

## WACHSMUTH AND SPRINGER'S MONOGRAPH ON CRINOIDS.

In his delightful review\* of Wachsmuth and Springer's monograph on Crinoids Prof. F. A. Bather proposes that for all crinoids, pinnulate or non-pinnulate, in connection with the successive series of brachials, the following terms be used, urging that all writers on crinoids should agree in this matter. They are as follows: Primibrachs (I Br.); Secundibrachs (II Br.); Tertibrachs (III Br.); Quartibrachs (IV Br.). It is to be hoped that the above terms will be employed by future writers of descriptions of crinoids. The concession made by Prof. Bather in this matter not only deserves commendation but tends to establish uniformity in terminology. Prof. Bather further discusses the morphological part of the Monograph, the quinquepartite character of stems of the larger number of Lower Palæozoic crinoidea, the cirri of Palæozoic crinoids, radials and compound radials, basals and infra basals, the course of the axial nerve cords in certain crinoids and the "Law of Wachsmuth and Springer" as interpreted and proposed by Prof. Bather. the fusion of basals as well as notes on the corms, ovals and tubes.

The last notice of Prof. Bather deals with the System Camerata to which is appended an obituary notice of Prof. Wachsmuth with the Bibliography of that writer.

## GEOLOGICA BIBLIOGRAPHIA.

The Geological Survey of Belgium has recently issued a series of very important volumes entitled *Bibliographia Geologica*. These volumes are prepared according to the approved decimal classification of Melvil Dewey and form part 549-559 of the *Bibliographia Universalis* of Dr. G. Simoens. Michel Mourlon of Brussels, director of the Geological Survey of Belgium, has charge of the *Bibliographia Geologica* and it is a work of paramount importance to working geologists. The volumes contain about 400 pages each and give some 6,000 titles of publications in geology, palæontology, mineralogy and pre-historic archaeology. These may be obtained, Mons. Mourlon writes, from Hayez, 112, Louvain street, Brussels, Belgium.

\*F. A. Bather, in Geol. Mag. New Series, Dec. IV, Vol. V, London, Eng., 1898.