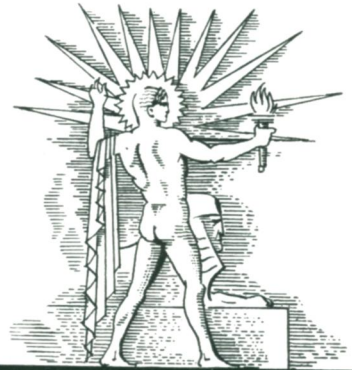
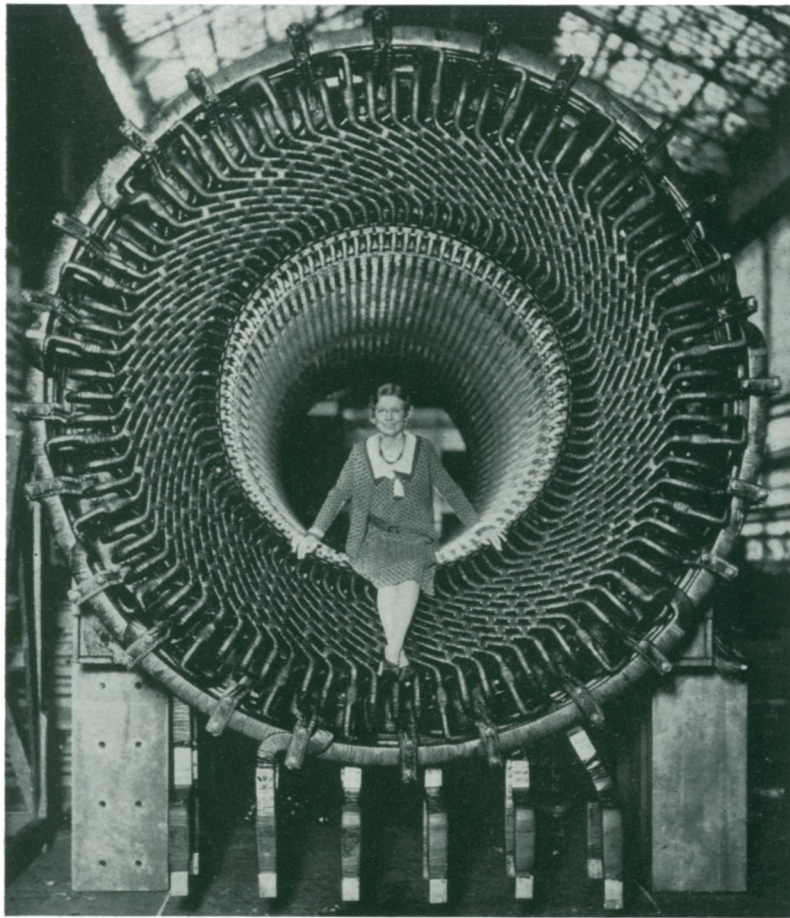


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



JUNE 4, 1932

Frame For Power and Beauty

See Page 357

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DO YOU KNOW THAT

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Seedlings of the Big Trees, the giant Sequoias, are raised in a nursery in the Sequoia National Park, in California.

Sir Hubert Wilkins, British explorer, has designed a new submarine without propellers and rudders for cruising under the Arctic ice.

The evergreen forest of Siberia is the largest single mass of conifers in the world.

A new 3-story bus, made of lightweight metal and carrying 88 passengers, has been put into service in Italy.

Artificial ice came into use industrially about 1880.

A German scientist states that loss of 40 to 50 hairs from the head in a day is the "normal" limit.

Most woodpeckers bore round holes in trees, but the pileated woodpeckers dig both round and square holes.

Pelicans have no song and the adults no call-notes, while the young call for food with a low grunt, rising at times to a shrill scream.

Archaeologists exploring in Mesopotamia have discovered a tablet 4,000 years old inscribed with 50 missing lines of the famous story of Gilgamesh.

The pygmy owl of the Rocky Mountains region is not much larger than an English sparrow.

It is estimated that the world's population today is a little more than double the population of 100 years ago.

People in the United States spend \$15,000,000 a year on fraudulent cures, the Committee on the Cost of Medical Care reports.

Eggs are better than a spring tonic, in view of the iron, vitamins, and protein they contain, is the advice of the U. S. Bureau of Home Economics.

WITH THE SCIENCES THIS WEEK

CURIOSITY-AROUSING questions are prepared concerning the most interesting and important news in each issue. These questions should be a mental stimulant for the adult reader and a boon to the teacher who uses the Science News Letter to add zest to her classroom instruction.

Book reference in italic type is not the source of information of the article, but a reference for further reading on the subject of the article. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

ANTHROPOLOGY

Do all white infants have blue eyes? p. 361
The Child's Heredity—Paul Popenoe—Williams & Wilkins, 1929, \$2.

ARCHAEOLOGY

Why is it impossible to give the original location of the stone tablet bearing the Uzziah inscription? p. 362

ASTRONOMY

What is the celestial equator? p. 357
What is the first star found to be double? p. 354. *Field Book of the Skies—W. T. Olcott and E. W. Putnam—Putnam, 1929, \$3.50.*

AVIATION

Why are engineers installing auxiliary wings on airplanes? p. 353. *The Airplane—Frederick Bedell and T. E. Thompson—Van Nostrand, 1930, \$3.75.*

BOTANY

What is the difference between a "toadstool" and a "mushroom"? p. 356
Why has Bouncing Bet been given the generic name which, being translated, means soapwort? p. 362

CHEMISTRY

What is the relation between a flour's "gassing power" and its "diastatic" activity? p. 353.

ECOLOGY

Spruce and fir forests indicate what sort of climate? p. 357. *Forests and Mankind—C. L. Pack and Tom Gill—MacMillan, 1929, \$3.*

ENGINEERING

What is the speed of the energized rotor inside the generator pictured on the cover of this week's SCIENCE NEWS LETTER? p. 357
Why has New Orleans always had to pump itself out from under rain water? p. 359

ENTOMOLOGY

What extracts were used in a unique attack on the Japanese beetle? p. 357

GEOPHYSICS

Where does radium on the ocean bottom come from? p. 352

MEDICINE

How has the diet of Mexicans been described? p. 356

PHYSICS

How may Einstein's latest achievement be said to give law unto the behavior of the infinitesimal? p. 351

PHYSIOLOGY

Do nerves produce hormones? p. 352
Two families have broken what rule in the "taste blind" test? p. 356

PSYCHIATRY

Before their mental breakdown, what were the characteristics of the nine patients studied by a Rhode Island psychiatrist? p. 360
When the right half of the brain is dominant, what physical characteristic is an individual apt to possess? p. 363

PSYCHOLOGY

How is a teacher likely to know that the parents of her pupils do not live happily together? p. 352