

CONTENT

FOREWORD	x
PREFACE	xii
Technical note	xiv
1. PORTUGAL	1
General information.....	1
1.1. Volume tables and equations.....	2
1.2. Stand structure.....	3
1.3. Growth and yield. Modelling.....	3
1.4. Remote sensing.....	5
1.5. Chronology of selected works.....	5
1.6. Selected contributors.....	6
References.....	6
2. SPAIN	9
General information.....	9
2.1. Tree and tree volume tables.....	10
2.2. Stand structure.....	11
2.3. Stand growth and yield.....	12
2.4. Weight and biomass studies.....	12
2.5. Tree-ring studies.....	13
2.6. Forest inventory and remote sensing.....	15
2.6.1. Forest inventory.....	15
2.6.2. Remote sensing.....	16
2.7. Chronology of selected works.....	16
2.8. Selected contributors.....	18
References.....	18
3. BULGARIA	22
General information.....	22
3.1. Tree mensuration.....	22
3.2. Stand structure, growth and yield.....	23
3.3. Biomass studies.....	23
3.4. Tree ring studies.....	24

References.....	24
4. GREECE	26
General information.....	26
4.1. Tree mensuration.....	26
4.2. Stand volume, growth, modelling and biomass.....	27
4.3. Forest inventory and remote sensing.....	27
4.4. Fernow's (1911) comments on Greek forestry.....	27
References.....	29
5. HUNGARY	30
General information.....	30
5.1. Tree and primary products.....	31
5.2. Stand structure, growth and yield tables.....	31
5.3. Other works.....	34
References.....	35
6. ISRAEL	37
General information.....	37
Available data on forest mensuration works.....	37
References.....	38
7. ITALY	39
General information.....	39
7.1. Textbooks on forest mensuration.....	40
7.2. Tree mensuration.....	41
7.3. Stand structure.....	44
7.4. Stand growth and yield.....	44
7.5. Weight and biomass.....	45
7.6. Tree-ring studies.....	46
7.6.1. Dendrochronology.....	46
7.6.2. Dendroclimatology.....	46
7.6.3. Other dendrochronological works.....	48
7.7. Forest inventory and remote sensing.....	48
7.7.1. Forest inventory.....	48
7.7.2. Remote sensing.....	49
7.8. Chronology of the selected works.....	51
7.9. Selected contributors.....	52
References.....	53

8. ROMANIA	60
General information.....	60
8.1. Selected books, textbooks and booklets on forest mensuration or containing information on this subject	61
8.2. Instruments and measurement of trees and primary products.....	68
8.3. Tree form.....	70
8.4. Volume tables and equations.....	74
8.5. Biometrical studies on leaves, branches, bark, stump and roots.....	81
8.5.1. Leaves and branches.....	81
8.5.2. Bark.....	83
8.5.3. Stump and roots.....	83
8.6. Tree growth.....	85
8.7. Tree and stand timber assortments.....	89
8.8. Evaluation of forest site quality.....	95
8.9. Stand structure.....	103
8.10. Stand volume determination and special height and volume tables.....	114
8.11. Stand growth and yield.....	119
8.12. Yield tables.....	123
8.13. Weight and biomass studies.....	130
8.14. Tree ring studies.....	133
8.15. Forest inventory and remote sensing.....	135
8.15.1. Forest inventory and monitoring.....	135
8.15.2. Remote sensing.....	136
8.16. Chronology of selected works.....	136
8.17. Selected contributors.....	141
8.18. Comments.....	142
References.....	144
9. TURKEY	162
General information.....	162
9.1. Tree.....	163
9.2. Tree ring studies.....	164
9.3. Forest inventory and the use of aerial photographs.....	166
9.4. Other available works.....	166
9.5. Selected works in chronological order.....	167
References.....	167

10. FORMER YUGOSLAVIA	169
General information.....	169
10.1. Textbooks on forest mensuration.....	170
10.2. Tree mensuration, volume tables.....	170
10.3. Stand mensuration.....	171
10.4. Tree-ring studies.....	172
10.5. Forest inventory and the use of aerial photographs.....	172
10.6. Chronology of the selected works.....	173
10.7. Selected contributors.....	174
References.....	174
11. RUSSIAN FEDERATION AND OTHER COUNTRIES OF THE FORMER U.S.S.R.....	176
General information.....	176
11.1. Selected books, textbooks and handbooks containing information on forest mensuration and printed between 1843 and 1999.....	179
11.2. Tree and log measurement.....	187
11.3. Tree form.....	188
11.4. Tree volume tables.....	190
11.5. Tree growth.....	192
11.6. Timber assortments.....	193
11.7. Evaluation of forest site quality.....	195
11.8. Stand structure and modelling of stands, forest biocoenoses and forest ecosystems.....	198
11.9. Stand growth and yield. Growth modelling.....	201
11.9.1. Stand growth and yield.....	201
11.9.2. Stand growth modelling and analytical approach to ecophysiological forest modelling.....	207
11.10. Weight and biomass studies.....	208
11.11. Tree ring studies.....	211
11.11.1. Early works, institutional frame and publications.....	211
11.11.2. Tree-ring chronologies.....	212
11.11.3. Dendroclimatology.....	212
11.11.4. Dendrochronoecology.....	214
11.11.5. Dendrochronology and study of forest ecosystem dynamics.....	215
11.11.6. Cambial activity and seasonal growth.....	217
11.11.7. Dendroarchaeology.....	217

11.11.8. Other tree-ring and dendrochronological works.....	218
11.11.9. A list of cited authors of dendrochronological works by regions or countries included in the former USSR.....	218
11.12. Forest inventory and remote sensing.....	220
11.12.1. Forest inventory.....	220
11.12.2 Remote sensing.....	222
11.13. Chronology of selected works and events.....	224
11.14. Selected contributors.....	231
11.15. Comments.....	232
11.15.1. Some remarks of Anuchin.....	232
11.15.2. Our comments.....	233
References.....	236