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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE • SEPTEMBER 25, 1943



The "Bazooka"

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A SCIENCE SERVICE PUBLICATION

Do You Know?

Lime in cement floors may cause fiber *rugs* to fade and turn yellow.

A larger allotment of *copper wire* for farmstead wiring is now available if to be used for essential food production.

Australia is planning to grow twice as much *vegetable foods* in its summer season now approaching as it did a year ago, particularly to help feed Allied forces in the South Pacific.

Over 4,600,000 acres of national *wild-life refuge* land in 18 states are being used by military authorities for bombing ranges, gunnery ranges, air bases, tank maneuvering areas and other purposes.

Agar-agar, formerly obtained from Japanese and Chinese *seaweed* and used in the artificial cultivation of bacteria, is now a scarce material; the U. S. Bureau of Fisheries is searching for American agar-producing seaweeds.

The Army is using more and more *boneless beef*, frozen in containers, instead of carcass beef as a field meat ration; the Army boneless meat is prepared in three classifications: steaks and roasts, boiling pieces and ground meat.

Lactic acid which makes sour milk sour is a valued material in several industrial, medical and food uses; it is used in tanning, in carbonated beverages and feeding formulas for babies, and as calcium lactate to supply lime to the body.

Question Box

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AERONAUTICS

How long do illnesses due to high altitude last? p. 207.

ANTHROPOLOGY

How are American anthropologists helping the Allies win the War? p. 196.

ASTRONOMY

What planet is visible to early risers? p. 202.

Where in the evening sky will the new comet, Diamaca, probably be visible? p. 196.

BIOCHEMISTRY

How are molds aiding chemists in determining amino acid concentration in protein? p. 199.

BOTANY

How long has plant tissue been kept alive, separated from parent plant? p. 206.

CHEMISTRY

How has the manufacture of 100-octane aviation gasoline been perfected? p. 200.

ENGINEERING

In what way is it possible to improve the service of offices using the teletype? p. 200.

GENERAL SCIENCE

How do cells in a single wool fiber differ in structure? p. 201.

LANGUAGE

What letters are missing in the Russian language? p. 201.

MEDICINE

How did Indian dislike of bandages contribute to the development of an effective treatment against impetigo? p. 197.

What is the new method for relieving asthma and hives caused by flea bites? p. 196.

What is the status of the health of American troops overseas according to recent reports from the war theaters? p. 195.

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.

What degreasers are believed to be responsible for mysterious deaths and faintings in industry? p. 198.

What useful family of drugs is saving newborn babies from death due to epidemic diarrhea? p. 197.

MILITARY SCIENCE

Against what is the Army's "Bazooka" gun effective? p. 195.

How are Japs in the Southwest Pacific supplying their troops? p. 201.

Over how many miles do our lines of communication extend? p. 206.

NUTRITION-INVENTION

What process makes a tasty nut-like confection out of soy beans? p. 200.

PHARMACY

How is research work attempting to improve sulfa ointments? p. 200.

PHYSIOLOGY

What do scientists advise a person to do when he is thirsty? p. 198.

POPULATION

How many American babies have been born in the last ten years? p. 201.

PSYCHIATRY

How many Americans suffer from illnesses on the "borderlands of psychiatry"? p. 204.

PSYCHOLOGY

Why should gruesome battle pictures be released to the public? p. 203.

PUBLIC HEALTH

What do the latest reports on the infantile paralysis epidemic reveal? p. 200.

SPORTS

What new invention will be welcome by golfers forced to play without caddies? p. 199.

STATISTICS

What is the average life of a wage earner? p. 201.

Frozen food locker plants with compartments for private families are available in 4,600 communities in 46 states and handle about a half billion pounds of meat, fruits and vegetables a year.

Skeet and trap *shooting* occupy important places in the gunnery training of Army air fighters; it gives them initial contact with the art of swinging and following through on a target.

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