Editorial
A Question of Degrees ........................................................... 441

Articles
Electromagnetic Radiation as a Tool in the Life Sciences: T. Jaski and C. Süsskind ..... 443
Radio waves, long used for communications, are becoming an important tool in biophysics research.

Science in the News
The Missile Gap; Overhead for Federal Research Grants; Aid to Education and Civil Rights ........................................................... 448

Book Reviews
M. B. Arnold’s Emotion and Personality, reviewed by W. C. Halstead; other reviews ... 455

Reports
Effect of Electrostatic Field on Freezing of Supercooled Water and Insects: R. W. Salt ................................................................. 458
Lipids of Ankistrodesmus braunii: V. R. Williams and R. McMillan ......................... 459
Appearance of a Spring Maximum in Nuclear Test Debris in 1960: P. F. Gustafson, S. S. Brar, M. A. Kerrigan ......................................... 460
Latitudinal Effect in the Transfer of Radiocarbon from Stratosphere to Troposphere: H. Tauber ......................................................... 461
Growth Inhibition of Insects and a Fungus by Indole-3-Acetonitrile: E. E. Smissman, S. D. Beck, M. R. Boots ........................................ 462

Association Affairs
Paul M. Gross, President-Elect: P. Handler ........................................ 463
AAAS Council Meeting, 1960: D. Wolfe ........................................... 465
AAAS Officers, Committees, and Representatives for 1961 .............................. 468
Public Information Service: S. S. Negus ............................................. 480
Reports of Sections and Societies ................................................................ 482

Departments
Forthcoming Events; New Products ..................................................... 528

Cover
Salicylic acid crystals (×880). [L. C. Massopust, Marquette University School of Medicine]