



Report from **Antarctica**

index issue

SCIENCE NEWS®

EDITORIAL

629 Science and the salesmen's art

OF THE WEEK

629 Viral DNA synthesized

631 Sudden warmings of atmosphere predicted in lab Short-span electric brain events stay unconscious

Surveyor 6 convinces the cautious; 7 aimed near Tycho

633 Natural Sciences Notes: American Falls to be dried; Corn, wheat, tested for cracks; Male lizards unneeded; Cattle dine on newspapers; Record peanut crop; Hawaiian nukupuu not extinct; Water limits set on Lake Erie

634 Medical Science Notes: Travel spreads scleroma in U. S.; Fat-free diet ups artery hardening; New material used in heart pump; Rheumatics get Spanish trip; Goiter pleased Raphael, Rubens

637 Technology Notes: 300-mph magnetic train proposed; Sensitive gas tracer system; Anti-smuggling device in Sweden; Fish dust eliminated; Memory belt sorts mail; Laser light further purified

Aerospace Notes: Fireproof lunar module, extra command modules, strong booster; Moonwatch breaks its record; Antenna links subs with satellites; Russians affected by long cabin test; New alloys to be cold-tested; Computer program measures booms

FROM ABROAD

635 Antarctica: Massive scientific effort

639 Semi-annual Index: July-Dec. 1967 pp. 1-648

DEPARTMENTS

647 Books of the Week 628 Letters to the Editor 628 Films of the Week 646 Ideas of the Week

626 Patents

COVER

A Science News correspondent covering the first half of the summer season of the U. S. Antarctic Research Program reports research on the parental instincts of the Adelie penguin, coring through the ice sheet, geophysics, atmospheric physics and other phenomena under examination on and around the world's southernmost continent. P. 635. (Photo: Leerberger)



A Science Service Publication Vol. 92/December 30, 1967/No. 27 Science News Letter ®

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

Editor: Warren Kornberg News Editor: Frank Sartwell

EDITORIAL STAFF

Aerospace: Jonathan Eberhart

Behavioral Sciences: Patricia McBroom

Life Sciences: Barbara J. Culliton

Medicine: Faye Marley

Physical Sciences and Astronomy:

Ann Ewing

Physical Sciences and Technology:

Carl Behrens

Contributing Writer: Barbara Tufty

New Ideas: Ruby Yoshioka

Production Editor: Marilyn Raleigh

Books: Margit Friedrich Assistant to the Editor: Nadine Clement

Advertising Director: Louis D. Young Circulation Manager: Marcia Nelson

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, Franklin Institute; Wallace R. Brode (Treasurer), Washington, D. C.; Bowen C. Dees, University of Arizona. Nominated by the National Academy of Sciences: Henry Allen Moe, The Clark Foundation; Harlow Shapley, Harvard College Observatory; Allen V. Astin, National Bureau of Standards. Nominated by the National Research Council: Glenn T. Seaborg (President), U.S. Atomic Energy Commission; Leonard Carmichael, National Geographic Society; John R. Whinnery, University of California, Berkeley. Nominated by the Journalistic Profession: O. W. Riegel (Secretary), Washington and Lee University; Gordon B. Fister, Call-Chronicle Newspapers; Eugene Patterson, Atlanta Constitution. Nominated by the Scripps Estate: John Troan, Pittsburgh Press; Ludwell Denny, Scripps-Howard Newspapers; Edward W. Scripps II (Vice President), Edward W. Scripps Trust.

Director: E. G. Sherburne Jr.; Assistant Director: Dorothy Schriver; Staff: Science Youth Division: Howard Weisbrod. Photography: Fremont Davis. Syndicate Sales: Forrest L. Snakenberg.