

# Contents

	page
1. Introduction	7
Acknowledgements	9
2. History of botanical research	10
3. Orography	12
4. Geology	18
4.1 The West Tian Shan	20
4.2 The North Tian Shan	21
4.3 The Central Tian Shan	22
4.4 The South-East Tian Shan	24
5. Climate	28
6. Vegetation	30
6.1. Mountain coniferous forests	31
6.2. Broadleaved deciduous forests	31
6.3. Evergreen coniferous thickets	33
6.4. Broadleaved deciduous thickets	33
6.5. Steppe	33
6.6. Desert and semidesert	34
6.7. Halophytic vegetation	34
6.8. Meadows	35
6.8.1. Tall-herb meadows	35
6.8.2. Subalpine meadows	36
6.8.3. Alpine meadows	36
6.9. Screes	37
6.9.1. Screes of lower altitudes	37
6.9.2. Alpine and subnival stony slopes, screes and moraines	37
6.10. Rock vegetation	39
6.11. Mountain xerophytic vegetation	39
7. Species description	42
8. Glossary	386
9. Literature	394
10. Contents	397
11. Index	398

