

Do You Know?

Southern Africa has *copper* deposits so large that they may be the world's greatest.

Dried *prunes* contain vitamin A and all known members of the vitamin B complex.

New *prefabricated* units for building low cost wooden houses are being studied experimentally at the National Bureau of Standards.

A U. S. Army general said recently: "*Roads* rank in importance with the soldier and his weapons as elements in the national defense."

As an aid in overlapping aerial *photo maps* of Antarctica's vast snow wastes, photographers drop bombs of carbon black powder on the snow.

A *cascade* being constructed for the New York World's Fair will be 120 feet high and will show six tons of water falling at any given instant.

RADIO

Watson Davis, director of Science Service, will report the meeting of the National Academy of Sciences and will give "A Look Into the Future" on "Adventures in Science" over the coast to coast network of the Columbia Broadcasting System, Thursday, April 25, 4:15 p.m., EST, 3:15 CST, 2:15 MST, 1:15 PST.

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

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NEW BOOKS ON SCIENCE—SPRING 1940

This issue contains the semi-annual list of current books in various scientific fields, published or to be published during the first half of 1940. Some of them are the first books published in America on new advances in science. Others are revisions of standard works which you need in your library.

Science Service will obtain for you any American book which is in print, paying postage in the United States. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted). When publications are free, send 10c for handling. Address: Book Department, SCIENCE NEWS LETTER, 2101 Constitution Ave., Washington, D. C.

ASTRONOMY

Watch for Moon Eclipse On Sunday, April 21

PUT down in your engagement book for Sunday evening, April 21: A look at an eclipse of the moon visible in all parts of the U.S.A. where the sky is clear. The dark core of the earth's shadow streaming out in space will not actually take a bite out of the moon's disk, but the moon will pass within the penumbra or outer shadow. A darkening of the moon's disk ought to remain noticeable from about a half hour before the peak of the eclipse until about a half hour after. Time table: Moon enters the penumbra 9:28 p.m. The southern limb of the full moon passes within three minutes of arc of the dark core of the earth's shadow 11:27 p.m., moon leaves penumbra 1:26 a.m. (Monday morning) Eastern Standard Time.

Science News Letter, April 20, 1940

One-third of Britain's population has been *re-housed* since the World War.

BOTANY

Cherry Blossoms Bring Promise of Spring

See Front Cover

DESPITE unsettled world conditions, April brings the cherry blossoms and the spring meetings of science organizations. The blooms in all stages from early bud to wide flower are shown on the front cover of this week's SCIENCE NEWS LETTER as seen by the camera of Fremont Davis, Science Service staff photographer.

This week also we have reports from the American Chemical Society. Last week brought reports from medical and psychological associations. The spring gatherings come to a peak with the meetings of the American Philosophical Society, the National Academy of Sciences, the American Physical Society, and the Geophysical Union during the coming fortnight.

Science News Letter, April 20, 1940

A new *bicycle* can be folded in the middle for more compact storage.

office at Washington, D. C., under the Act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and in the Engineering Index.

Members of the American Association for the Advancement of Science have privilege of subscribing to SCIENCE NEWS LETTER at \$3 a year.

The New York Museum of Science and Industry has elected SCIENCE NEWS LETTER as its official publication to be received by its members.

Advertising rates on application. Member Audit Bureau of Circulation.

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