Editorial

Moment of Truth .......................... 267

Articles

A View of Genetics: J. Lederberg ........................................... 269
Human and Amphibian Neoplasms Compared: W. R. Duryee et al. ............... 276
Tumors in frogs and human beings are strikingly similar in cytological characteristics.

Introducing Modern Medicine in a Navajo Community: W. McDermott et al. .... 280
Physicians and anthropologists are cooperating in this study of changing patterns of culture and disease. The second of two parts.

Science in the News

Scientific Activity in Africa Growing; U.S. Education Aid Rising Slowly ........ 287

Book Reviews

B. Wallace and Th. Dobzhansky, Radiation, Genes, and Man, reviewed by B. Glass; other reviews ................................................................. 293

Reports

Enzymatic Basis of Mannose Toxicity in Honey Bees: A. Sols,
E. Cadenas, F. Alvarado ............................................................. 297

Identity of a Rust on Ephedra: F. D. Kern and P. D. Keener ......................... 298

Cosmic Neutrino Radiation: G. Marx and N. Menyhárd ................................ 299

Computer Analysis of Reflex Control and Organization: Respiratory Sinus Arrhythmia: M. Clynes ............................................................... 300

Solid-Counting of Octadecane-1-H3: M. Muramatsu and T. Sasaki .................. 302

Electron Transfer and Absorption Spectra of Complexes:
S. Ainsworth and E. Rabinowitch .............................................. 303

Departments

Letters from R. B. Kelman and V. H. Denenberg; C. D. Holmes, G. W. Brier,
D. B. Kline; D. M. Gates .............................................................. 263

Pure Chemical Compounds; Forthcoming Events; New Products .................. 304

Cover

The Massachusetts coast. Martha's Vineyard is at the lower left, and Chappaquiddick Island is at the right. Nantucket Sound is in the center, and Cape Cod and Massachusetts Bay are in the background. [Photo by Laurence Lowry, from This Sculptured Earth, published by Columbia University Press; see page 294]