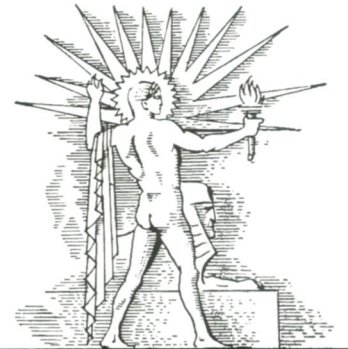
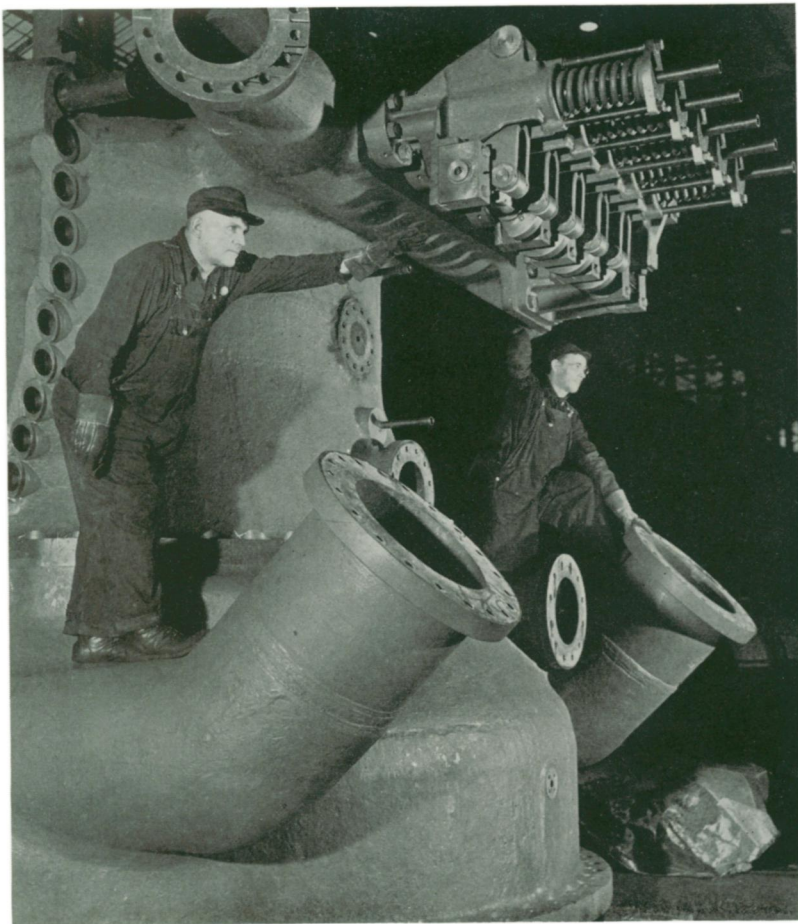


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



February 15, 1941

For Electric Power

See Page 102

A S C I E N C E S E R V I C E P U B L I C A T I O N

Do You Know?

Hebrews were the first people known to use oak bark in *tanning* leather.

A *testing tank* for ship models up to four feet in length has been built at the University of California.

The *under-sea delta* of a submarine canyon has been found by an oceanographer in the Gulf of California.

The U. S. Army's newest *midget trucks* are small enough so that three to five can be loaded on a transport plane.

It took about a ton and a half of *mustard gas* to produce a single death in the World War, says a U. S. Army chemical warfare officer.

Four lofty *mountain* summits in Sequoia National Park have been named for famous scientists: Mts. Chamberlain, Hale, Newcomb, and Pickering.

About 1,750 *prehistoric skeletons* have been unearthed in Kentucky by the University of Kentucky state-wide WPA archaeological project established in 1937.

National Park Service rangers have been helping to teach American soldiers cross-country *ski-patrolling* by compass, map reading, and how to care for themselves in severe snow conditions.

To return from *Palestine* last summer an American archaeologist had to go by car to Bagdad, train to the Persian Gulf, boat to Bombay and freighter via Capetown and Trinidad to New York.

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.

ANTHROPOLOGY

How was a blood group test given to a 4,000-year-old mummy? p. 105.

Do all the members of the National Academy of Sciences have high brows? p. 108.

ASTRONOMY-PHYSICS

Where is power obtained from the atom? p. 106.

EUGENICS

Why do college students not have as many children as they would like? p. 105.

EVOLUTION

What was *Plesianthropus transvaalensis*? p. 107.

GENERAL SCIENCE

Where has statistics been "almost completely suppressed"? p. 105.

GENETICS

What peculiar ear marking is hereditary? p. 99.

INVENTION

What was the beginning of the use of mass production methods and standardized parts in a defense program? p. 104.

LANGUAGE-ANTHROPOLOGY

Who has gathered together surviving linguistic fragments of four extinct Indian tribes? p. 104.

MEDICINE

What is a convenient form for shipping blood plasma for military use? p. 99.

What is being done to prevent an outbreak of influenza among the armed forces? p. 103.

MICROLOGY

What role has a nursing bottle in laboratory apparatus? p. 100.

PHYSICS

How can tents be held up without inside supports? p. 110.

PHYSICS-ASTRONOMY

What two mechanisms are chief agents in supplying energy to run the universe? p. 109.

PHYSIOLOGY

To what extent do repeated electric shocks give immunity? p. 105.

PSYCHOLOGY

How was the morale of soldiers promoted in the World War? p. 101.

What is seen as the obligation of colleges in the long-time defense of America? p. 101.

Why do children who present "feeding problems" demand sweets? p. 102.

PUBLIC HEALTH

What war area is a stronghold of yellow fever, if not its original home? p. 100.

WILDLIFE

Where have a million and half ducks been counted? p. 104.

Why is protection needed for alligators? p. 104.

High ceilings do not make rooms materially cooler, engineering tests have shown.

Statisticians estimate that each of the *Dionne quintuplets* now has an even chance of living 63 years more.

Special *aircraft paints* include a dull black hard to find with searchlights, a bright aluminum paint for sunny days, and a paint for hiding planes on hazy days.

By the first of July, the U. S. Army will be using about \$750,000 worth of *food* a day.

Using *leather scrap*, Hungarians are said to have produced a new kind of paper and cardboard.

One stove company sees that its inspectors get sufficient *vitamin A*, important for eye health, and reports that this helps inspectors detect off-color enamel before a stove leaves the factory.

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