

PREFACE TO THE THIRD EDITION

THE present edition of this Text-book has been entirely revised, and in some portions recast or rewritten, so as to bring it abreast of the continuous advance of Geological Science. The additions made to the text, which extend to every branch of the subject, increase the volumes by about 270 pages. Care has been taken to preserve a characteristic feature of former editions by inserting references to the more important memoirs and papers, where the student will find fuller information than can be given in a Text-book.

While the book was passing through the press I received from my friend Professor Zirkel the first volume of the new edition of his great text-book of Petrography, but too late to avail myself of its assistance. I can only now recommend it as an indispensable part of the outfit of every serious student of the petrographical section of Geology.

In the revision of the stratigraphical portion of this work I have been assisted with suggestions and information by my colleagues, Mr. Topley, Mr. H. B. Woodward, Mr. E. T. Newton, and Mr. C. Reid, to whom my best thanks are due.

MUSEUM, JERMYN STREET,

1st August 1893.