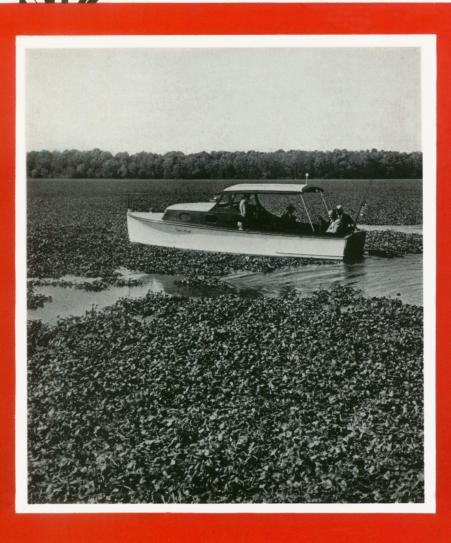
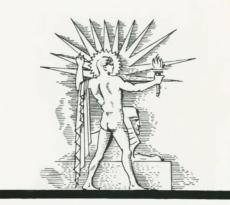


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





September 20, 1941



River Pest

See Page 182

A SCIENCE SERVICE PUBLICATION

Do You Know?

America's mountain sheep, instead of being woolly, have a hairy coat.

Whale milk, wildlife experts say, is not essentially different from cow's milk.

A rattlesnake often loses part of its "birth certificate"—the number of rattles that can be counted to show its age.

Odd cases of allergy include individuals who can eat rooster meat but have allergic reactions after eating meat of

The original "carats" are said to have been seeds of a locust tree so uniform in size that ancient dealers used them to weigh gems.

One wildlife observer says that a deer has such power of smell that he can get a man's odor at a full mile if the day is damp and wind favorable.

A piece of dirty pottery from a secondhand store in Los Angeles was recently identified as a Roman amphora, or storage jar, of the first century A.D.

On exhibit by the New York Aquarium Society are two tame toads that eat cooked vegetables, scraped liver or beef, farina, chocolate, "almost anything."

To speed up paint jobs in one American airplane factory, endless conveyor chains carry cylinders and crankcase sections past the painters, who remain at the same station.

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.

Do "shooting stars" explode? p. 190.

How long is the du Toit-Neujmin comet's

tail? p. 184.
Of what are the distant universes made up? p. 190.

Where did scientists find a natural growth hormone more powerful than any synthetic chemical? p. 181.

Why should you slash plant stems to make them grow roots? p. 185. Where can you find a tobacco plant ex-tinct elsewhere for millions of years? p. 185.

For what pest is President Roosevelt interested in finding a good use? p. 182.

What new process makes it possible to manufacture chlorine in unlimited quantities? p. 183.

What new spray will paralyze the jaws of the Japanese beetle? p. 180.

CONSERVATION

How much land is enough for a refuge for Eastern deer? p. 191.

What device tells you when your gasoline mixture is too rich? p. 185.

GENERAL SCIENCE

How does a scientist explain man's urge for religion? p. 186.

INVENTION

How can noises in the water pipes be muffled? p. 185.

MATHEMATICS

How is the shortage of trained mathematicians likely to affect the defense program?

MEDICINE

What common substance has made the est for influenza virus 1,000 times more delicate? p. 184.

MEDICINE—CHEMISTRY

How can gray hair be prevented? p. 179. What food would help soldiers to stand a gas attack? p. 180.

What ills are caused by a substance found in blisters from scaldings? p. 179.

What is the true fountain of youth? p. 179.

PHYSICS

With what heavenly happening are auroras linked? p. 187.

PSYCHOLOGY

How can fear act to build up new ways of behavior long after the cause for fright is gone? p. 183.

How do four schools of psychological thought differ logically? p.~180.

How old are America's scientists? p. 183. What effect on memory is produced by the electric shock treatment for mental disease? p. 182.

PUBLIC HEALTH

What insect is suspected of spreading the horse sleeping sickness? p. 182.

RESOURCES

What precious cargo is being sent from India to U. S. markets? p. 184.

Passages of Carlsbad Caverns, New Mexico, thus far explored lead to a level 1,320 feet deep.

Every member of the White House Police is trained and certified in standard and advanced Red Cross first aid.

The Department of Agriculture finds that rats would rather starve than eat food dosed with meal made from rattlebush beans.

The original cornerstone of Philadelphia's Franklin Institute, laid in 1825, has never been found.

According to a study made at a Midwestern state college, 89% of the girls with good feet had good posture.

Star gems, says a Field Museum mineralogist, usually show four- or sixrayed stars as a result of an optical phenomenon known as asterism.

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Electricity Showed Industry

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Dirt has cost American business and industry millions of dollars annually.

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