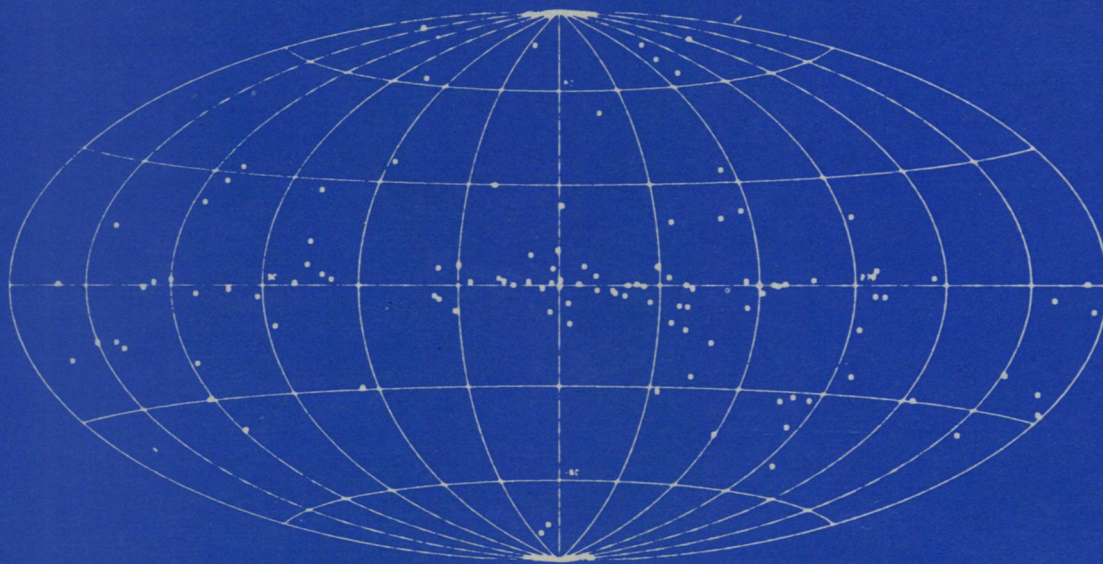
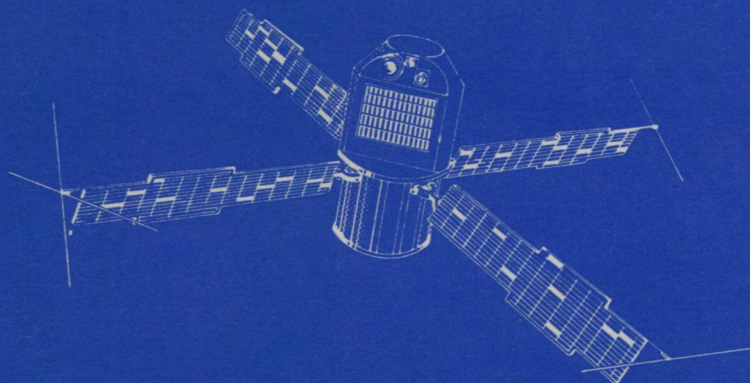


# science news

Jan. 29, 1972  
vol. 101, no. 5, 65-80

The science budget for '73  
Abortion law ferment  
MSH hormone and behavior



## The galaxy in X-rays: The view by Uhuru

A Science Service Publication  
Vol. 101/Jan. 29, 1972/No. 5  
Incorporating Science News Letter

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

Managing Editor: Kendrick Frazier

## DEPARTMENTS

**Aerospace:** Everly Driscoll

**Behavioral Sciences:** Robert J. Trotter

**Earth Sciences:** Louise A. Purrett

**Environmental Sciences:** Richard H. Gilluly

**Medical Sciences:** Joan Lynn Arehart

**Physical Sciences:** Dietrick E. Thomsen

**Copy Editor:** Nadine Clement

**Production:** E. Cherry Doyle

**Production Assistant:** Esther Gilgoff

**Books:** Margit Friedrich

Advertising: Scherago Associates, Inc.

Circulation Manager: Lawrence L. Cope

Copyright © 1972 by Science Service, Inc.,  
1719 N Street, N.W., Washington, D.C. 20036.  
Republication of any portion of SCIENCE NEWS  
is strictly prohibited.

SUBSCRIPTION DEPARTMENT  
231 WEST CENTER STREET  
MARION, OHIO 43302

Subscription rate: 1 yr., \$7.50; 2 yrs., \$13.50;  
3 yrs., \$19.50. Special trial offer: 39 weeks,  
\$3.97. Single copy, 25 cents. \$1.00 per year for  
foreign postage. Change of address: Four to  
six weeks' notice is required. Please state  
exactly how magazine is to be addressed. In-  
clude zip codes.

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 Cana-  
dian Patent Offices. Indexed in last Science  
News of June and December, in Reader's Guide  
to Periodical Literature, Abridged Guide and  
the Engineering Index. Member of Audit Bu-  
reau of Circulation. UNSOLICITED MANU-  
SCRIPTS will not be returned unless accom-  
panied by a stamped, self-addressed envelope.

Published every Saturday by SCIENCE SER-  
VICE, Inc., 1719 N St., N.W., Washington, D.C.  
20036. 202-785-2255. Cable Address: SCIEN-  
SERV.

ADVERTISING STAFF  
Director: EARL J. SCHERAGO  
Advertising Sales Manager:  
RICHARD L. CHARLES  
Sales Director:  
FRED W. DIEFFENBACH  
Production Manager  
BONNIE F. SEMEL

Address all advertising to Scherago Associates,  
11 W. 42nd St., New York, N.Y. 10036.

Sales: New York, N.Y. 10036: Herbert L. Burk-  
lund, 11 W. 42 St. (212-PE-6-1858); Scotch  
Plains, N.J. 07076: C. Richard Callis, 12 Unami  
Lane (201-889-4873); Medfield, Mass. 02052:  
Richard M. Ezequelle, 4 Rolling Lane (617-444-  
1439); Chicago Ill. 60611: John P. Cahill, Room  
2107, 919 N. Michigan Ave. (312-DE-7-4973);  
Beverly Hills, Calif. 90211: Winn Nance, 111 N.  
La Cienega Blvd. (213-657-2772).

january 29, 1972

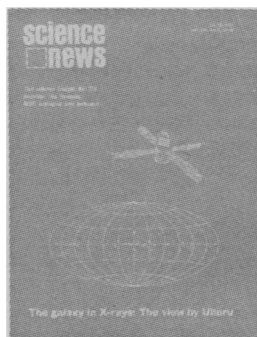
## OF THE WEEK

- The science budget for '73 . . .  
**69** . . . An over-all view
- . . . Defense R & D predominates  
. . . Space budget steady  
**71**
- 72** Toxoplasmosis scare  
Emergency health care  
Survey on marijuana usage  
Virus in mothers' milk
- 73** **Space Sciences:** Lunar glass bean and meteorites; Discovery of uranium  
236 and neptunium 237; Why the moon isn't round; Age of lunar  
craters; Hydrous mineral on the moon
- 74** **Earth Sciences:** Effects of Cannikin; Another magnetic reversal; Stresses  
at a continental margin
- Behavioral Sciences:** Smoking and size of babies; Identity problems of  
police recruits; Destruction of archaeological sites

## IN SCIENCE FIELDS

- 75** **Medicine and Law:** Barriers to liberalized abortion laws
- 76** **Astronomy:** X-ray results from satellite Uhuru
- 78** **Biochemistry:** Pigment hormone and behavior

- 66** Books of the Week
- 68** Letters to the Editor
- 79** Films of the Week



X-ray astronomers now have a steady eye in the sky, the satellite Uhuru. Its scans of the heavens are enabling them to make more and more detailed maps of X-ray sources in our galaxy and elsewhere. See p. 76. (Photos: NASA, American Science and Engineering. Montage: E. Cherry Doyle)

## 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: **Wallace R. Brode** (Treasurer), American Chemical Society, Washington, D.C.; **Bowen C. Dees**, The Franklin Institute, Philadelphia, Pa.; **Athelstan Spilhaus**, Woodrow Wilson International Center for Scholars, Washington, D.C. Nominated by the National Academy of Sciences: **Gerald F. Tape**, Associated Universities, Washington, D.C.; **Allen V. Astin**, National Bureau of Standards, Washington, D.C.; **Frederick Seitz**, Rockefeller University, New York, N.Y. Nominated by the National Research Council: **Leonard Carmichael**, National Geographic Society, Washington, D.C.; **Jacob Rabinow**, Control Data Corp., Rockville, Md.; **Glenn T. Seaborg** (President), University of California, Berkeley, Calif. Nominated by the Journalistic Profession: **Gordon B. Fister**, Call-Chronicle Newspapers, Allentown, Pa.; **Julius Duschka**, Washington Journalism Center, Washington, D.C.; **O. W. Riegel** (Secretary), Washington and Lee University, Lexington, Va. Nominated by the E. W. Scripps Trust: **Milton Harris**, Washington, D.C.; **Edward W. Scripps II** (Vice President and Chairman of the Executive Committee), Edward W. Scripps Trust, New York, N.Y.; **John Troan**, Pittsburgh Press, Pittsburgh, Pa.

Director: E. G. Sherburne Jr.; Assistant Director: Dorothy Schriver; Business Manager: Donald R. Harless; Staff: Youth Division: Owen Basil; Things of Science: Ruby Yoshioka.