THE GEOLOGY OF THE ENGLISH LAKE DISTRICT: WITH NOTES ON THE MINERALS

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The Geology of the English Lake District: With Notes on the Minerals by John Postlethwaite

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JOHN POSTLETHWAITE

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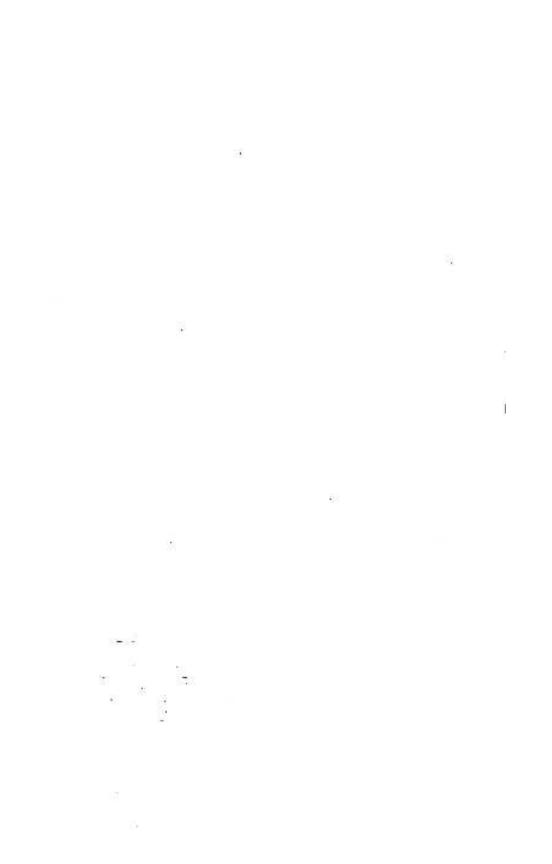
WITH NOTES ON THE MINERALS,

BY

JOHN POSTLETHWAITE, F.G.S.

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PREFACE.

The subject matter contained in the following pages was originally published in an abridged form, as the first part of a short treatise on "Mines and Mining in the Lake District;" but as the students of geology greatly exceed in number those who are interested in mining, and as there is a constantly increasing demand for a short and portable description of the geology and minerals of the Lake District, I was induced to enlarge slightly and re-publish that part of the book separately.

It has been my grantest pleasure, for upwards of twenty years, to search amongst the ancient sedimentary rocks of our mountains and valleys for the remains of life they contain, and I have endeavoured to give in these pages a fairly complete description of those remains of life. The section on the Mollusca is the only account that has been published of these fossils, as they occur in the Skiddaw Slate Rocks.

In compiling this work, I have been greatly indebted to the works of the late James Clifton Ward, F.G.S., who mapped and described the northern part of the English Lake District in a most careful and efficient manner, when employed on the Geological Survey. I have also obtained and made use of information from the writings of other authors, including the Officers of the Geological Survey, who mapped and described other portions of the District, and I acknowledge my indebtedness to them.

My very best thanks are also due to Miss Hoare, of Learnington, for her kind and efficient help in making drawings of sections, and also of graptolites, trilobites, and brachiopods.

THE AUTHOR.

Keswick, May, 1897.

PREFACE TO SECOND EDITION.

V.

In preparing for the issue of a Second Edition of this book, I have revised, and thereby endeavoured to make it more complete, and additional lists and plates of fossile have been added. The section on the Molluson of the Skiddaw Slates has been re-arranged, and the figures have been carefully drawn by an experienced and efficient artist.

In this form I trust that the book will be of service to geological students, and to the large, and annually increasing number of tourists who are interested in geology, and who desire to obtain, in a concise and portable form, some account of the rocks of the Lake Country, and of the remains of life they contain.

I would again acknowledge my indebtedness to the Maps and Memoirs of the Geological Survey, and to the writings of other authors whose works and opinions are quoted, and to whom I wish to tender my sincere thanks.

I am also greatly indebted to Miss Hoars, of Learnington, for her kind and efficient help in making drawings of tossils.

THE AUTHOR.

Keswick, May, 1906.

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