

science news

July 4, 1970 **25c**
Vol. 98, No. 1, pp. 1-24

print of a lake-killer

Prospective schizophrenia research
Drilling the Mediterranean



Eutrophication, the pouring of excessive nutrients into waterways, causes growth of noxious algae, as shown in a Minnesota lake. See page 17. (Photo: Minneapolis Star)

- 5 Planning for the open lands
- 6 Polywater's stock declines
Neurophysiology and space radiation
- 7 Cyclamates still in ferment
Modular shipbuilding
- 8 AMA tackles the issues
- 9 Moving on the combination antibiotics
Beyond the Upper Mantle Project
- 10 Science Newsbriefs: Apollo 14 schedule; No oxygen drop; Seaborg renominated; Hill-Burton
- 11 **Chemistry:** Low-cost fibers; Mercury extraction; Isotope shortage; Clay in cars; Protein from cotton; Separating polymers; Linear accelerator
- 12 **Behavioral Sciences:** Data on demonstrators; Model for clinical judgments; Origins of mathematicians; Identity figures; Eskimo culture
- 13 **Aerospace:** Ionosphere study; Carbon monoxide sensor; Designing a lunar base; Solar power; Life-support system; Mars landing
- 14 **Medical Sciences:** Frozen kidneys; Disassociative anesthetics; Transfusion hepatitis; Army merit system; Chimps as V.D. models; Pill legislation conflict
- 23 **Physical Sciences:** Radius of Venus; Lenses from liquid crystals; Laser sound effects; Testing the V-A theory; Australian observatory

FROM ABROAD

- 22 **Letter from Bombay:** Sustenance from the sea

IN SCIENCE FIELDS

- 15 **Psychology:** Physical approach to schizophrenia
- 17 **Environment:** On the death of lakes
- 20 **Geology:** Exploring the Mediterranean floor

A Science Service Publication
Vol. 98/July 4, 1970/No. 1
Incorporating Science News Letter

Watson Davis, 1896-1967
Publisher: E. G. Sherburne Jr.

Editor: Warren Kornberg

Managing Editor: Carl Behrens

DEPARTMENTS

Aerospace: Everly Driscoll

Behavioral Sciences: James Moriarty

Chemistry and Engineering: Edward Gross

Earth Sciences: Kendrick Frazier

Environmental Sciences: Richard H. Gilluly

Life Sciences: Barbara J. Culliton

Physics and Astronomy:
Dietrick E. Thomsen

Copy Editors: Nadine Clement
Faye Marley

Production: Robert Trotter

Production Assistant: Maureen Gearty

Books: Margit Friedrich

Editorial Assistant: Esther Gilgoff

Advertising: Scherago Associates, Inc.

Circulation: Marcia Nelson

-
- 4 **Films of the Week**
 - Letters to the Editor
 - 2 **Books of the Week**

SCIENCE SERVICE

Institution for the Popularization of Science founded 1921; a non-profit corporation

Board of Trustees—Nominated by the American Association for the Advancement of Science: **Athelstan F. Spilhaus**, West Palm Beach, Fla.; **Wallace R. Brode** (Treasurer), American Chemical Society, Washington, D. C.; **Bowen C. Dees**, Franklin Institute, Philadelphia, Pa. Nominated by the National Academy of Sciences: **Henry Allen Moe**, The Clark Foundation; **Harlow Shapley**, Cambridge, Mass.; **Allen V. Astin**, Bethesda, Md. Nominated by the National Research Council: **Glenn T. Seaborg** (President), U.S. Atomic Energy Commission; **Leonard Carmichael**, National Geographic Society. Nominated by the Journalistic Profession: **O. W. Riegel** (Secretary), Washington and Lee University; **Gordon B. Fister**, Call-Chronical Newspapers. Nominated by the Edward W. Scripps Trust: **John Troan**, Pittsburgh Press; **Ludwell Denny**, Monterey, Calif.; **Edward W. Scripps II** (Vice President), Edward W. Scripps Trust.

Director: E. G. Sherburne Jr.; Assistant Director: Dorothy Schriver; Staff, Youth Division, Howard Weisbrod; Things of Science, Ruby Yoshioka.