The Chemistry of Plant Processes

C. P. WHITTINGHAM

THE CHEMISTRY OF PLANT PROCESSES

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METHUEN'S MONOGRAPHS ON BIOLOGICAL SUBJECTS

General Editor: KENNETH MELLANBY, C.B.E.

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Preface

This book attempts to introduce students who have some basic knowledge in the physical sciences to problems in plant metabolism. No distinction is made between the contributions from plant physiology and plant biochemistry since both disciplines are necessary for an understanding of a plant process.

It is assumed that the reader has some previous acquaintance with the problems of plant function in their most elementary aspects. This book attempts to present concisely a broad survey of plant physiology and biochemistry suitable for university students. Some detail has been omitted and no attempt has been made to include all the latest work in this rapidly expanding subject. Rather, an attempt has been made to provide a framework to prepare the reader for the study of original papers in those aspects of special interest to him.

I am grateful to a number of colleagues who have helped in preventing more errors than remain.

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January 1964

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PART ONE

Cellular Metabolism