Editorial
Science Teacher Certification .......................................................... 1779

Articles
Meteorite Impact Suggested by Shatter Cones in Rock: R. S. Dietz .......... 1781
Three cryptoexplosion structures yield new evidence of natural hypervelocity shocks.

The Tercentenary of the Royal Society: D. C. Martin ......................... 1785
The oldest learned society, through meetings, grants, and publications, encourages scientific inquiry.

An Evaluation of Existing Fallout Collection Methods: G. A. Welford and W. R. Collins, Jr. ................................................... 1791
Analysis of data shows that open vessels and funnels are equally efficient for fallout sampling.

Science in the News
The Drug Inquiry: A Curious Affair That Has Netted Some Solid Results .......................................................... 1794

Book Reviews
Textbook of Physiology, reviewed by W. J. Freeman; other reviews ........ 1799

Reports
Long-Period Seismic Waves from Nuclear Explosions in Various Environments: J. Oliver, P. Pomeroy, M. Ewing ................. 1804

Early Man Site Found in Highland Ecuador: W. J. Mayer-Oakes and R. E. Bell ................. 1805

Response of Cupressus funebris Tissue Cultures to Gibberellins: J. Straus and R. R. Epp ................. 1806


Life Shortening and Tumor Production by Strontium-90: V. E. Archer and B. E. Carroll ......................... 1808


Complementation at the Maroon-like Eye-Color Locus of Drosophila melanogaster: E. Glassman and W. Pinkerton ......................... 1810

Analysis of Firing Patterns in Single Neurons: G. L. Gerstein .......... 1811

Vivax-Type Malaria Parasite of Macaques Transmissible to Man: D. E. Eyles, G. R. Coatney, M. E. Getz ......................... 1812

Telemetering of Intraenteric Pressure in Man by an Externally Energized Wireless Capsule: J. T. Farrar, C. Berkley, V. K. Zworykin ................................. 1814

Departments
Letters from D. Landy, M. M. May, D. L. McRae; W. H. Kane, W. Lepkowski, G. G. Simpson ......................... 1816

Program for Collecting Meteorites; Forthcoming Events; New Products ......................... 1824

Cover
Shatter coned Knox dolomite from the Wells Creek Basin cryptoexplosion structure in Tennessee. The coning is believed to have resulted from an intense high-velocity shock wave from a meteorite impact (about one-half natural size). See page 1781. [C. W. Wilson, Jr., Vanderbilt University]
Science 131 (3416), 1779-1844.