Editorial

Air Conservation

Articles

The Upper Limit of Crop Yield: J. Bonner

This classical problem may be analyzed as one of the photosynthetic efficiency of plants in arrays.

Stratospheric Residence Time of Strontium-90: P. K. Kuroda et al.

An overall average residence time of 0.7 ± 0.1 year was observed during the period 1958 through 1960.

The General Limits of Space Travel: S. von Hoerner

We may never visit our neighbors in space, but we should start listening and talking to them.

News and Comment

Space role for Air Force

Book Reviews

Approaches to Mathematics: W. Givens

Should mathematics be considered an ethereal creation, a source of practical applications, or a mental game?

O. Warburg's New Methods of Cell Physiology, reviewed by V. Moses; other reviews

Reports

Observations on the Solubility of Skeletal Carbonates in Aqueous Solutions: K. E. Chave et al.

Preliminary Results of Recent Deep Drilling on Cape Cod, Massachusetts: C. Kot eff and J. E. Cotton


Drive Decay: The Cause of Fast "Extinction" of Habits Learned for Brain Stimulation: C. I. Howarth and J. A. Deutsch

Transportation of Oyster Drills by Horseshoe "Crabs": C. L. MacKenzie, Jr.

Clams as Indicators of Strontium-90: D. J. Nelson

Radiotelemetry of the Respiration of a Flying Duck: R. D. Lord, Jr., F. C. Bellrose, W. W. Cochran

Departments

New Products

Meetings: Forthcoming Events

Cover

Snow erosion on Arctic Drifting Station Charlie (77°N) in early December 1959. Snow had fallen a few days before. The wind, after a change in direction or velocity, can cut away a foot or more of hard-packed snow in a few hours. Illumination by Coleman lantern. [V. P. Hessler, College, Alaska]
Editor's Summary