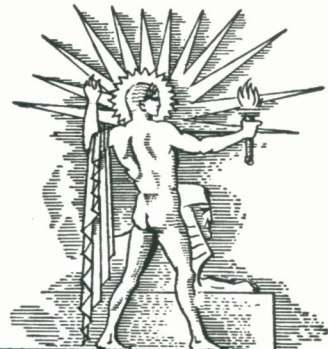
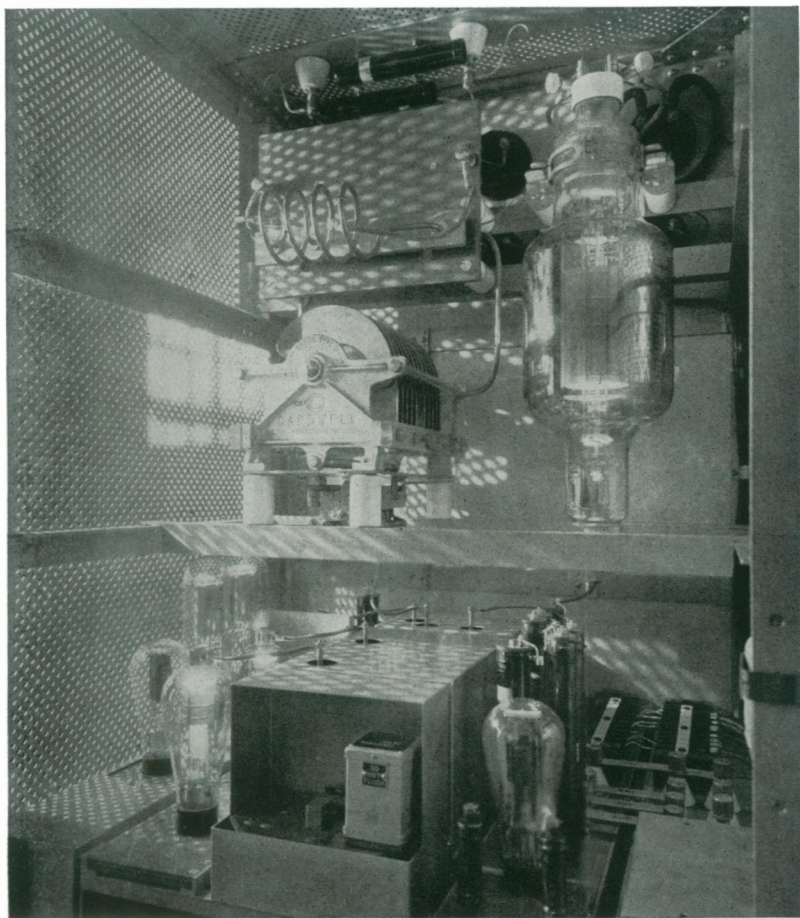


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THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



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Hello—Central America?

See Page 280

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DO YOU KNOW?

Bermuda was the first British colony.

The Nile River rises about twenty feet in its annual flooding of Egyptian land.

The first cancer hospital was opened in Rheims, France, in 1740 and had just twelve beds.

The narcissus bulb industry in Florida is reported to be recovering from its depression slump.

Indians of the Southwest used roots of wild plants containing saponin as "soap" for washing purposes.

The Soviet Union reports that a vaccine to prevent spotted typhus fever has been discovered there, giving highly satisfactory results.

For 1,000 years poultry was bred for fighting exhibitions; for fifty years it has been bred for egg production, says a poultry expert at Cornell, urging a program of more balanced poultry improvement to include size of bird, longevity of stock and vitality of chicks.

A health and disease survey at Zuni Pueblo in New Mexico shows a death rate of 42 per thousand, almost four times the country's general death rate.

A New York botanist warns that raking all the leaves out of shrubbery in the fall is responsible for much winter injury to shrubs thus left unprotected.

A California company finds that it can use a bread-wrapping machine to wrap eggs in waxed paper cartons, and that eggs thus protected from moisture and air keep better than unwrapped eggs.

The United States is the world's chief source of peppermint oil, more than 25,000 acres of mint being grown in Michigan, Indiana, and Washington alone.

A physician observes in the journal *Hygeia*, that out of 173 doctors whose obituaries were published in a medical journal in one month, 100 died of diseases of the heart and circulation, which are peculiarly diseases of worry or nervous tension.

WITH THE SCIENCES THIS WEEK

AGRICULTURE

What crops protect against erosion? p. 286. *Plant Ecology*—John E. Weaver and Frederic E. Clements—McGraw-Hill, 1929, \$5.

ASTRONOMY

What is the earth made of? p. 282. *The Two Solar Families*—Thomas C. Chamberlin—Univ. of Chicago, 1928, \$2.50.

BIOCHEMISTRY

What is the new rickets-preventing substance made from? p. 285.

CHEMISTRY

What is the structure of Vitamin B like? p. 284.

DENDROLOGY

What tree was 269 feet high? p. 285.

ENGINEERING

How can railroads save money? p. 281.

What will take the place of locks on the Oder River? p. 282.

MEDICINE

How many pounds of liver (or its equivalent) must the anemia patient eat? p. 277.

What disease may be caused by arsenic spray on vegetables? p. 280.

What factor aided Dr. Whipple in his search for anemia treatment? p. 275.

What gland may be a cause of stomach ulcers? p. 286.

What is the canine counterpart of influenza? p. 283. *Recent Advances in Vaccine and Serum Therapy*—Alexander Fleming and G. F. Petrie—Blakiston's, 1934, \$4.

OCEANOGRAPHY

Where does the Gulf Stream originate? p. 284.

ORNITHOLOGY

To what bird is the ptarmigan related? p. 276.

What industry menaces the bald eagle? p. 281.

Where does the Harris' sparrow summer? p. 281.

PHARMACY

Does medicine have to be bitter? p. 280.

PHYSIOLOGY

How fast must a flashing light flicker to appear like a steady beam? p. 280.

What animal helped in the conquest of pernicious anemia? p. 276.

PSYCHIATRY

Should fairy stories be prohibited for children at bedtime? p. 278.

TECHNOLOGY

How is rubber wrapping sealed? p. 280. *Symposium on Rubber*—American Society for Testing Materials, 1932, \$1.75.

These curiosity arousing questions show at a glance the wide field of scientific activity from which this week's news comes. Book references in italic type are not sources of information for the article, but the references for further reading. Books cited can be supplied by Book Department, Science News Letter, at publishers' prices, postpaid in the United States.