Editorial

A Plank for Science .......................................................... 385

Articles

High Magnetic Field Research: H. P. Farth .................................. 387

Magnetic pressure can move mountains of metal or plasma for the engineer, and atoms for the physicist.

Exobiology: Approaches to Life beyond the Earth: J. Lederberg ............. 393

Research Overhead and the Universities: N. Kaplan ................................ 400

Should government support of basic research in private universities cover overhead as well as direct costs?

Science in the News

Senate Report Finds Duplication of Effort in Space Agency; Jury Decides Cigarettes Caused Lung Cancer But Company Is Not Liable; National Science Foundation Grants for Research; AAAS Symposium on Science in Communist China ........................................ 404

Book Reviews

Conflict of Interest and Federal Service, reviewed by J. R. Newman; other reviews .......................................................... 410

Reports

Pigmy Marmoset as an Experimental Animal: H. Sobel, C. E. Mondon, C. V. Means ........................................................ 415

Synxenic and Attempted Axenic Cultivation of Rotifers:

E. C. Dougherty, B. Solberg, L. G. Harris ........................................ 416

Regulation of Reproductive Rate by Intra-uterine Mortality in the Deer Mouse:

R. L. Helmreich ........................................................................................................ 417

Studies on the Regulation of Fatty Acid and Cholesterol Synthesis in Avian Liver:


Biological Activity of 3-Methoxy-Catecholamines:

J. Champsagne, A. D’Iorio, A. Beaudry ................................................................ 419

Influence of Uterine Site on Occurrence of Spontaneous Cleft Lip in Mice: D. G. Trasler ........................................................ 420

“Second Emerson Effect” in the Hill Reaction of Chlorella Cells with Quinone as Oxidant:

R. Govindjee, J. B. Thomas, E. Rabinowitch ........................................ 421

Inhibition of Photosynthesis in Some Algae by Extreme-Red Light:

E. Rabinowitch, Govindjee, J. B. Thomas ........................................ 422


Experimental Shark Pens at the Lerner Marine Laboratory:

P. W. Gilbert and H. Kritzler ........................................................................... 424

Departments

Letters from H. F. Gallup and C. Reid; H. C. Dudley; F. W. Went; J. L. Swauger .......... 378

Congress of Anatomists; Forthcoming Events; New Products .................... 426

Cover

Shell of a pectinid bivalve through which a gastropod has drilled a hole 3 millimeters in diameter. The shell was collected by the Danish Galathea Expedition 1950–52 in the Australian Bight at a depth of 440 meters, and was made available by the Zoological Museum, Copenhagen. The photograph was made by S. M. Boone and M. R. Carriker. [M. R. Carriker, University of North Carolina]