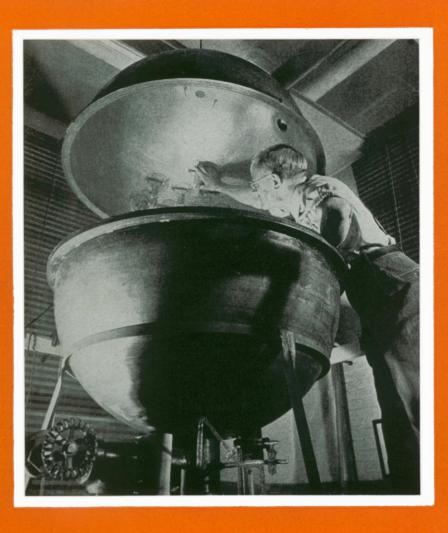
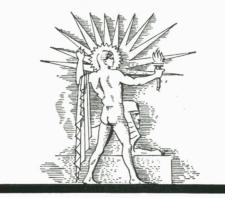
# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE .





October 4, 1941



Glare Elimination

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A SCIENCE SERVICE PUBLICATION

# Do You Know?

British postage stamps of lower values are to be printed in paler colorsto save dyes.

Useful in assembling airplanes are "firecracker" rivets, which explode into place at the touch of an electric gun.

When the weather changes suddenly, New York's telephone weather report service sometimes gets 4,200 calls in half an hour.

To give Army gunners practice in anti-tank warfare, electrically operated targets move tank-fashion, at a new Fort Dix target range.

A report from Moscow says that more than 10,000,000 Russians in factories, offices, colleges and farms have been trained to work in gas masks.

The U. S. Coast and Geodetic Survey has surveyed 200,000 square miles of the Gulf of Alaska, charting under-sea mountains as high as 12,000 feet on the sea floor.

Movie actresses are at their best, so far as performance and income go, between ages of 25 and 29, and movie actors between 30 and 34, a psychologist reports.

Connecticut has given its hybrid corn an historic naming system, earliest ripening varieties getting such names as Standish, Plymouth and Jamestown, and so on, following American history with later ripening varieties until the very late corn is named Churchill, Roosevelt, Hull, and Wavell.

### QUESTIONS DISCUSSED IN THIS ISSUE

Most articles which appear in SCIENCE NEWS LETTER are based on communications to Science Service, or on papers before meetings. Where published sources are used they are referred to in the article.

#### ENGINEERING-PSYCHOLOGY

How can colors be used to prevent accidents? p. 212.

#### GEOLOGY

How recently was the English Channel formed? p. 216.

#### MEDICINE

How could deaths of bronchial cancer patients be prevented? p. 222.

How does cancer affect the ability of the body to use vitamins? p. 218.

What drugs may substitute for quinine in the treatment of malaria? p. 212. What new disease is detected by X-ray?

p. 218. What serious human disease is carried by

wild and barnyard fowl? p. 211.

#### MILITARY SCIENCE

What are Soviet school children taught about living in war? p. 216.

#### PHYSICS

By what number can you multiply repeatedly to take you from electron to universe? p. 221.

How are cosmic rays created? p. 214. What is air made of? p. 219.

What record was made of the magnetic storm that accompanied the brilliant aurora? p. 216.

#### PHYSIOLOGY

How does alcohol affect your ability to respond to pain? p. 217.

Which is more digestible, raw or hard boiled egg white? p. 217.

#### PHYSIOLOGY-GENERAL SCIENCE

How does dropping through space affect human senses? p. 213.

What chemical "scent" holds a Paramecium to others? p. 214.

What chemical signal betrays presence of tuberculosis germs in the body? p. 213.

Where has a distinct variety of the human species been found? p. 213.

#### PLANT PHYSIOLOGY

How do tip buds stop the growth of others? p. 217.

#### **PSYCHOLOGY**

How can persons be taught to control their own skin resistance? p. 215.

How does the order of lessons affect efficiency in learning? p. 212.

What is the difference between what your right and left ears hear? p. 216.

Why should men make better night drivers than women? p. 214.

What special importance has the new-found ability of monkeys to sort by color? p. 216.

#### PUBLIC HEALTH

Where is infantile paralysis still on the increase? p.~212.

How can static be used to predict the path of hurricanes? p. 211.

What rare bird is now on the increase?

Citrus wood may be a usable source of lignin for making plastics and other products, two California scientists report.

Glasgow school children are reported to be about a year behind in reading achievement, the result of war conditions.

A recent Japanese order raises the amount of alcohol to be mixed with gasoline for automobiles from 15% to 20%.

Indians obtained flour and edible oil from sunflower seed.

Wearing headphones and holding a microphone, an Argentine parachutist recently broadcast his experiences during

Some German parachute agents dropped in England have been accompanied by homing pigeons for messagesending.

## SCIENCE NEWS LETTER

**OCTOBER 4, 1941** No. 14

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St. N. W., Washington, D. C. Edited by WATSON DAVIS.

Subscriptions—\$5.00 a year; two years, \$7.00; 15 cents a copy. Ten or more copies to same address, 5 cents a copy. Back numbers more than six months old, 25 cents.

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Cable address: Scienservc, Washington. Entered as second class matter at the postoffice at Washington, D. C., under the Act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and in the Engineering Index.

Members of the American Association for the Advancement of Science have privilege of subscribing to SCIENCE NEWS LETTER, at \$3 a year.

The New York Museum of Science and Industry has elected SCIENCE NEWS LETTER as its official publication to be received by its mem-

Advertising rates on application. Member Audit Bureau of Circulation.
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