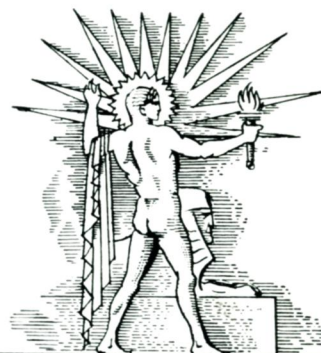


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



JANUARY 5, 1935

New President, A. A. A. S.

See Page 9

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## DO YOU KNOW?

Gray squirrels are said to prefer weevily acorns to sound ones.

A French zoologist observed penguins and cormorants in the Antarctic by banding them, 25 years ago.

Mosquitoes are given an anesthetic and then electrocuted, in order to mount them to the best advantage for malaria research.

The Soviet Union expects to have more than 100,000 medical students in training by the end of the Second Five-Year Plan.

A New York physician estimates that there are 15,700 cases of acute appendicitis in that city alone, every year, with an average of 1,100 deaths.

From Greek epitaphs and other writings, an archaeologist concludes that in ancient Greece an average individual could expect to live only 29 years, as contrasted with average life expectancy of 57 years in the United States today.

Chicks are hatched artificially in Egypt by a method 4,000 years old.

A new chemical product which can be added to lubricating oil is said to improve it for both hot and cold weather conditions.

Efforts to photograph the Loch Ness "monster" have been made and the pictures were recently shown to British scientists, who expressed opinions that it might be a seal or otter, but reserved a final verdict.

An ethnologist reports that Bella Coola Indians in western Canada consider myths family property, and a woman with a good inheritance of myths can get a husband more readily than a rich or beautiful girl.

The Department of Agriculture says that satisfactory and pleasing dyes for home dyeing may be made from many common plants, such as apple bark, juniper berries, onion skins, and coreopsis flowers.

## WITH THE SCIENCES THIS WEEK

## ANTHROPOLOGY

How long ago were men separated into races? p. 8.

What was the "Browns Valley Man" like? p. 10.

## ARCHAEOLOGY

What links the Indians of Peru with those of Central America? p. 10.

What material was used by sculptors of the Stone Age? p. 7.

## BACTERIOLOGY

What new method to preserve fruit juices is being studied? p. 14.

## CHEMISTRY

What is the production of the government helium plant at Amarillo? p. 9.

## CHEMISTRY-EDUCATION

Should chemistry always be taught in a strictly professional way? p. 13.

## EVOLUTION

Do fish have hips? p. 9.

## GENERAL SCIENCE

Who is the new president of the A.A.A.S.? p. 9.

## MEDICINE

Are sudden heart attacks always fatal? p. 8.

Can children be protected against infantile paralysis? p. 7.

How are germs tested for longevity? p. 6.

How many kinds of streptococci are dangerous in childbirth? p. 6.

What chemical presents a new hope for cancer control? p. 5.

What germ has been associated with rheumatic infection? p. 8.

## PHYSICS

What can you believe about cosmic rays? p. 11.

What doubtful concept once seemed necessary to relativity? p. 3.

What gain in weight is given a ship by its speed? p. 4.

What use do physicists make of radio broadcast programs? p. 9.

Why is it impractical to get energy from the atom? p. 4.

## PHYSIOLOGY

How do the body hormones affect race survival? p. 12.

How is the motor nerve "tuned" to pick up messages from the brain? p. 5.

What does cigarette smoking do to your fingertips? p. 13.

## POLITICAL ECOLOGY

What is a cause for friction between the Japanese and Mongols in Mongolia? p. 14.

## PSYCHOLOGY

Are reflexes learned? p. 8.

On what subject are students not liberal? p. 9.

## SEISMOLOGY

Where do earthquake waves focus? p. 8.