

Do You Know?

If a chimney is too big or too small in proportion to a house, protective coloring—the same as the body of the house—will improve the appearance.

Three goldfish are working in General Electric's plastics research laboratory—they clean scum from a glass jar used in measuring viscosity.

Latest types of British fighting planes often fly four miles above earth and can climb beyond five.

For 13 consecutive years, railroads of the United States have carried millions of pounds of high explosives without accident.

No less than 12 ball courts where American Indians long ago played ball games have been found within 50 miles of Flagstaff, Arizona.

A one-shilling postage stamp of St. Kitts, issued in 1903, shows Columbus on shipboard peering through a telescope—but telescopes were not used until 1609.

● RADIO ●

Walter Kidde, president of Walter Kidde and Company, will tell of the many interesting things being done with pressure gases, such as those used in balloons and breathing apparatus, as guest scientist on "Adventures in Science" with Watson Davis, director of Science Service, over the coast to coast network of the Columbia Broadcasting System, Thursday, Oct. 24, 3:45 p.m. EST, 2:45 CST, 1:45 MST, 12:45 PST.

Listen in on your local station. Listen in each Thursday.

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NEW BOOKS ON SCIENCE—FALL 1940

This issue contains Science Service's semi-annual comprehensive bibliography of current books in various scientific fields. It lists those published or promised during the latter half of this year. Books are intelligent companions for recreation or useful tools for research. Books like those in this list will make exceptional Christmas gifts. It is not too early to begin to think about your gift problems and SCIENCE NEWS LETTER will aid you with special suggestions if you wish them. SCIENCE NEWS LETTER will obtain for you any American book or magazine in print. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we shall pay postage in the United States. When publications are free, send 10c for handling. Address: Book Department, SCIENCE NEWS LETTER, 2101 Constitution Ave., Washington, D. C.

PHYSICS

Sixteenth U. S. Cyclotron For University of Illinois

See Front Cover

CONSTRUCTION of the sixteenth American cyclotron, powerful tool for the study of cores of atoms and the creation of radium-like substances artificially, is under way at the University of Illinois. Six huge iron castings weighing 60 tons have just been installed on a concrete base in the University's new Radiation Laboratory. On them has been placed two miles of copper tubing, wound into a dozen flat coils.

The University already has a small cyclotron, second in the world, built soon after Dr. E. O. Lawrence made the first at the University of California. The new one will, it is said, "be roughly equivalent in results" to any of the others now in operation or being constructed in America.

The cyclotron will be ready for use in about 18 months.

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PHYSIOLOGY

Find New Anti-Baldness, Anti-Dandruff Vitamin

AN ANTI-BALDNESS, anti-dandruff vitamin has been discovered by Dr. Earl R. Norris and Dr. James Hauschildt, of the University of Washington.

Mice, not men, are the creatures on which the discovery was made. There is no hint in the announcement of the discovery (*Science*, Oct. 4), that the vitamin will prevent or remedy dandruff and baldness in man. If man is more like the rat than the white mouse, his chances of being helped by the new vitamin are nil, because only white mice, so far as is now known, need this vitamin to grow, stay healthy and keep their hair.

The new vitamin is a member of the B family of vitamins and is present in yeast and liver. Study of its properties is now in progress.

Science News Letter, October 19, 1940

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