

Contents

	PAGE
List of plates	viii
1 Biochemical Principles	1
2 Diffusion and Osmosis	31
3 Transpiration and the Transpiration Stream	54
4 Translocation	70
5 Photosynthesis	83
6 Nitrogen and Fat Metabolism	102
7 Mineral Nutrition	123
8 Respiration	133
9 Plant Hormones I	153
10 Plant Hormones II	184
11 Germination and Growth	201
Index	221