

THE PATHWAY TO BOTANY

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The Pathway to Botany by Leo H. Grindon

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LEO H. GRINDON

**THE PATHWAY
TO BOTANY**

THE PATHWAY TO BOTANY.

AN INTRODUCTION TO

*THE CHIEF PARTICULARS IN THE STRUCTURE
OF FLOWERING-PLANTS, AND TO THE
PRINCIPLES OF CLASSIFICATION.*

BY

LEO H. GRINDON,

LECTURER ON BOTANY AT THE ROYAL SCHOOL OF MEDICINE, MANCHESTER.
AUTHOR OF THE "MANCHESTER FLORA;" "BRITISH AND GARDEN
BOTANY;" "THE TREES OF OLD ENGLAND;" "LIFE:
ITS NATURE, VARIETIES, AND PHENOMENA;"
AND OTHER WORKS.



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BRITISH AND GARDEN BOTANY: Consisting of descriptions of the Flowering-plants, Ferns, and Trees indigenous to Great Britain, with notices of all Plants commonly cultivated in this country for use and ornament: preceded by an introduction to Structural and Physiological Botany, and illustrated with 232 engravings of Flowers, &c. By LEO H. GRINDON, Author of "Life: its Nature," &c.

PREFACE.

IN 1858 I published the "Manchester Flora," with an Introduction to Botany, adapted to the requirements of the student of our native plants.

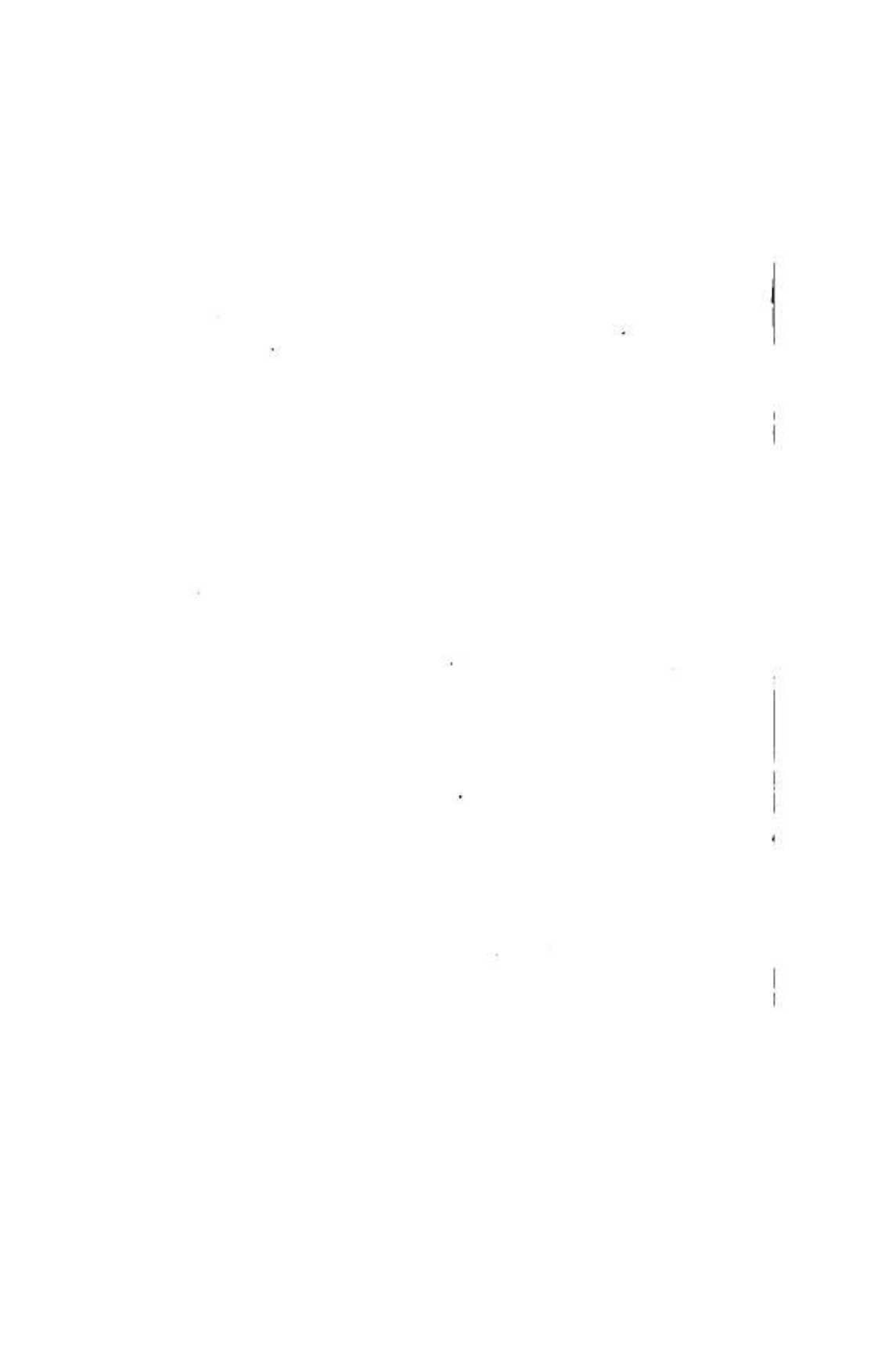
A few years afterwards I published my "British and Garden Botany," prefixing the Introduction to the "Flora," very much enlarged.

My pupils and others having found this introduction useful, especially in the separate form, I am induced to again reprint it, with considerable additions and improvements.

It makes not the slightest pretension to be an elaborate scientific treatise: it is simply what the title-page calls it—a pathway to more comprehensive volumes.

LEO H. GRINDON.

MANCHESTER,
February, 1872.



CONTENTS.

	PAGE
Introductory	1
The Parts of Perfect Plants	8
The Root	13
The Stem	14
The Leaves	29
The Flower	52
The Corolla	52
The Calyx	57
The Pistil	64
The Stamens	68
Compound Flowers	73
Incomplete Flowers	76
Purpose of the Flower	78
Double Flowers	82
The Inflorescence	84
The Bracts	88
The Fruit	91
Imperfect Plants	99
Classification	101
Exogens	106
Endogens	110
Flowerless Plants	111

The Families of Plants	115
Alliances	120
List of the Alliances and Families	121
Genera and Species	128
Varieties	133
Hybrids	134
The Names of Plants	135
Illustrations	137

THE PATHWAY TO BOTANY.

BOTANY is the science which considers the nature of Plants,—how they are constructed, what they are composed of, the circumstances of their life and growth, what they are good for, the countries and places they inhabit, their various and charming beauty, along with many other curious and interesting facts, such as render the study of it exceedingly pleasant and instructive, both to young people and old, at all seasons of the year, and wherever we may go.

There are thousands of different kinds of plants. Some grow upon land, others in the water; and of these latter not a few belong to the sea. Many lift their heads high into the air, and throw out beautiful and spreading branches, so as to form trees, which in many cases, when autumn arrives, are loaded with fruit; other kinds are so small and delicate that, in order to see them plainly, we must use a microscope. Between these two extremes there are multitudes of intermediate size, comprising garden flowers, wild-flowers, shrubs, vegetables fit to eat, weeds, moss, and whatever else forms part of the green mantle of the earth. All alike receive the