THE ESSENTIAL OF CHEMICAL PHYSIOLOGY FOR THE USE OF STUDENTS

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CHEMICAL PHYSIOLOGY

THE ESSENTIALS

OF

CHEMICAL PHYSIOLOGY

FOR THE USE OF STUDENTS

BY

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SEVENTH EDITION

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1909

PREFACE

TO

THE SEVENTH EDITION

I HAVE again thoroughly revised the book and have brought the subject-matter up to date, both as regards the practical exercises, and the descriptive and theoretical portion printed in larger type. A good deal which has become antiquated has been excised, so that the bulk of the volume is but little increased.

I have endeavoured to confine what is most fundamental and important to the elementary course, though no doubt different teachers will draw the line between what is to be considered elementary and what advanced, in different places.

The number of elementary lessons is still twelve as in previous editions, but the length of some of them is too great to be taken at a single sitting of the class. These can easily be subdivided by the teacher according to the time at his disposal.

I shall not attempt here even an enumeration of the additions and alterations I have made, for hardly a page has escaped revision, but will merely call special attention to the new lesson on some typical organic compounds, which will serve to remind the student of the properties and reactions of examples of a few important groups of organic substances, a knowledge of which is absolutely essential for the intelligent comprehension of physiological proximate principles.

I have to acknowledge help and valuable suggestions from Mr. J. Barcroft, M.A. (especially in connection with Respiration), and from my two colleagues at King's College, Dr. O. Rosenheim and Dr. Lyle; both of these have been of great assistance to me in reading the proof-sheets, and Dr. Lyle is again responsible for the Index.

W. D. HALLIBURTON.

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