

**GUIDE TO GEOGRAPHICAL BOOKS AND
APPLIANCES, THE SECOND EDITION OF
"HINTS TO TEACHERS AND STUDENTS ON
THE CHOICE OF GEOGRAPHICAL BOOKS
FOR REFERENCE AND READING"**

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Guide to geographical books and appliances, the second edition of "Hints to teachers and students on the choice of geographical books for reference and reading" by H. R. Mill

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"HINTS TO TEACHERS AND STUDENTS ON THE
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REFERENCE AND READING"

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PREFACE TO THE NEW EDITION

DR. H. R. MILL having presented all his rights in his book *Hints to Teachers* to the Geographical Association on condition that a new edition was produced, the Committee of the Association asked Mr. Unstead and Miss MacMunn to prepare it, and the Hon. Secretary to act as general editor. Mr. Unstead is responsible for the introductions and lists of books on the teaching of geography, atlases and maps (the letterpress of which incorporates some of Dr. Mill's text revised by Mr. Herbertson), geographical apparatus and pictures, geographical novels, general reference works, text-books for school use, and also for the lists of school books printed at the end of other sections. Miss MacMunn has revised and brought up to date the chapters dealing with the different parts of the world, and has added lists of important articles in various periodicals. The general editor has revised the lists of reference books in physical, biological, and human geography, and prepared the introductions to these chapters, using much of Dr. Mill's text.

As regards school text-books, the last paragraph of Dr. Mill's preface does not apply in so far as Mr. Unstead obtained catalogues from various publishers of school books and wall maps. It need hardly be said that otherwise the publishers have not been consulted. Mr. Unstead's lists of school books and maps were submitted to three members of the Committee, Mr. J. L. Holland, Secretary to the Education Committee of the Northamptonshire County Council, Mr. E. F. Elton, Wellington College, and Mr. T. Alford Smith, St. Dunstan's College, Catford, and their decision as to inclusions has been accepted. The Committee of the Association decided not to refer to school books published without the name of the author. They give notice that, in future editions, books and atlases without author's or editor's names, without dates, and atlases without proper indication of scale and projection on the maps will be excluded.

It must be clearly understood that each editor alone is responsible for his own section of the work, and that the Association is not bound by any opinions expressed in this book. The proofs have been read by the three editors, and also by Mr. H. O. Beckitt, Assistant to the Professor of Geography in Oxford, to whom thanks are due. Dr. Mill has also examined the proofs and expressed his satisfaction with the way in which the original work has been completed and extended.

The thanks of the compilers and of all students of geography are due to Dr. Mill for the original work, which has been of so great assistance in promoting sound views and in guiding many beginners in the study of geography. Those who have prepared the present edition will be grateful if their revision proves as useful to others as the original has been to them.

For the information of foreign critics it may be noted that the book is not a bibliography of Geography, but is prepared as a guide primarily for teachers who can read only English, and that consequently very few foreign works are included.

September 1910.

EXTRACT FROM THE PREFACE TO FIRST EDITION

THE object of this little volume is to place before teachers and students a selection of the best available books on Geography as an educational subject, and on different parts of the world. An effort has been made to include all cheap editions of recognised authorities; but it is too much to hope that this has been completely successful. So many inquiries are made by teachers and others for the names of works published at 5s. or less, suitable for school prizes, for placing in libraries, or for use as reading books, that a bibliography of low-priced geographical books is sure to be useful. As a rule, only books known to the compiler as trustworthy in fact and interesting in style have been included; but a few are added on the recommendation of friends.

In order to guide the reading of those to whom a good library is available, a selection of more expensive works, and of books now out of print, has been added. These, it may be observed, are often to be purchased second-hand at very low prices, the best books, from a geographical point of view, being frequently in small demand, and of little profit to the bookseller. The prices must not be taken as if this were a second-hand bookseller's catalogue. They are in all cases the publishers' prices for the books when new. In most cases they are subject to discount, while in many instances the prices of the books have been reduced since their publication. When the published price of a book could not be ascertained, the probable price is given preceded by *ca.* Works in the English language have first been chosen, but in some departments of Geography there are gaps which it seemed better to fill with French or German works of standard value than to leave vacant.

The introduction to the various sections of the bibliography are only practical hints on the use of the books afterwards mentioned; they do not pretend to possess any independent value. The lists are given in alphabetical order according to the authors' names.

It is, perhaps, necessary to state in this age of advertisement that no publisher has been informed of the preparation of these lists, which are compiled solely with regard to what the compiler believes to be the merits of the books.

H. R. M.

ROYAL GEOGRAPHICAL SOCIETY,
1 SAVILE ROW, LONDON, W.,
July 1897.

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GUIDE TO Geographical Books and Apparatus

CHAPTER I

THE TEACHING OF GEOGRAPHY

THE notes that precede the lists of books in this and the succeeding chapters are intended to form a guide, not to the teaching of geography, but only to the selection of the books, maps, and apparatus required for the teaching of it. Yet because the selection of the equipment is conditioned by the use to which it will be put, a portion of the notes deals with the use of these aids to teaching. Accordingly, in the introductory part of this chapter, it is proposed to give some hints as to the use of the books and papers dealing with the teaching of geography.

In recent years both the aims and methods of teaching the subject have undergone great changes. These have been introduced gradually after due experiment, so that now many teachers have a more or less complete system; yet these changes have failed to penetrate the conservatism of a number of schools. While the literature of the subject shows the great improvements that have been evolved, the inspection of schools and the examination of papers reveal the need of the adoption of these improvements in a considerable proportion of schools.

There are two methods by which teachers may get into

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touch with the newer ideas. The one is by the study of writings upon the teaching of geography, such as those catalogued below; the other is by study of the subject-matter of the science itself under the guidance of modern geographers. This study of a subject itself is, of course, always necessary; but in the case of geography it is the key to the teaching, for the advance in pedagogic methods is in the main due to the advance in the understanding of the science of geography. Hence, if the opportunity for study under a master of the subject is lacking, the teacher must at least read the standard writers. Compilations at second hand duly diluted for the consumption of the immature must not form the entire contents of his library.

A short course might be suggested as follows: 1. *Physical Geography*, as taught in the works by Professor Davis or Professor Dryer or in one of the other American text-books mentioned in the next chapter; 2. *Human Geography*, as outlined in *Man and his Work* by Mr. and Mrs. Herbertson, in *Applied Geography* by Dr. Keltie, and treated more fully in one of its branches in the *Handbook of Commercial Geography* by Mr. Chisholm; 3. *Regional Geography*, at least of one region, as in *Britain and the British Seas* by Mr. Mackinder; 4. *Home Geography*, the study of one's own neighbourhood, by actual observation with the aid of the ordnance and geological maps, somewhat on the lines of Dr. Mill's *Fragment of the Geography of England* (*Geographical Journal*, vol. xv., 1900).

Only after such a study is one able to read with insight the literature dealing with the teaching of the subject. The conditions of teaching are so different in different schools that ideas and advice, however excellent, have to be modified and adapted to special needs. Writings on the subject must be considered as merely giving suggestions.

The appended list has been made as thorough as possible in order to meet the wants of all classes of teachers. On