

due to some peculiarity of coastal configuration and accelerated no doubt during stormy weather. This submarine erosion, or "marosion" as Prof. DAVIS termed it, might create a valley in the course of time and meanwhile of course no sedimentation would occur in it but only on either side. Monterey mock valley, seventy miles south of the Golden Gate, is cited as a typical example.

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## BIBLIOGRAPHIA OCEANOGRAPHICA

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(Edidit Johannes Magrini - Sumptibus Collegii Thalassographici Italici.

Ex typis C. Ferraris, Venetiis).

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The *Bibliographia Oceanographica* for 1931 has now appeared; this completes its fourth volume.

Since its first appearance in 1928 as an *Essai de Bibliographie* it has been perfected and made more complete annually with regard to both quality and quantity of the material, as well as in the uniformity of its wording and typographic form.

Thus, the Bibliography satisfies all the aims at internationalization for which it is intended; besides, taking into consideration the subjects dealt with, it is the only Bibliography of its kind in the world.

The title of each work is given in the original language and is followed by an explanatory translation in Latin; the abstracts are written in one of the principal languages, viz. in English, French, German, Italian or Spanish.

The material included in this Bibliography is arranged in such a way as to enable the reader immediately to find the argument that is of interest to him. Research is further facilitated by means of indexes according to Authors and Subjects.

The first two volumes (1928 and 1929) included the mention of some works concerning fresh water as well as naval construction and plant, which, however, are not dealt with in the later volumes.

Thus, at present, the subjects dealt with in the Bibliography are the following:

Navigation: Marine works: Literature.

Physical Oceanography. General: Geology of the sea: Geography of the sea: Chemistry and Physics of sea water: Dynamics of the sea: Geophysics.

Biological Oceanography. General, Methods: Physics and Chemistry of organic cells: Cytology and Histology: Anatomy and Physiology: Reproduction: Development and Growth: Pathology and Teratology: Ecology: Biogeography: Descriptive Biology: Paleobiology.

Fishery. Economy and Legislation: Biology, Hydrology, Research applied to fishery Ports and Fishing Grounds: Vessels and materials concerned: Statistics: Industry and Commerce: Edible and commercial species.

Each chapter is divided into a suitable number of paragraphs.

The Bibliography composed of one annual volume is distributed, in the form of pamphlets, immediately on their publication to all the Institutes, Laboratories, Societies, Museums, and Editors occupied in the study of the above mentioned subjects or which publish works of this kind which are sent to the Bibliography on the basis of exchange.

Volumes V and VI (1932 and 1933) are in the press.

A very great number of publications is consulted in drawing up this Bibliography.

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