FRAUD IN SCIENCE: R. E. Kuttner; ARID LAND CROPS: L. Icerman; C. W. Hinman; CARCINOGENESIS: T. H. Jukes

THE BELL LABORATORIES REVISITED


GOVERNMENT POLICIES AND THE COST OF DOING RESEARCH: D. Kennedy

NUCLEOTIDE SEQUENCE AND EXPRESSION OF AN AIDS-ASSOCIATED RETROVIRUS (ARV-2): R. Sanchez-Pescador et al.

BRIEFING: OMB DIRECTOR WILL COST NIH LOSS OF 1500 GRANTS; MACARTHUR PUTS $25 MILLION INTO WORLD PEACE STUDIES; WHITE HOUSE PICKS CALIO TO HEAD NOAA; PEACE INSTITUTE FUNDS DEFERRED; GERMANY WANTS IN ON U.S. SPACE STATION; COMINGS AND GOINGS

GENE THERAPY: RESEARCH IN PUBLIC

LEGISLATIVE PARALYSIS ON THE ENVIRONMENT

UNEXPECTED PROGRESS IN PHOTORECEPTION

AN AMPLIFYING CASCADE

A PARADOXICAL MOLECULE

AIDS VIRUS GENOMES

INYO DOMES DRILLING HITS PAY DIRT

SQUARKS AT CERN?

WILD STRING OF WINTERS CONFIRMED

ANNUAL REPORT OF THE EXECUTIVE OFFICER: W. D. CAREY
BOOK REVIEWS

Isolated Singular Points on Complete Intersections, reviewed by H. C. Pinkham; The Solar Granulation, S. L. Keil; European Mires, A. W. H. Damman; Cellular Ageing, G. Martin; Reprints of Books Previously Reviewed; Books Received.

REPORTS


Two-Million-Year Record of Deuterium Depletion in Great Basin Ground Waters: I. J. Winograd et al.


Histological Demonstration of Mosaicism in a Series of Chimeric Rats Produced Between Congenic Strains: W. C. Weinberg, J. C. Howard, P. M. Iannaccone.

Microorganism Mediated Reproductive Isolation in Flour Beetles (Genus Tribolium): M. J. Wade and L. Stevens.

Experimental Leprosy in Three Species of Monkeys: R. H. Wolf et al.

The Role of Hemoglobin Denaturation and Band 3 Clustering in Red Blood Cell Aging: P. S. Low et al.

Insulin Mediators from Rat Skeletal Muscle Have Differential Effects on Insulin-Sensitive Pathways of Intact Adipocytes: L. Jarett et al.

Vaccination Against Schistosoma mansoni with Purified Surface Antigens: M. A. Smith and J. A. Clegg.

Characterization of Long Terminal Repeat Sequences of HTLV-III: B. Starich et al.

The Pollination of Zygogynum (Winteraceae) by a Moth, Sabatinca (Micropterigidae): An Ancient Association?: L. B. Thien et al.


Hypothalamic Reward Mechanism: Two First-Stage Fiber Populations with a Cholinergic Component: A. Gratton and R. A. Wise.

Multiple Organ Carcinogenicity of 1,3-Butadiene in B6C3F1 Mice After 60 Weeks of Inhalation Exposure: J. E. Huff et al.

COVER

Variegated Glacier (Alaska) in full surge, 4 July 1983. View is upstream from a point 5 kilometers from the terminus. It shows the extreme fracturing (crevassing) and bulging, or arching up, of the ice caused by the surge. Ice in the middle ground is moving toward the camera at a speed of about 30 meters per day. In the foreground is a lake (with icebergs) formed by welling up of highly turbid (brown) water in the large crevass (left foreground), from which the water flows out to the glacier margin. This water comes from the glacier bed and its upwelling is an indication of high pressure in the basal system. See page 469. [Elise Mezger, California Institute of Technology, Pasadena 91125]
Editor's Summary

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