

25c

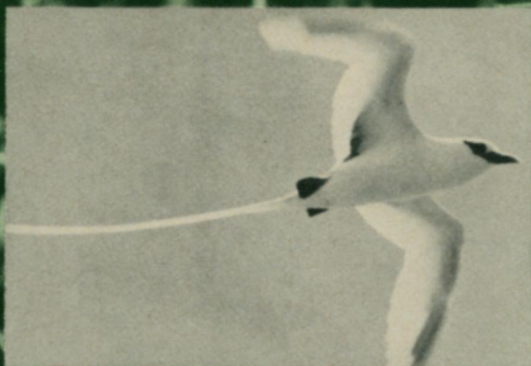
August 12, 1967

VOL. 92 No. 7

Pages 145-168

SCIENCE NEWS

SCIENCE NEWS LETTER



Aldabra: an ecology in danger

Watson Davis, 1896-1967

E. G. Sherburne Jr., Editor
Warren Kornberg, Managing Editor
Frank Sartwell, News Editor

DEPARTMENTS

Aerospace: Jonathan Eberhart
Earth and Environment: John Ludwigson
Life Sciences: Barbara J. Culliton
Medicine: Faye Marley
Physical Sciences and Astronomy: Ann Ewing
Physical Sciences and Technology: Carl Behrens
Social Sciences: Patricia McBroom
Contributing Writer: Barbara Tufty
New Ideas and Gadgets: Ruby Yoshioka
Production Editor: Marilyn Raleigh
Copy Desk: Nadine Clement
Books: Margit Friedrich
Advertising Director: Louis D. Young
Circulation Manager: Marcia Nelson

SCIENCE SERVICE

The Institution for the Popularization of Science organized 1921 as a non-profit corporation

Board of Trustees—Nominated by the American Association for the Advancement of Science: Athelstan F. Spilhaus, University of Minnesota; Wallace R. Brode,*** 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,* 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, ****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,** Edward W. Scripps Trust. * President, ** Vice President, *** Treasurer, **** Secretary.

Director: E. G. Sherburne Jr.
Assistant Director: Dorothy Schriver.

Staff: Science Youth Division: Joseph H. Kraus, Lloyd Ulmer. Photography: Fremont Davis. Syndicate Sales: Forrest L. Snakenberg.

Copyright © 1967 by Science Service, Inc. Reproduction of any portion of SCIENCE NEWS is strictly prohibited.



SCIENCE NEWS . . .

Vol. 92 August 12, 1967 No. 7

. . . OF THE WEEK

- 151 Protein analyzer cuts decades of drudgery
- 152 Sociologists pessimistic on race riots
- 153 First maser in orbit: Russian
Cloud satellites elude the camera
- 154 Diabetic mice offer hope for humans

148 Joseph H. Kraus, science youth pioneer, dies

. . . FROM ABROAD

- 155 Israel: Medical Brain Drain
- 160 England: IQSY and the comets
- 161 Mexico: The electronic herbarium

. . . IN SCIENCE FIELDS

- 156 Conservation: The threat to Aldabra
- 158 Medicine: Teaching animals to smoke
- 160 Physics: A mysterious twist

DEPARTMENTS

- | | |
|---------------------------------|-----------------------------|
| 162 Books of the Week | 163 Life Sciences Notes |
| 164 Earth and Environment Notes | 166 New Ideas and Gadgets |
| 150 Films of the Week | 146 Patents |
| 149 Letters to the Editor | 165 Physical Sciences Notes |
| 167 Medical Sciences Notes | |



COVER—Threatened species of Aldabra include: the giant tortoise, *Testudo gigantea*; white-tailed tropic bird, *Phaethon lepturus lepturus*, and the sacred ibis, *Threskiornis aethiopica abbotti*, shown against island foliage. Military construction on the island could doom them. P. 156. (Photos from Science by Roger Gaymer.)

Subscription rate: 1 yr., \$6.50; 2 yrs., \$11.50; 3 yrs., \$16.50. Special trial offer for new subscribers only: 39 weeks, \$3.43. Single copy, 25 cents. No charge for foreign postage. Change of address: Three weeks' notice is required. Please state exactly how magazine is addressed. Include zip code.

Printed in U.S.A. Second class postage paid at Washington, D. C. Established as Science News Letter® in mimeograph form March 13, 1922. Title registered as trademark U. S. and Canadian Patent offices. Indexed in Reader's Guide to Periodical Literature, Abridged Guide, and the Engineering Index. Member of Audit Bureau of Circulation. UNSOLICITED MANUSCRIPTS will not be returned unless accompanied by a stamped, self-addressed envelope.

Published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N.W., Washington, D. C. 20036. North 7-2255. Cable Address: SCIENSERV.

ADVERTISING

L. D. Young, Advertising Director, SCIENCE NEWS, 1719 N St., N.W., Washington, D. C. 20036, Phone 202-667-8945.

Advertising Representatives: SCRIPPS-HOWARD NEWSPAPERS. General Advertising Department: 200 Park Ave., New York, N.Y., TN 7-5000; 400 N. Michigan Ave., Chicago, Ill., SU 7-3355; 800 Broadway, Suite 1100, Cincinnati, Ohio, 721-1254; Suite 211, Braniff Building, Dallas, Tex., FL 7-3847; 908 E. Northland Tower, Southfield, Mich., 444-4595; 6363 Wilshire Blvd., Los Angeles, Calif., OL 3-0026; Room 1522, Philadelphia National Bank Building, Philadelphia, Pa., LO 3-6275; 100 California St., San Francisco, Calif., 989-5570; Suite 417, 3384 Peachtree Rd., N.E., Atlanta, Ga. 261-5171.