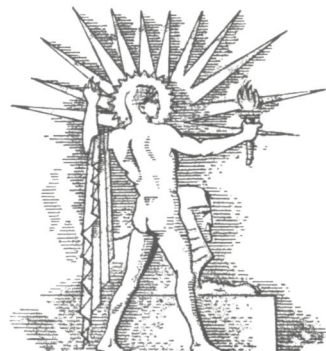


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



April 11, 1942

Ground Flight

See Page 228

A SCIENCE SERVICE PUBLICATION



## Do You Know?

A corps of 700 camels was organized by Napoleon in Egypt.

India, next to China, is the largest rice producer in the world.

Sugar, unknown to the Greeks and Romans, was introduced into Europe as a medicine.

In addition to its many confectionary uses, honey is an ingredient in various hand and face creams.

Renewed interest is shown by U. S. armed forces in use of larger rigid *airships* as aircraft carriers.

The *shoe-bill*, a big stork-like bird from Africa, is said to use its huge bill to dig lung-fish out of the mud.

There are no true bones in the skeleton of a *shark*—the skeleton is entirely of cartilaginous or gristly material.

Early Norse vessels were steered by one oar on the right side; this became known as the steering board, and later *starboard*.

Special railroad excursions were necessary to carry the crowds who wanted to hear the first *phonograph* at Edison's Menlo Park.

U. S. National Park Service used an *autogiro* for aerial photography of geological formations, flora, fauna and historic sites.

## 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

### ANATOMY

When did the pattern of your physical growth become fixed? p. 231.

### BOTANY

What herbs are good for tea? p. 239.

### CHEMISTRY

What is it in pineapple juice that tenderizes meat? p. 233.

### CHEMISTRY—RESOURCES

Why need the United States have no fear of an explosives shortage? p. 233.

### ENGINEERING

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### ENTOMOLOGY

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### GEOPHYSICS

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### MEDICINE

From what test can physicians tell whether you need thiamin, riboflavin or nicotinic acid? p. 227.

How have B vitamins been linked with cancer? p. 227.

How many physicians are needed by the Army Air Forces? p. 236.

What is globulin? p. 229.

What may germs have to do with turning your hair gray? p. 236.

What new discovery may save the lives of mothers in childbirth? p. 230.

What researches bolster the hope that diets may some day prevent cancer? p. 227.

### METEOROLOGY

How far does the moisture in rain or snow travel before it falls? p. 232.

### NUTRITION

How will sharks contribute to the health of Australian babies? p. 232.

What can you use in place of sugar? p. 234.

What food will prevent fatigue from brain work? p. 232.

Why are fats in the diet essential? p. 232.

### PHYSIOLOGY

What is baldness a sign of? p. 232.

What sort of goggles will help Navy pilots on night duty? p. 233.

### PSYCHOLOGY

What new Government publication will aid in enlisting women in war industries? p. 229.

Why is an individual's success on his job important for winning the war? p. 230.

### PSYCHOLOGY—NUTRITION

How can color blindness be remedied? p. 230.

*Cotton* can be spun so fine that a pound will make 250 miles of yarn.

A flock of *canvasback* ducks was clocked by an airplane at 72 miles per hour.

Boxers of the *Kyangawa* tribe of Africa wear knives, with the result that the nose of one of the contestants is often lopped off.

Vitamin-rich oil, which is also suitable for varnish making, is contained in the *tomato seed*, according to reports from Brazil.

*Oyster* culture was practiced before the days of Christ.

Until the 13th century most *sailing* was done with the wind blowing in the direction the vessel was supposed to go.

The *Mother Vineyard*, said to have been growing on Roanoke Island, N. C., at the time of the first English settlement in 1584, is still producing.

During the mating season, Rocky Mountain Big Horn *rams* fight by crashing into each other headlong at speeds of 20 miles per hour or more.

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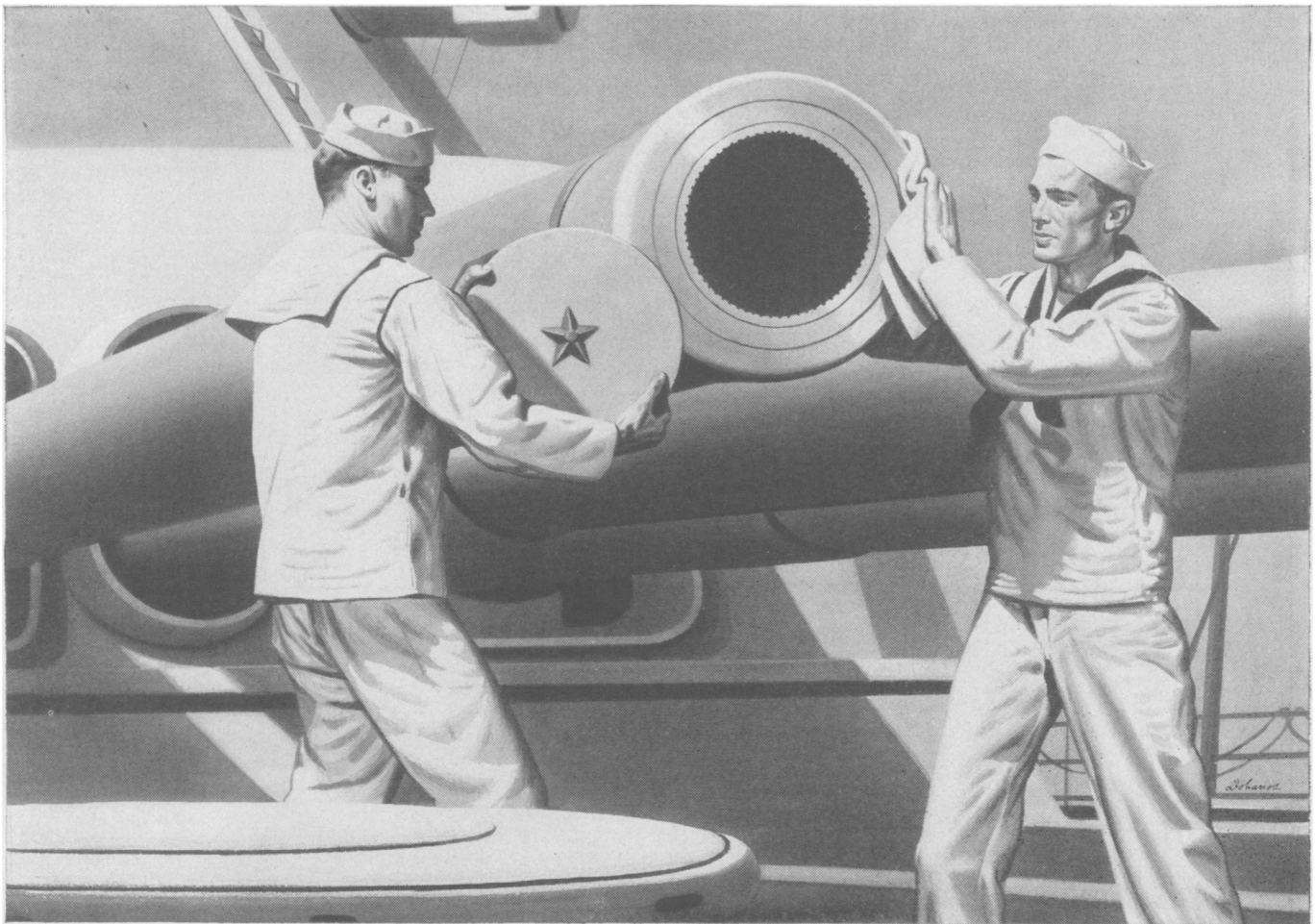
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**"TO PROVIDE FOR THE COMMON DEFENSE, TO PROMOTE THE GENERAL WELFARE"**



## Throats to speak our nation's piece

**T**HERE'S A BLOOD-TINGLING ANSWER TO the challenge of Pearl Harbor.

There's a voice that will speak for the men who stood to their guns at Midway and Wake—the don't-tread-on-me roar of an aroused America: the voice of the Navy's big guns.

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The work goes on—and *will* go on until America's war has been won!

**Westinghouse** 

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