sage of the modern educational world and that he would be recreant to his sense of truth if he held his peace. GRAHAM LUSK

LETTER FROM PROFESSOR ED. CLAPARÈDE

J'APPRENDS de divers côtés que "Science" a reproduit une nouvelle d'après laquelle j'aurais dû démissionner de mes fonctions à l'Université de Genève. Cette nouvelle est entièrement inexacte. La presse allemande, qui l'a d'abord propagée, m'a confondu avec un de mes cousins, professeur de droit germanique à Genève; celui-ci a en effet été suspendu provisoirement de son enseignement pour avoir, dans son cours, reproché à la population civile belge d'avoir tiré sur ses agresseurs allemands.

Au moment ou ces incidents se sont produits, j'étais mobilisé, à la frontière, comme médecin d'un bataillon de montagne. J'y suis donc entièrement étranger. Mais, puisque mon nom a été prononcé, permettez-moi d'ajouter, pour éviter tout malentendu, que je ne partage aucunement la manière de voir de mon cousin, dont la mère est allemande, et qui a été lui-même élevé en Allemagne, ce qui explique suffisamment son manque d'objectivité en cette affaire. ED. CLAPARÈDE

FACULTÉ DES SCIENCES DE GENÈVE

SCIENTIFIC BOOKS

Text-book of Embryology. Vol. I. Invertebrata. By E. W. MACBRIDE, M.A., D.Sc., LL.D., F.R.S. London, Macmillan & Co. 1914. Pp. 692.

"The design of this text-book of embryology of which this is the first volume, is to associate the structural development of embryos with broad generalizations of what is known of their physiology. Attention will be drawn, for instance, to the correlation between the function of certain organs of a larva and its habit of life, and, in a more general way, between function and habit and the course of development. Reference will be made to some of the more striking results obtained by experimental embryological research. Attention will be drawn to gaps in our knowledge which indicate promising fields for research."

These words by the editor, Professor Walter Heape, introduce a work which promises to be as useful to the embryologist as is the Cambridge Natural History to the zoologist. Two other volumes are to be included in the work, one on the "Lower Vertebrata" by Professor John Graham Kerr and one on the mammals by Mr. Richard Assheton, both announced to be in press.

The volume before us measures 692 pages and is illustrated by 468 well-executed figures. The treatment is necessarily very succinct, as will be apparent when we consider that Balfour's treatment of invertebrata in his "Comparative Embryology" of 1885 was almost equally extended, and that Korschelt and Heider devoted 1,509 pages to the same groups in 1890–93. Professor MacBride's treatment, of course, includes later investigations also. In each phylum at least one type is selected for detailed description of the entire life history, and in the larger phyla each class may be so represented. Comparative data are then discussed; the experimental embryology is then treated, in some groups at least; and in conclusion the phylogeny of the phylum is considered from the point of view of the developmental history. This method admits both of considerable detail in the treatment of the type forms, and also of succinctness in the consideration of the comparative data. It avoids the vicious habit of constructing life histories from pieces of different ontogenies, and at the same time preserves some advantages of the comparative method.

The descriptive part of Professor MacBride's book is well done, and will be most useful. Special note should be made of the adequate descriptive treatment of cell-lineage hitherto lacking in text-book form. A selected list of literature follows each chapter, and the index appears to be very full. The practical embryologist will find methods of study in many places.

In such a book very much depends on the point of view of the author. The material is so great that rigid selection has to be practised: what is to be rejected, what retained and what principles are to be emphasized? There is no doubt about the point of view of Pro-