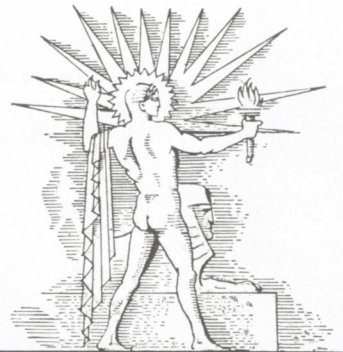


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



April 4, 1942

From Northern Mountains

See Page 216

A SCIENCE SERVICE PUBLICATION

Do You Know?

The *Pekinese* was the royal dog of the Chinese emperors and mandarins.

Fourteen to thirty elements are needed for the optimum growth of *plants*.

Correct wheel balance and alignment will enable *tires* to wear 50% to 100% longer.

Seals take short "naps" by sinking to the bottom in shallow water and resting motionless.

Sperm oil, invaluable as a "breaking-in" oil for airplane motors, was formerly used to tan leathers.

One front wheel out of line only one-half inch will drag the *tires* sidewise 87 feet out of every mile.

A motorized division of ground forces alone will use as much as 75,000 gallons of *gasoline* in 24 hours.

Edison was the first person to say "Hello" on the *telephone*—before that, people used to say "Are you ready to talk?"

There are 700,000 named species of *insects*, and between 2,500,000 and 100,000,000 species altogether, according to estimates.

Instruction of New York's air raid wardens by *television*—something entirely new in education—is so successful it is to be continued indefinitely.

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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

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RADIO

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ZOOLOGY

What sea creature is named for President Roosevelt? p. 216.

Woodpeckers seldom injure trees, but destroy injurious tree insects.

Tanks can be fought with smoke, the Army Chemical Warfare Service has reported.

A motor fuel called *Jeanite* has been produced from blackstrap molasses by Dr. J. W. Jean of Louisiana State University.

Annual *steel-producing* capacity of the United States was increased 4,418,000 net tons last year, bringing the record total of 88,570,000 tons.

The *night-hawk* is often called the bull-bat; it is neither a hawk nor a bat.

Using *wooden front tires*, a New Jersey inventor attained a speed of 75 miles per hour on a concrete highway.

A 12-place troop-carrying *glider* will be built by a Baltimore aviation firm on an experimental basis for the U. S. Army.

Trailer-mounted *shower bath* units, which pump and heat water for eight shower-bath heads, have been developed for the Army.

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The Science Observer, established by the American Institute of the City of New York, is now included in the SCIENCE NEWS LETTER.

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

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