

The *Dana* is a steam trawler of the Lord Mersey type, purchased by the Danish government from the admiralty after the war, a sister ship of the English research vessel *George Bligh* and the Scottish *Explorer*, and normally employed, like them, in investigations of sea fisheries in pursuance of the concerted program of research of the International Council for the Exploration of the Sea.

According to the provisional arrangements, the *Dana* will first visit Spain and Portugal, the Straits of Gibraltar and the western part of the Mediterranean, and will then sail *via* Madeira and the Azores to the West Indies, and thence through the Panama Canal into the Pacific, visiting Tahiti, the Fiji Islands, New Caledonia, New Zealand and East Australia. After a stay of two months in East Australian waters the expedition will proceed northwards in the early spring of 1929 to Japan and China, and thence to the Malay Archipelago, the Dutch East Indies and Siam and across the Indian Ocean from Java to Madagascar. From Madagascar the route will follow the east coast of Africa, and the expedition will return through the Red Sea and the Mediterranean probably in the spring of 1930.

The areas selected for most intensive examination are the Straits of Gibraltar, the Straits of Bab-el-Mandeb, the sea round New Caledonia and the most easterly part of the Mediterranean. The purpose of the expedition is general oceanography, physicochemical as well as biological. Special attention will be paid to ocean depths, for which purpose the ship is equipped with up-to-date echo-sounding apparatus, but every branch of oceanography is provided for, both in the technical apparatus of the ship and in the qualifications of her expert staff. Investigations of the fauna of the sea bottom will be limited, owing to the expenditure of time which they involve, to certain selected areas, notably the waters about New Caledonia.

The investigations as a whole will form a logical continuation of Dr. Schmidt's former expeditions in the Atlantic and the Mediterranean, and it is Dr. Schmidt's intention, without interfering with the general oceanographical program, to pay particular attention to the life histories of all the species of eel to be found in Indo-Pacific regions. The way has been prepared for these investigations by a preparatory voyage made by Dr. Schmidt two years ago, and by the examination in the Carlsberg Laboratory at Copenhagen of large collections of specimens procured from the Pacific and the Indian Ocean.

#### AN INTERNATIONAL FUEL CONFERENCE

PLANS for the Fuel Conference to be held in London from September 24 to October 6, 1928, under the

auspices of the World Power Conference, and in which the United States will take part, were made public on July 19 by the executive secretary of the Federal Power Commission, O. C. Merrill, who is general chairman of the American committee of the World Power Conference.

According to Mr. Merrill, each national committee will be permitted to send two official delegates to the Fuel Conference, which will deal with fuels as a source of heat and power. Among the delegates of the American Committee, as announced by Mr. Merrill, are the following:

Dr. Gustav Egloff, petroleum technologist, Universal Oil Products Company, Chicago, Ill.

H. W. Brooks, consulting engineer, 316 Metropolitan Tower, No. 1 Madison Avenue, New York City. (Representing American Society of Mechanical Engineers and the International Railway Fuel Association.)

O. P. Hood, chief, technologic branch, U. S. Bureau of Mines, Washington, D. C. (Representing American Society of Mechanical Engineers.)

Martin Frisch, manager of Field Engineering, Combustion Engineering Corporation, New York City.

G. A. Orrok, consulting engineer, 130 East 15th Street, New York City. (Representing American Society of Mechanical Engineers.)

David B. Rushmore, formerly consulting engineer, General Electric Company, New York City.

O. C. Merrill, general chairman, American committee, World Power Conference.

The Fuel Conference, which is to be held at the Imperial Institute in London, was organized as a sectional meeting of the World Power Conference by the British national committee with the approval of the international executive council of the World Power Conference. The Earl of Balfour is honorary president of the conference and Sir Alfred M. Mond is president.

The technical program is divided into five classes—solid fuel, liquid fuel, gaseous fuel, fuel utilization and general aspects, and under these heads will be discussed the composition and classification of fuels, preparation of fuels, storage, handling and transmission of fuels and the utilization of fuels.

#### GIFTS FOR MEDICAL RESEARCH AT THE UNIVERSITY OF PENNSYLVANIA

It was recently announced that the University of Pennsylvania has received from Edward B. Robinette, an alumnus and banker of Philadelphia, a proposal to establish a foundation that, according to the founder's plans, may eventually have a capital of at least \$1,000,000 and that is to receive immediately \$250,000 of that sum.

In carrying out this plan, the first \$250,000, which is to be given at once by Mr. Robinette, will be used by