

25c



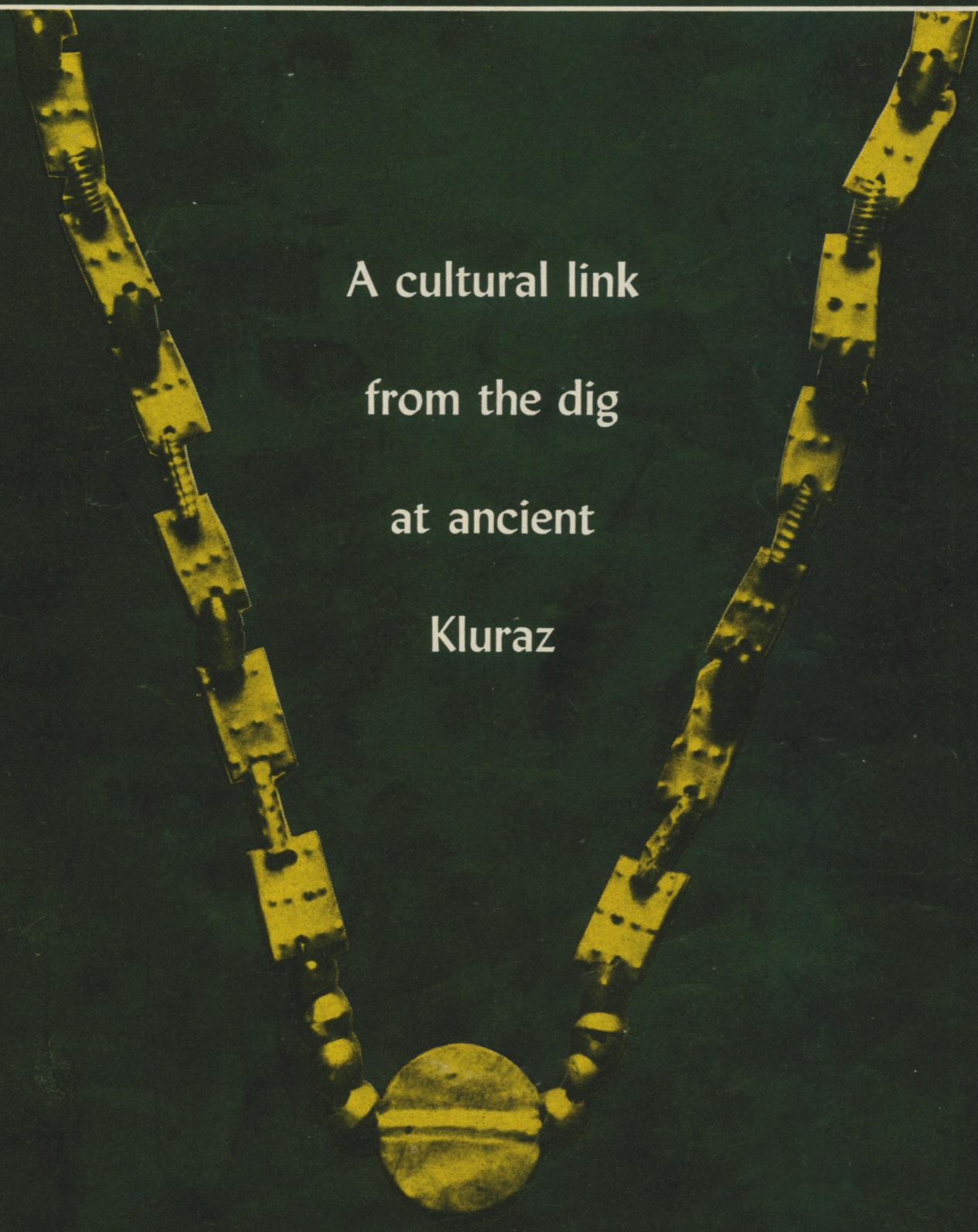
JULY 6 1968/VOLUME 94/No. 1 P. 1-24

# SCIENCE NEWS

dwarf wheats do a job  

---

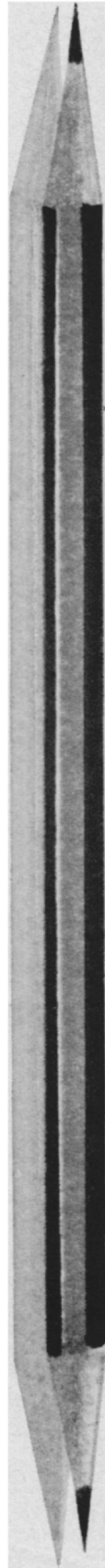
letter from Canberra



A cultural link  
from the dig  
at ancient  
Kluraz

# The college contribution

# is a two-way street



There are two ways to look at it.

There's the contribution the colleges make to business.

That's crucial.

Business employs about 42% of all college educated people. It uses their brainpower and skill in developing new products and methods. It fills management posts.

In the other direction, there's the contribution business makes to colleges.

The colleges welcome it. They need all the funds they can get. They're helping to prepare leaders for management, but the cost of this preparation—the whole cost of education—is going up sharply.

If business wants college talent, it must keep colleges in business. It can help finance their need for classrooms, facilities and especially teachers.

In this light, your aid-to-education program is an aid to your company.

**SPECIAL TO MANAGEMENT**—A new booklet of particular interest if your company has not yet established an aid-to-education program.

Write for: "THE RATIONALE OF CORPORATE GIVING," Box 36, Times Square Station, New York, N. Y. 10036.



## College is Business' Best Friend

---

## EDITORIAL

- 5 Psychology and firearms

## OF THE WEEK

- 6 Budget cuts portend disaster
- 8 New test for seismic net
- 9 Medical association liberalizes
- 10 House approves metric study
- 11 **Technology Notes:** Star checker checks circuits; Atoms for the Middle East; Renaissance painting techniques; Silence is leaden; Phosphors could check hull design; Japan's first weightlessness simulator
- 12 **Aerospace Notes:** Hopping up the Rankine cycle; Aerospace will drop 16,000 people; Fast-fix cement for runways; Wire and weight in the SST; U.S. and France study tilt rotors; Hydrazine thrusters for ATS-D
- 13 **Earth and Environment Notes:** The sea invades Alaskan canal; Computer studies salmon; Gold mining by computer; Spring tracked by alfalfa; Canadian marsh gets reprieve; Estuarine prediction service
- 14 **Medical Sciences Notes:** Fast police pursuit dangerous; Smoking can cause nervousness; Quick walking on casts successful; Implanted artery helps blood flow; Ointment speeds healing



The moon on a string may have been on the mind of the designer of this necklace of gold and semiprecious stones, who fashioned it on the shores of the Caspian Sea some 2,700 years ago. p. 15.

## FROM ABROAD

- 10 **Japan:** Next in speedy trains
- 19 **India:** Wheat and revolution
- 22 **Letter from Canberra:** Arming the antibody

## IN SCIENCE FIELDS

- 15 **Archaeology:** Uncovering a cultural link

## DEPARTMENTS

- 23 Books of the Week
- 21 Films of the Week
- 4 Letters to the Editor

A Science Service Publication  
Vol. 94/July 6, 1968/No. 1  
Science News Letter®

Watson Davis, 1896-1967

Publisher: E. G. Sherburne Jr.

Editor: Warren Kornberg

Managing Editor: Frank Sartwell

### EDITORIAL STAFF

**Aerospace:** Jonathan Eberhart

**Behavioral Sciences:** Patricia McBroom

**Life Sciences:** Christopher Weathersbee

**Medicine:** Faye Marley

**Physical Sciences and Astronomy:**

Ann Ewing, Dietrick E. Thomsen

**Physical Sciences and Technology:**

Carl Behrens

**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 Edward W. Scripps Trust: **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: Youth Division: Howard Weisbrod; Photography: Fremont Davis.