

CONTENTS

CHAPTER		
I.	NO TWO PLANTS OR PARTS ARE ALIKE	1
II.	THE STRUGGLE TO LIVE	4
III.	SURVIVAL OF THE FIT	7
IV.	PLANT SOCIETIES	9
V.	THE PLANT BODY	15
VI.	SEEDS AND GERMINATION	20
VII.	THE ROOT—THE FORMS OF ROOTS	32
VIII.	THE ROOT—FUNCTION AND STRUCTURE	38
IX.	THE STEM—KINDS AND FORMS—PRUNING	49
X.	THE STEM—ITS GENERAL STRUCTURE	59
XI.	LEAVES—FORM AND POSITION	73
XII.	LEAVES—STRUCTURE AND ANATOMY	86
XIII.	LEAVES—FUNCTION OR WORK	92
XIV.	DEPENDENT PLANTS	106
XV.	WINTER AND DORMANT BUDS	111
XVI.	BUD PROPAGATION	121
XVII.	HOW PLANTS CLIMB	129
XVIII.	THE FLOWER—ITS PARTS AND FORMS	133
XIX.	THE FLOWER—FERTILIZATION AND POLLINATION	144
XX.	FLOWER-CLUSTERS	155
XXI.	FRUITS	163
XXII.	DISPERSAL OF SEEDS	172
XXIII.	PHENOGAMS AND CRYPTOGAMS	176
XXIV.	STUDIES IN CRYPTOGAMS	182
INDEX		205