

These chapters are :-

1. Germany's part in Deep-sea Research,
by Prof. W. STAHLBERG.
2. Oceanographic Instruments and Methods,
by Dr. O. von SCHUBERT.
3. Is the deep sea at rest ?
by Prof. Dr. A. DEFANT.
4. What Nourishment does the deep sea contain for Animal and Vegetable Life ?
by Dr. H. WATTENBERG.
5. What lives in the deep sea ?
by Dr. F. GESSNER.
6. Of what does the Bottom of the deep-sea consist ?
by Prof. Dr. C. W. CORRENS.
7. The Gulf Stream problem,
by Prof. Dr. G. WÜST.

As indicated in the title, this work is not intended for the technician, being but a superficial account of the various subjects dealt with, but the amount of information on the physical, chemical, biological and geological researches being carried out in the oceans, thus condensed, is surprising.

This book might well be translated into other languages so that the seamen of all nations may learn of and perhaps be induced to take greater interest in the work which is being done in the waters over which they sail.

G. S. S.

FIZICHESKAYA OKEANOGRAFIYA, UCHEBNIK DLYA UNIVERSITETOV

(PHYSICAL OCEANOGRAPHY, A MANUAL FOR UNIVERSITIES.)

by

J. SCHOKALSKY.

(1 Vol. 8vo, 360 pages, 162 figs., Leningrad, 1933 (in Russian); Price, 6 Rb.)

This book, says the author in his brief preface, is neither a re-issue of the *Okeanografiya* of 1917, nor a rearrangement thereof, but rather, as the sub-title indicates, a scientific "Manual" intended for universities and other higher educational institutions, brought up to date with regard to the latest oceanographic work, and, in this respect, most valuable.

The following are the various chapters concerning static oceanography :-

- (1) the distribution of land and sea ; (2) the level of the oceans and the seas ;
- (3) the submarine relief ; (4) the depths ; (5) the composition and salinity of sea water ;
- (6) the temperatures, transparency and colour of sea water.

The following dynamic oceanography is dealt with :-

- (1) the waves ; (2) the tides ; (3) the currents.