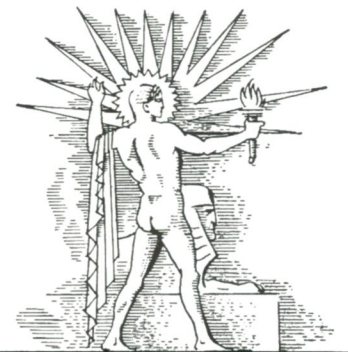
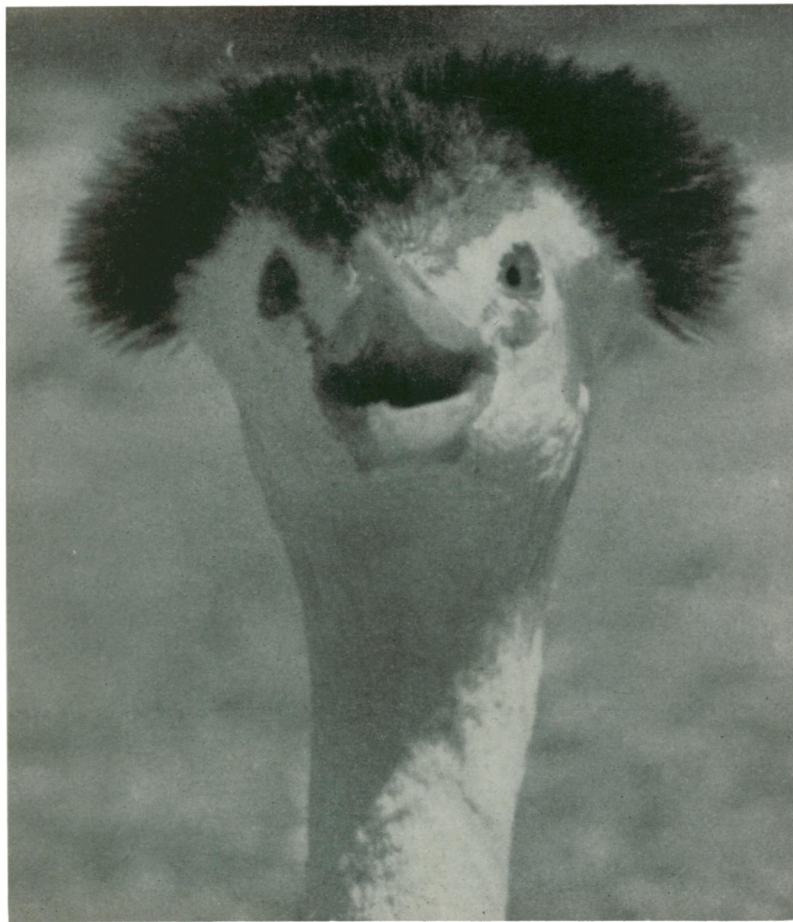


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



February 22, 1941

Well!

See Page 121

A S C I E N C E S E R V I C E P U B L I C A T I O N

Do You Know?

About 55% of the world's people are in Asia.

A troop of *howler monkeys* can be heard calling over distances of more than a mile.

A simple device for quickly measuring *moisture* in a forage or grain crop has been devised by an Ohio State University scientist.

Modern mining methods make it profitable to employ *deep mining* for such everyday products as limestone and common salt.

One Canada *goose* at an Oregon wildlife refuge has the habit of following automobiles several miles, keeping up to 54 miles an hour.

To aid Brazil in producing *rubber* free from leaf-blight disease, the United States has sent 204,000 selected seeds by army bombing plane.

Rice was grown in the Far East before 1000 B.C., but its spread to wide areas apparently occurred mainly between 1000 B.C. and 1000 A.D.

A head-on collision between the earth and a *comet* is possible, though not probable, says Prof. W. H. Barton, Jr., of the Hayden Planetarium.

Ancient Egypt had two leading types of *hunting dogs*: one, prick-eared, was apt to have tightly curled tail, the other, lop-eared, had an extended tail.

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.

AERONAUTICS

How can an airplane engine be built for \$350? p. 121.

How has an amusement park device been put to serious work by a parachute company? p. 118.

What new device is designed to prevent injury to passengers when an airplane noses over? p. 116.

ANTHROPOLOGY

What scientist plans to study the bones of the Incas? p. 116.

ARCHAEOLOGY

What evidence is there that a wide gap existed between classes in the Mayan Indian world? p. 116.

ASTRONOMY

What eclipse will be visible in March? p. 122.

BACTERIOLOGY

How is the electron microscope likely to aid in finding solution for the cancer problem? p. 115.

BIOLOGY-BALLISTICS

How can viruses be put to work improving bullets? p. 120.

CHEMISTRY

What good may possibly come out of the present war? p. 123.

What sort of wrapper has reduced loss of citrus fruits in shipment? p. 120.

ENTOMOLOGY

What creature escapes death by holding its breath for a half-hour at a time? p. 120.

HEALTH

What will the well-dressed soldier wear in Alaska? p. 124.

MEDICINE

How is vitamin K administered to patients too sick to take it by mouth? p. 121.

What drug may be a preventive of rheumatic fever? p. 117.

Why does typhoid vaccination increase the difficulty of diagnosing acute appendicitis? p. 120.

METEORITICS

What valuable shipment has been received by the Smithsonian from the USSR? p. 120.

NUTRITION

What quick frozen food is a delicacy for chickens? p. 117.

PHARMACY

What forms of blood will be listed in the Pharmacopoeia? p. 121.

PHYSICS

How does the magnetism of the earth compare with what it was in long past geologic ages? p. 119.

Why is Nazi radio reception better in South America than in North America? p. 119.

PSYCHOLOGY-AERONAUTICS

How does the R.A.F. crew learn to navigate a plane? p. 125.

PUBLIC HEALTH

What articles are included in the layette sent by the Children's Bureau to Peru? p. 116.

Sphagnum moss, used in dressing field wounds by the British, was similarly used in Ireland as far back as 1014.

"Two homely parents can have beautiful *children* and two beautiful parents can have homely children," writes Dr. Alexander S. Wiener in the *Scientific Monthly*.

First use of *magnesium-thermite* bombs to start fires in war was made by Italians in Ethiopia in 1936.

Danish scientists who examined *prehistoric plants* or their impressions on clay vessels in British museums, have described the wheat, barley, oats, woad and other crops of early England.

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