Editorial

Civilian Nuclear Power .......................................................... 1231

Articles

The Rise of a Research Empire: NIH, 1930 to 1950: D. C. Swain .......... 1233

The spectacular growth of NIH came after two decades of careful planning
by the Public Health Service.

Light and the Asexual Reproduction of Pilobolus: R. M. Page ............ 1238

Responses to light play an important role in the development and
reproduction of this fungus.

News and Comment

World Atom Agency—Apprehension Over U.S. Policy; Federal Education Aid—
Where Does the Money Go?; Birth Control—U.S. Makes Major Policy Statement. 1245

Book Reviews

The Nature of Science: C. C. Gillispie ........................................ 1251

Normal science is succeeded by a creative phase of revolution out
of which new concepts emerge.

The Value of Water in Alternative Uses, reviewed by R. K. Linsley; other reviews .... 1253

Reports

Sound Stimulation and Its Effect on Dental Sensation Threshold: S. Carlin et al. .... 1258

Gas-Flow Counting of Carbon-14 Compounds: An Improved Technique:
H. J. Perkins and M. D. MacDonald ........................................ 1259

Poisoning by Organic Phosphorus Pesticides Potentiated by Phenothiazine Derivatives:
T. B. Gaines ........................................................................ 1260

Potassium-Argon Dating of Plutonic Bodies in Palmer Peninsula and Southern Chile:
M. Halpern ........................................................................ 1261

Surface Textures of Sand Grains—an Application of Electron Microscopy: Glaciation:
D. Krinsley and T. Takahashi .................................................. 1262

Geotropic Stimulation: Effects on Wound Vessel Differentiation:
L. W. Roberts and D. E. Fosket ............................................... 1264

The Fungus Beuveria tenella: T. C. Cordon and J. H. Schwartz ............ 1265

Diamonds in the Dyalpur Meteorite: M. E. Lipshutz ........................ 1266

Hypersexual Activity Induced in Females of the Cockroach Nauphoeta cinerea:
L. M. Roth ........................................................................ 1267

Aversive Training: Long-Term Effects: H. S. Hoffman, M. Fleshler, P. K. Jensen .... 1269

Homology Test between the Nucleic Acid of an RNA Virus and the DNA in the Host Cell:
R. H. Doi and S. Spiegelman .................................................. 1270

Photographic Cytophotometry with a Dual Microscope: J. W. Kelly .......... 1272

Correspondence between Stevens' Terminal Brightness Function and the Discriminability
Law: E. E. Green .................................................................. 1274

Departments

Meetings: Handling, Reducing, and Interpreting Geophysical Data; Forthcoming
Events ............................................................................. 1276

New Products ....................................................................... 1284

Cover

Surface of sand from the beach at the junction of Old Montauk Highway and Wash-
ington Road on the south shore of Long Island. See page 1262.
Science 138 (3546), 1231-1287.