Editorial

Dreams and Visions .......................................................... 321

Articles

Shark Attacks during 1959: P. W. Gilbert, L. P. Schultz, S. Springer ............. 323
The conditions under which sharks attack man suggest what measures may be taken to reduce risk.

Biological Availability of Strontium-90 from Atomic Tests: E. A. Bryant et al. .......... 327
From 50 to 100 percent is available to the biosphere, depending on the immediate environment of the bomb.

Personality Attributes of Gifted College Students: J. R. Warren and P. A. Heist .... 330
Gifted students are less authoritarian and show more esthetic and intellectual interest than other students.

Science in the News

The Republican Convention: Nixon's "Progressive Conservatism" Is More Progressive than Conservative; Morse Appointed to Science Editorial Board ................. 337

Book Reviews

Automatic Language Translation and Automatic Translation, reviewed by P. L. Garvin and D. R. Swanson; other reviews ........................................ 343

Reports

Competitive Exclusion: L. C. Cole ............................................. 348

Pupil Size as Related to Interest Value of Visual Stimuli: E. H. Hess and J. M. Polt .... 349

Improved Chlorophyll Extraction Method: D. J. Nelson ................................ 351

Effect of Reserpine on Release of Noradrenaline from Transmitter Granules in Adrenergic Nerves: U. S. von Euler and F. Lishajko ........................................ 351

Interhemispheric Effects of Cortical Lesions on Brain Biochemistry:
D. Krech, M. R. Rosenzweig, E. L. Bennett ........................................ 352

Moisture Stress as a Requirement for Flowering of Coffee: P. de T. Alvim ........ 354

Two Forms of Chlorophyll a in vivo with Distinct Photochemical Functions:
Govindjee and E. Rabinowitch .................................................. 355

Capacity Electrode for Chronic Stimulation: A. Mauro ................................ 356

Age at Menopause of Urban Zulu Women: J. H. Abramson et al. .................. 356

Two c-Type Cytochromes from Light- and Dark-Grown Euglena:
J. A. Gross and J. J. Wolken .................................................. 357

Association Affairs

AAAS Financial Report for 1959 ............................................... 359

Departments

Forthcoming Events; New Products ........................................... 362

Letters from G. H. Mangun; R. Rodale, J. W. McKay, F. H. Berry; A. A. Mullin;
I. G. Sohn; I. Fatt and P. F. Scholander ........................................... 365

Cover

Basking shark (Cetorhinus maximus), its dorsal and tail fins above the surface and its mouth wide open, sieving plankton in the Firth of Clyde, Scotland. [J. H. Fraser, Marine Laboratory, Aberdeen, Scotland]