PLANT GENOMICS and PROTEOMICS



CONTENTS

	Αc	CKN	OWL	EDGMENTS.	VII
--	----	-----	-----	-----------	-----

INTRODUCTION, IX

- 1 THE STRUCTURE OF PLANT GENOMES, 1
- 2 THE BASIC TOOLBOX-ACQUIRING FUNCTIONAL GENOMIC DATA, 23
- 3 SEQUENCING STRATEGIES, 47
- 4 GENE DISCOVERY, 69
- 5 CONTROL OF GENE EXPRESSION, 89
- 6 FUNCTIONAL GENOMICS, 107
- 7 INTERACTIONS WITH THE EXTERNAL ENVIRONMENT, 131
- 8 IDENTIFICATION AND MANIPULATION OF COMPLEX TRAITS, 147
- 9 BIOINFORMATICS, 167
- 10 BIOETHICAL CONCERNS AND THE FUTURE OF PLANT GENOMICS, 189

AFTERWORD, 201

INDEX, 203