

APPENDIX I

STATE FOREST FUND INVENTORY

Qty of trees with diameter above 8cm and timber volume

Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Area:8550m2					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common medlar	Mespilus germanica	8	1	0.017
		Total		1	0.017
2	Common hazel	Corylus avellana	8	777	13209
			10	147	4263
			12	63	2709
			14	1	0.062
			16	10	0.84
		Total		998	21.083
3	European ash	Fraxinus excelsior/F.americana	8	1	0.017
			16	4	0.336
			20	4	0.56
			24	3	0.63
			28	3	0.9
		Total		15	2.443
4	Hawthorn	Crataegus kyrtostyla	8	4	0.068
			10	3	0.087
			16	1	0.084
			20	2	0.28
			24	1	0.21
		Total		11	0.729
5	Litwinow's Birch	Betula litwinowii	10	1	0.029
			20	1	0.14
			28	1	0.3
			32	1	0.42
			36	1	0.55
		Total		5	53.651
6	European aspen	Populus tremula	8	8	0.136
			16	1	0.084
			20	2	0.28
			24	2	0.42
			32	3	1.26
			36	3	1.65
			48	2	2.1
			52	2	2.54
		Total		23	8.47
7	Grey Alder	Alnus incana	8	6	0.096
			12	1	0.056
			16	2	0.242
			20	2	0.42
			24	4	1.28
			28	5	2.1
			32	3	1.65
			36	1	0.67
			40	1	0.77
			44	1	0.94
		Total		26	8.224
8	Caucasian Pear	Pyrus caucasica	8	1	0.017
			12	1	0.043
			14	1	0.062
			20	1	0.14

			24	1	0.21
			28	1	0.3
		Total		6	0.772
9	Common hornbeam	Carpinus caucasica	8	3	0.051
			12	1	0.043
			20	1	0.14
			24	1	0.21
			32	1	0.42
		Total		7	0.864
10	Cherry plum	Prunus divaricata	12	1	0.043
		Total		1	0.043
11	Georgian oak	Quercus iberica	12	1	0.05
			16	1	0.1
			28	1	0.36
			32	1	0.5
		Total		4	1.01
12	Red dogwood	Thelycrania australis	12	2	0.086
		Total		2	0.086
13	Field maple	Acer campestre	16	1	0.084
			20	6	0.84
			24	5	1.05
			28	7	2.1
			32	4	1.68
			36	4	2.2
		Total		27	7.954
14	Alder buckthorn	Frangula alnus	8	1	0.017
		Total		1	0.017
		Total per plot		1127	53.151
		Plants d<8cm			0.5m3
Volume of registered timer resourced					53.651
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Area 2 (379m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	13	0.221
			10	2	0.058
		Total		15	0.279
2	European ash	Fraxinus excelsior; Fraxinus americana	10	1	0.029
		Total		1	0.029
3	Hawthorn	Crataegus kyrtostyla	8	2	0.034
		Total		2	0.034
4	Grey Alder	Alnus incana	8	1	0.016
			24	1	0.32
		Total		2	0.336
5	Caucasian Pear	Pyrus caucasica	12	1	0.043
			16	1	0.084
			52	1	1.27
		Total		3	1.397
6	Cherry plum	Prunus divaricata	8	2	0.034
		Total		2	0.034
7	Rowan-tree	Sorbus caucasigena	8	2	0.034
			16	1	0.084
			18	1	0.112

		Total		4	0.23
		Total per plot		29	2.339
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Area 3 (748m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Sweet Cherry	Cerasus silvestris	8	1	0.017
		Total		1	0.017
2	Common medlar	Mespilus germanica	8	1	0.017
		Total		1	0.017
3	Common hazel	Corylus avellana	8	13	0.221
			10	1	0.029
		Total		14	0.25
4	Litwinow's Birch	Betula litwinowii	8	1	0.017
		Total		1	0.017
5	Grey Alder	Alnus incana	8	16	0.256
			10	9	0.279
			12	8	0.448
			16	8	0.968
			20	6	1.26
			24	2	0.64
			28	2	0.84
		Total		51	4.691
6	Caucasian Pear	Pyrus caucasica	8	1	0.017
			12	1	0.043
			16	1	0.084
		Total		3	0.144
7	Rowan-tree	Sorbus caucasigena	10	2	0.058
		Total		2	0.058
		Total per plot		73	5.194
		Plants d<8cm			
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Area 4 (149m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Sweet Cherry	Cerasus silvestris	32	1	0.42
		Total		1	0.42
2	European aspen	Populus tremula	44	1	0.87
		Total		1	0.87
3	Common hornbeam	Carpinus caucasica	16	1	0.084
		Total		1	0.084
4	Caucasian maple	Acer laetum	14	2	0.124
		Total		2	0.124
		Total per plot		5	1.498
		Plants d<8cm			
Volume of registered timer resourced = 1.498m3					
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Area 5 (9701m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Sweet Cherry	Cerasus silvestris	8	1	0.017
			16	2	0.168
			18	1	0.112
			20	1	0.14
			24	1	0.21
			28	1	0.3
			32	1	0.42

		Total		8	1.367
2	Common medlar	Mespilus germanica	8	2	0.034
			10	2	0.058
			12	2	0.086
			20	1	0.14
		Total		7	0.318
3	Common hazel	Corylus avellana	8	892	15.164
			10	95	2.755
			12	37	1.591
			14	1	0.062
			16	1	0.084
		Total		1026	19.656
4	European ash	Fraxinus excelsior	8	6	0.102
			10	2	0.058
			12	2	0.086
			16	7	0.588
			20	5	0.7
			24	5	1.05
			28	7	2.1
			32	1	0.42
		Total		35	5.104
5	Hawthorn	Crataegus kyrtostyla	8	9	0.153
			10	6	0.174
			12	1	0.043
			14	2	0.124
			16	1	0.084
			20	1	0.14
			22	1	0.175
			24	1	0.21
		Total		22	1.103
6	European aspen	Populus tremula	8	7	0.119
			10	1	0.029
			12	3	0.129
			20	1	0.14
			28	4	1.2
			32	8	3.36
			36	16	8.8
			40	19	13.3
			44	16	13.92
			48	4	4.2
			52	3	3.81
		Total		82	49.007
7	Caucasian Pear	Pyrus caucasica	8	2	0.034
			12	2	0.086
			16	1	0.084
			20	4	0.56
			24	2	0.42
			28	1	0.3
			36	1	0.55
		Total		13	2.034
8	Common hornbeam	Carpinus caucasica	8	2	0.034
			10	3	0.087
			12	2	0.086
			16	3	0.252

			20	1	0.14
			32	1	0.42
		Total		12	1.019
9	Cherry plum	Prunus divaricata	8	3	0.051
			10	3	0.087
			12	1	0.043
			16	2	0.168
			20	1	0.14
		Total		10	0.489
10	Field maple	Acer campestre	8	1	0.017
			10	1	0.029
			12	5	0.215
			16	6	0.504
			20	9	1.26
			24	8	1.68
			28	8	2.4
			32	4	1.68
			36	2	1.1
			40	1	0.7
			44	1	0.87
		Total		46	10.455
		Total per plot		1261	90.552
		Plants d<8cm			0.5
Volume of registered timer resourced					91.052
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri.Quarter 20. Liter: 2,3,6. Area 6 (30433 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Sweet Cherry	Cerasus silvestris	20	2	0.28
		Total		2	0.28
2	Common medlar	Mespilus germanica	8	3	0.051
		Total		3	0.051
3	Common hazel	Corylus avellana	8	1342	22.814
			10	136	3.944
			12	68	2.924
			14	17	1.054
		Total		1563	30.736
4	European ash	Fraxinus excelsior	16	1	0.21
		Total		1	0.21
5	Hawthorn	Crataegus kyrtostyla	8	1	0.017
			12	2	0.086
			16	1	0.084
			20	1	0.14
			24	1	0.21
		Total		6	0.537
6	Litwinow's Birch	Betula litwinowii	8	3	0.051
			10	1	0.029
			12	2	0.086
			14	1	0.062
			20	4	0.56
			24	1	0.21
			28	2	0.6
		Total		14	1.598
7	European aspen	Populus tremula	16	2	0.168
			24	11	2.31

			28	13	3.9
			32	4	1.68
			44	2	1.74
			52	1	1.27
		Total		33	11.068
8	Grey Alder	Alnus incana	8	124	1.984
			12	48	2.688
			16	24	2.904
			18	20	3.32
			20	70	14.7
			24	52	16.64
			28	34	14.28
			32	10	5.5
			36	16	10.72
			40	24	18.48
		Total		422	91.216
9	Caucasian Pear	Pyrus caucasica	24	2	0.42
			28	1	0.3
			36	1	0.55
		Total		4	1.27
10	Common hornbeam	Carpinus caucasica	16	3	0.252
			24	2	0.42
			32	1	0.42
		Total		6	1.092
11	Cherry plum	Prunus divaricata	12	2	0.086
		Total		2	0.086
12	Georgian oak	Quercus iberica	32	1	0.5
		Total		1	0.5
13	Field maple	Acer campestre	28	3	0.9
			36	1	0.55
			40	3	0.21
			44	2	1.74
			52	1	1.27
		Total		10	4.67
14	Oriental beech	Fagus orientalis	8	2	0.04
			12	2	0.1
			16	8	0.776
			20	25	4
			24	4	1
			28	8	2.88
			32	4	2
			36	2	1.32
			52	17	26.52
		Total		72	38.636
		Total per plot		2139	181.95
		Plants d<8cm			185.95
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter 20. Liter: 2. Area 7 (1011 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Grey Alder	Alnus incana	8	51	0.816
			10	20	0.62
			12	10	0.56
			14	15	1.29
			16	40	4.84

			20	5	1.05
			24	5	1.6
		Total		146	10.776
		Total per plot		146	10.776
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter 14, 20. Area 8 (1495 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	91	1.547
			10	9	0.261
			12	11	0.473
			16	3	0.252
		Total		114	2.533
2	Goat willow	Salix caprea	8	28	0.476
			10	4	0.116
			12	9	0.387
			16	2	0.168
		Total		43	1.147
3	Sycamore maple	Acer pseudoplatanus	16	3	0.252
			18	1	0.112
			20	1	0.14
			24	4	0.84
		Total		9	1.344
4	Grey Alder	Alnus incana	8	46	0.736
			10	3	0.093
			12	10	0.56
			14	1	0.086
			16	2	0.242
			20	1	0.21
			24	5	1.6
			28	1	0.42
			32	2	1.1
			36	2	1.34
		Total		73	6.387
5	Caucasian Pear	Pyrus caucasica	8	3	0.051
			12	2	0.086
		Total		5	0.137
		Total per plot		244	11.548
		Plants d<8cm			
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter 12. Liter: 1d. Area 9 (1727 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	4	0.068
		Total		4	0.068
2	Litwinow's Birch	Betula litwinowii	8	1	0.017
			10	1	0.029
		Total		2	0.046
3	Goat willow	Salix caprea	8	8	0.136
			10	4	0.116
			12	1	0.043
		Total		13	0.295
4	European aspen	Populus tremula	8	1	0.017
		Total		1	0.017
5	Georgian oak	Quercus iberica	8	1	0.02
		Total		1	0.02

6	Rowan-tree	Sorbus caucasigena	8	2	0.034
			10	1	0.029
		Total		3	0.063
		Total per plot		24	0.509

Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter 13. Liter: 2; 1g. Area 10 (1361 m2)

N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	4	0.068
		Total		4	0.068
2	Litwinow's Birch	Betula litwinowii	12	1	0.043
		Total		1	0.043
3	Goat willow	Salix caprea	8	4	0.068
			10	1	0.029
			12	1	0.043
		Total		6	0.14
4	Grey Alder	Alnus incana	8	3	0.048
		Total		3	0.048
5	Cherry plum	Prunus divaricata	8	1	0.017
		Total		1	0.017
6	Georgian oak	Quercus iberica	8	1	0.02
		Total		1	0.02
7	Rowan-tree	Sorbus caucasigena	10	1	0.029
		Total		1	0.029
		Total per plot		17	0.365

Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter 13. Liter: 1b, 2. Area 11 (1435 m2)

N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Sweet Cherry	Cerasus silvestris	12	1	0.043
		Total		1	0.043
2	Common hazel	Corylus avellana	8	7	0.119
			10	1	0.029
		Total		8	0.148
3	European ash	Fraxinus excelsior	8	1	0.017
			10	1	0.029
		Total		2	0.046
4	Litwinow's Birch	Betula litwinowii	14	1	0.062
		Total		1	0.062
5	Goat willow	Salix caprea	8	9	0.153
			10	1	0.029
			12	3	0.129
			16	1	0.084
		Total		14	0.395
6	Sycamore maple	Acer pseudoplatanus	14	1	0.062
		Total		1	0.062
7	European aspen	Populus tremula	16	1	0.084
		Total		1	0.084
8	Cherry plum	Prunus divaricata	10	1	0.029
		Total		1	0.029
9	Georgian oak	Quercus iberica	12	1	0.05
		Total		1	0.05
10	Rowan-tree	Sorbus caucasigena	8	2	0.034
			10	1	0.029
		Total		3	0.063
11	Oriental beech	Fagus orientalis	8	1	0.02

		Total		1	0.02
		Total per plot		34	1.002
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter: forest adjacent to quarter 13. Area 12 (1829 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	2	0.034
		Total		2	0.034
2	Goat willow	Salix caprea	8	23	0.391
			10	4	0.116
			12	3	0.129
			16	2	0.168
			20	1	0.14
			24	1	0.21
			32	2	0.84
			36	1	0.55
		Total		37	2.544
3	Sycamore maple	Acer pseudoplatanus	8	2	0.034
		Total		2	0.034
4	European aspen	Populus tremula	8	18	0.306
			10	14	0.406
			12	8	0.344
			14	6	0.372
			16	8	0.672
			24	1	0.21
		Total		55	2.31
5	Caucasian Pear	Pyrus caucasica	8	1	0.017
			16	1	0.084
			20	1	0.14
			24	3	0.63
		Total		6	0.871
6	Cherry plum	Prunus divaricata	8	1	0.017
			12	1	0.043
		Total		2	0.06
		Total per plot		104	5.853
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter: forest adjacent to quarter 13. Area 13 (27 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Goat willow	Salix caprea	8	3	0.051
			10	1	0.029
		Total		4	0.08
		Total per plot		4	0.08
Forest fund management authority: Mtskheta-Mtianeti regional forestry service. Forest unit: Dusheti. Pasanauri. Quarter: forest adjacent to quarter 13. Area 14 (220 m2)					
N	Species		Diameter. cm	Qty. unit	Timber volume. m3
1	Common hazel	Corylus avellana	8	3	0.051
		Total		3	0.051
2	Litwinow's Birch	Betula litwinowii	8	1	0.017
			12	1	0.043
			14	1	0.062
		Total		3	0.122
3	Goat willow	Salix caprea	8	6	0.102
			12	1	0.043
			16	1	0.084
			20	1	0.14

		Total		9	0.369
4	Rowan-tree	Sorbus caucasigena	12	1	0.043
		Total		1	0.043
		Total per plot		16	0.585