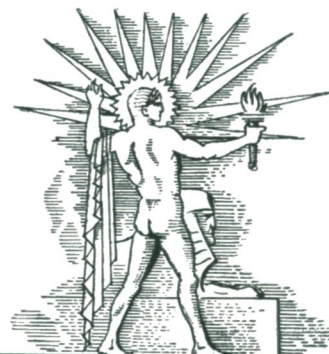


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



NOVEMBER 29, 1930

Twenty Points For Her Health and Happiness

See Pages 339 and 348

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## DO YOU KNOW THAT

By placing hives of bees in his orchard a western farmer has increased his apple crop from 1,400 bushels to 6,000.

Persia exported more than \$16,000,000 worth of carpets in the past year.

A method of raising young race horses in barns and paddocks and pastures free from parasites has been outlined by scientists of the U. S. Department of Agriculture.

Christmas trees of the future will come from special plantations, is the prediction of a county agent in New Hampshire who has been studying the woodlot situation.

Pineapples were not named because of any association with pine trees, but were really meant to be "spineapples" because of their prickles.

Balsa wood weighs about half as much as cork.

The ancient Egyptians obtained copper from Mount Sinai.

A baseball hurled by a professional pitcher has an average speed of 90 feet a second.

Snow huts, a picturesque feature of Greenland's seal-fishing communities, are being replaced by wooden houses.

The Field Museum has collected the rare fossils of some worms that lived in Chicago about 390,000,000 years ago.

The average American drinks three-fourths of a pound of tea in a year; whereas the average English person drinks twelve times as much.

Experiments are in progress to determine whether fruits may be frozen by the quick-freezing process and made available for the table the year round without loss of freshness, flavor, and color.

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Science Service presents on the radio, an address,

### COLD LIGHT

By Dr. E. Newton Harvey, professor of physiology at Princeton University and famous authority on animal luminescence,

Friday, December 5, 1930, at 3:45 p. m., Eastern Standard Time

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**T**HE pursuit of amateur radio, through individual or school stations, has proved itself an absorbing study and fascinating hobby for students and instructors alike. But it is more than that—it is the ideal method of learning the fundamentals of radio communication, a field of unbounded possibilities.

Within the last year there has been evinced an increasing demand for an easily-understood but inexpensive booklet which can be utilized to interest students of high school age in the principles of radio and which will enable them to build a complete short-wave transmitter and receiver.

Largely in response to this demand, the American Radio Relay League, the national non-commercial association of radio amateurs, has prepared a 32-page illustrated booklet, priced at 10c per copy, which completely covers the construction, installation and operation of a single simple receiver and transmitter. "How to Become A Radio Amateur" has been written particularly for students between the ages of 14 and 21 and enables its readers to qualify as radio amateurs and engage in two-way radio communication with other amateurs over hundreds of miles.

The booklet thoroughly covers all details of putting a complete "station" in operation, from suggestions for learning the code to instructions for procuring licenses and operating properly. It has been carefully prepared to answer every question and is clearly illustrated to show every detail of construction.

In spite of the fact that no extensive advertising has been given it, the booklet has enjoyed notable success among boys of the "American Boy" and "Boy's Life" class, is used and recommended by Junior Achievement, Inc., and has met with favor on the part of teachers, scoutmasters and others.

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