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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE • AUGUST 14, 1943

Active Earth

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A SCIENCE SERVICE PUBLICATION

Do You Know?

An all-metal, self-bailing *life-raft* has been adopted by the Maritime Commission.

Muelheim, situated on both banks of the Ruhr, represents a concentration of anthracite mining, steel manufacturing and shipping interests.

For maximum efficiency of feed utilization, about one-third of the total *proteins* in the diet of hogs, chickens, and turkeys should come from animal sources, nutritionists report.

The army "duck" is partner of the "jeep"; it is an *amphibian truck* that can operate on land or water, some 30 feet in length and 8 in width with a capacity of approximately 35 men.

Extensive *magnesium* rock deposits, discovered recently north of Lima, Peru, may be mined and processed with electricity from the new hydroelectric plant under construction by Peru in the Canyon del Pato.

Two new *sandless glasses* for optical purposes have been developed: one is made from boric acid, zinc oxide, and aluminum hydroxide or beryllium oxide; the other uses cadmium oxide instead of zinc oxide.

Eight important *medicinal* and *insecticidal plants* are being introduced into Mexico to replace Far-East products; they will produce red squill for rats; rotenone and pyrethrum for insects; and belladonna, senna, peppermint (for menthol), henbane and stramonium.

Question Box

Page numbers of Questions discussed in this issue:

Most articles which appear in SCIENCE NEWS LETTER *are based on communications to Science Service, or on papers before meetings. Where published sources are used they are referred to in the article.*

Carbon disulfide, kerosene or cheap gasoline will kill *ants* in nests on lawns and in gardens.

Dogs resist cold weather because they do not sweat, but cool off by panting; horses in their thick winter coats may sweat and catch pneumonia.

Tomatoes on vines lying on the ground may be protected from rotting by a light hay mulch.

More than 300,000,000 pounds of *fish* and shellfish are landed annually at East Coast ports from Rhode Island to Virginia.

SCIENCE NEWS LETTER

Vol. 44 AUGUST 14, 1943 *No. 7*

The weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N. W., Washington 6, D. C. NOrth 2255. Edited by WATSON DAVIS.

Subscriptions—$5.00 a year; two years, $7.00; 15 cents a copy. Back numbers more than six months old, if still available 25 cents.

Cable address: Scienserve, Washington.

New York office: 310 Fifth Avenue, CHickering 4-4565.

Entered as second class matter at the postoffice 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.

The Science Observer, established by the American Institute of the City of New York, is now included in the SCIENCE NEWS LETTER.

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

Member Audit Bureau of Circulation. Advertising Representatives: Howland and Howland, Inc., 393 7th Ave., N.Y.C., PEnnsylvania 6-5566; and 360 N. Michigan Ave., Chicago, STate 4439.

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