ancel Keys, et al. ......................................................... 669

Antibacterial Action of Phenanthrene-related Substances: Walter Raab ................................................................. 670

BOOK REVIEWS

New drugs: Arthur D. Herrick.
Reviewed by L. Wait Rising ......................................................... 676

Soap in industry: Georgia Leffingwell and
Milton Lesser.
Reviewed by A. Bondi ............................................................... 676

LETTERS TO THE EDITOR

Carbon Dioxide as an Essential Factor in the Bacterial Decomposition of Cellulose:
A. S. Perlis and M. Michaelis ...................................................... 673

Use of the Shay Rat for Assay of Antineur Substances:
Frances Pauls, Arne N. Wick, and
Eaton M. MacKay ........................................................................ 673

Reprints to Denmark: Henrik Dam ............................................... 673

Differentiation of Antibiotics by Resistant Strains:
P. C. Eisman, W. S. Marsh, and E. L. Mayer .................................. 673

Nuclear Fission Bomb as Initiator of Earthquakes:
Anatol James Shneiderov ........................................................... 674
Science 103 (2683), 657-676.