# Stand data (before intervention): Bosco Pennataro regional

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Site conditions

Altitude: 930 m.a.s.l.
Forest ecological region: Molise
Regional forest

Tree species distribution by volume (in %)
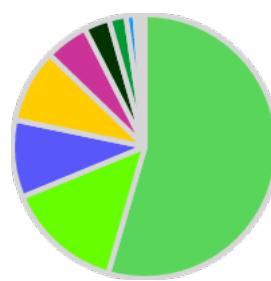
- Turkey oak: 54.6 %
- common beech: 14.3 %
- Italian maple: 9.5 %
- common ash: 9 %
- hornbeam: 5.3 %
- Lobels maple: 3.1 %
- small-leaved lime: 2.1 %
- sycamore maple: 1.1 %
- field maple: 0.6 %
- European hop-hornbeam: 0.4 %
- wild service tree: 0.1 %
- hazel: 0.1 %
- cornelian cherry: 0 %

DBH distribution of the stand
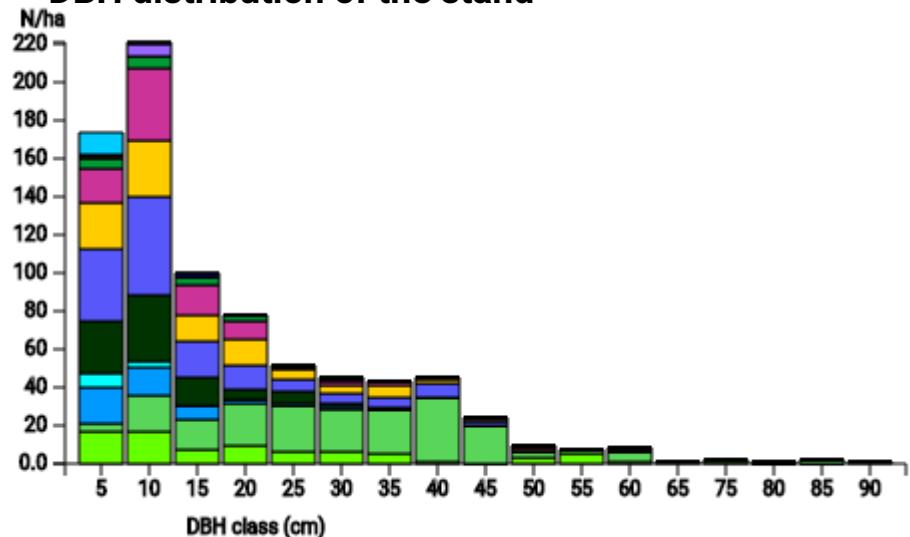
Initial stand (details by tree species)

| Tree species	N/ha	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Microhabitats (N)
European hop-hornbeam	9	0.2	1.4	41	8	1
Italian maple	148	4.4	36.4	948	2607	143
Lobels maple	90	1.7	12	312	996	60
Turkey oak	198	19.7	209.6	7019	6072	297
common ash	101	3.9	34.7	930	1606	79
common beech	80	6.1	54.9	1532	1392	77
cornelian cherry	1	0	0	0	24	1
field maple	15	0.3	2.3	60	278	14
hazel	12	0.1	0.2	6	30	1
hornbeam	91	2.2	20.2	601	742	40
small-leaved lime	22	0.9	8.1	195	207	11
sycamore maple	43	0.6	4	105	569	30
wild service tree	3	0.1	0.3	9	0	0
Total	813	40.1	384.3	11760	14531	754

Removed trees

Volume: 59.8 m³
Basal area: 6.1 m²
Economic value: 1870 €
Habitat value: 1940 pts.

Removed trees (N in %)
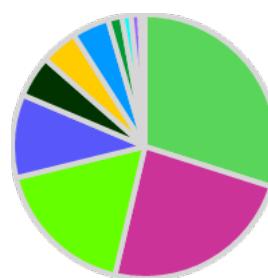
- Turkey oak: 29.9 %
- hornbeam: 23.7 %
- common beech: 17.5 %
- Italian maple: 10.2 %
- Lobels maple: 5.1 %
- common ash: 4.5 %
- sycamore maple: 4.5 %
- small-leaved lime: 1.7 %
- field maple: 1.1 %
- European hop-hornbeam: 1.1 %
- hazel: 0.6 %
- cornelian cherry: 0 %
- wild service tree: 0 %

DBH distribution of removed trees
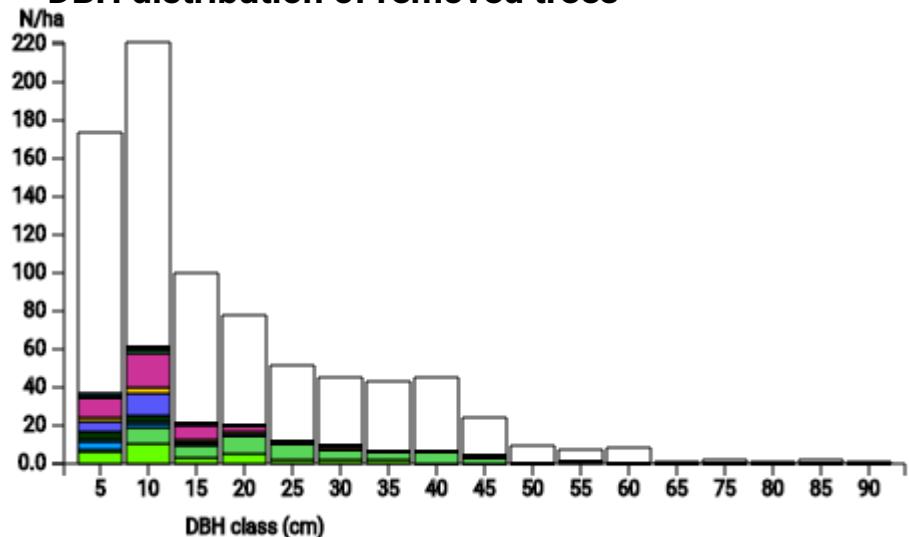
Removed trees (details by tree species)

Tree species	N/ha	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Microhabitats (N)
European hop-hornbeam	2	0	0.1	3	8	1
Italian maple	18	0.2	1.5	39	110	4
Lobels maple	9	0.1	0.8	20	85	4
Turkey oak	53	3.4	35.7	1196	1185	55
common ash	8	0.2	1.6	42	8	1
common beech	31	1.2	12	336	200	14
cornelian cherry	0	0	0	0	0	0
field maple	2	0	0.1	3	24	1
hazel	1	0	0	1	0	0
hornbeam	42	0.8	7.1	211	264	14
small-leaved lime	3	0.1	0.4	9	0	0
sycamore maple	8	0.1	0.4	12	56	3
wild service tree	0	0	0	0	0	0
Total	177	6.1	59.7	1870	1940	97

Economic value [EUR]
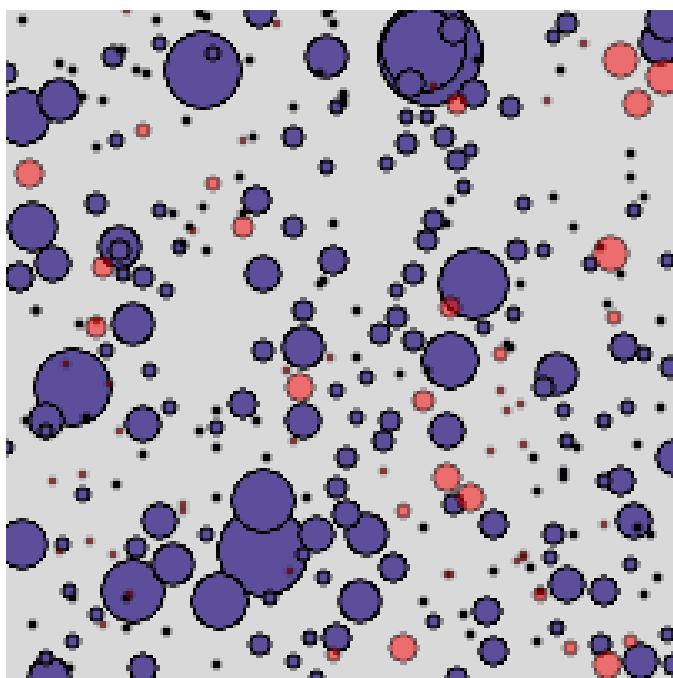
Habitat value
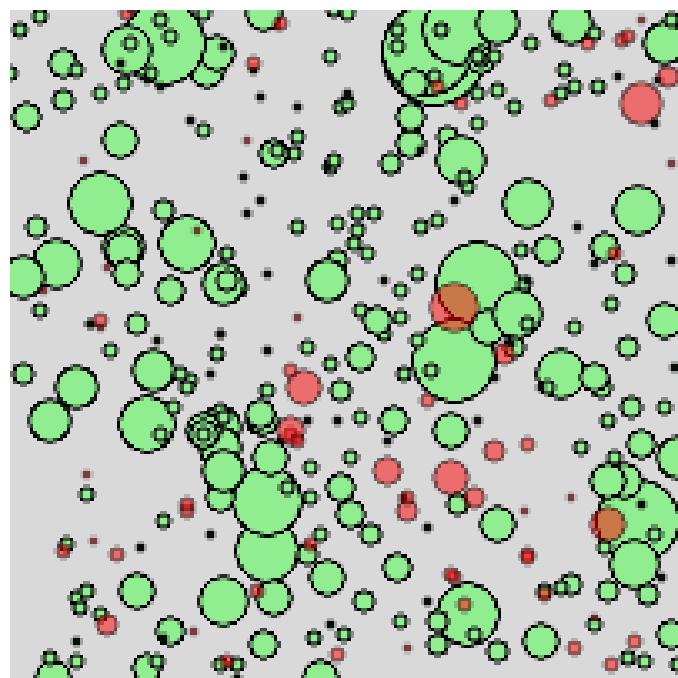
Basal area [m²]
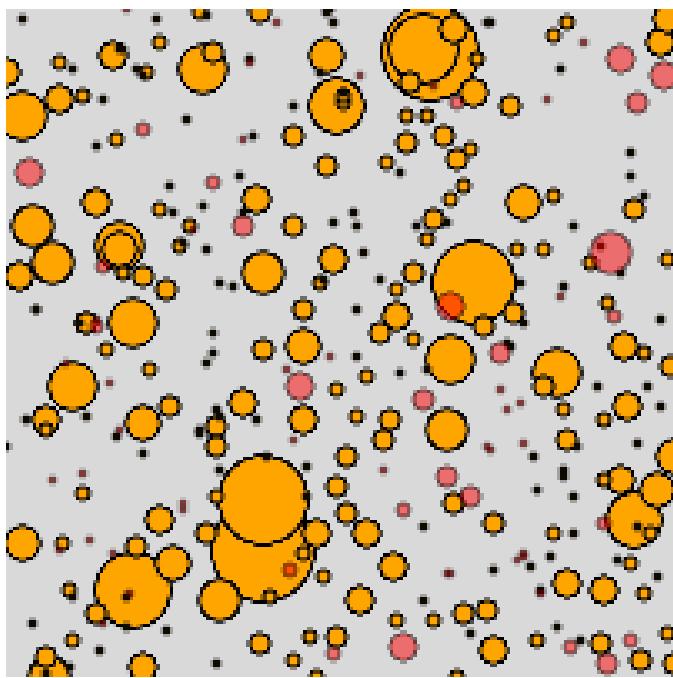
Volume [m³]
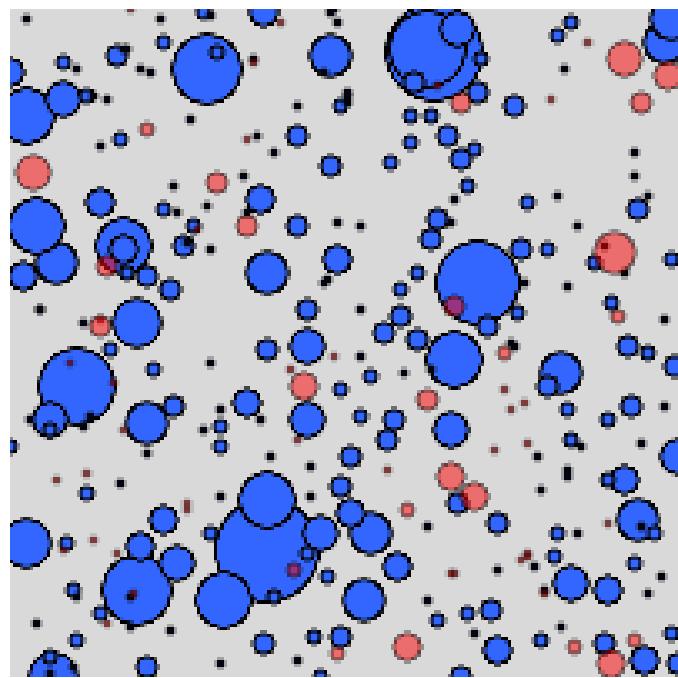
Description:

Red circles (removed trees); circle size according to numerical values (e.g. large circles mean high values); trees with very low values (e.g. habitat value "0") are not visible.

Economic values

Total value of removed trees: 1870 €
Percentage of total stand value: 15.9 %
Stand value after harvest: 9890 €

Economic value by tree species [€]

Tree species	Total	Per m³
common beech	336	28
Turkey oak	1196	33
sycamore maple	12	26
field maple	3	26
Lobels maple	20	26
Italian maple	39	26
common ash	42	27
hornbeam	211	30
small-leaved lime	9	24
cornelian cherry	0	0
European hop-hornbeam	3	28
wild service tree	0	0
hazel	1	28
Total	1870	31

Wood quality distribution (m³ in %)
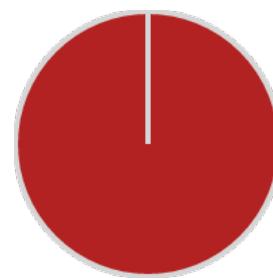
- A
- B
- C
- IT
- F

| Quality class	m³	%
A	0	0
B	0	0
C	0	0
Industrial Timber	0	0
Fuelwood	59.7	100

Habitat values

Total habitat value of removed trees: 1940 pts.
Percentage of total stand value: 13.4 %
Stand value after harvest: 12591 pts.

Habitat value by tree species [pts.]

Tree species	Total	Per m³	Microhabitats [N]
common beech	200	16.6	14
Turkey oak	1185	33.2	55
sycamore maple	56	126.4	3
field maple	24	219	1
Lobels maple	85	108.2	4
Italian maple	110	74.1	4
common ash	8	5	1
hornbeam	264	37.3	14
small-leaved lime	0	0	0
cornelian cherry	0	0	0
European hop-hornbeam	8	83.7	1
wild service tree	0	0	0
hazel	0	0	0
Total	1940	32.5	97

Habitat value (points) of removed trees by species (in %)
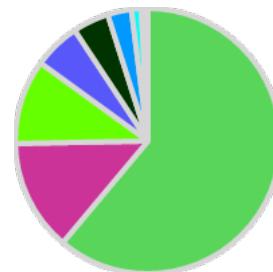
- Turkey oak (61.1 %)
- hornbeam (13.6 %)
- common beech (10.3 %)
- Italian maple (5.7 %)
- Lobels maple (4.4 %)
- sycamore maple (2.9 %)
- field maple (1.2 %)
- common ash (0.4 %)
- European hop-hornbeam (0.4 %)
- cornelian cherry (0 %)
- small-leaved lime (0 %)
- wild service tree (0 %)
- hazel (0 %)

Remaining stand

Volume: 325 m³
Basal area: 34.9 m²
Economic value: 9890 €
Habitat value: 12591 pts.

Remaining trees by volume (m³ in %)
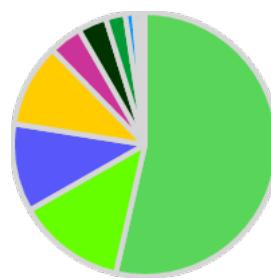
- Turkey oak: 53.6 %
- common beech: 13.2 %
- Italian maple: 10.8 %
- common ash: 10.2 %
- hornbeam: 4 %
- Lobels maple: 3.5 %
- small-leaved lime: 2.4 %
- sycamore maple: 1.1 %
- field maple: 0.7 %
- European hop-hornbeam: 0.4 %
- wild service tree: 0.1 %
- hazel: 0.1 %
- cornelian cherry: 0 %

DBH distribution after removal
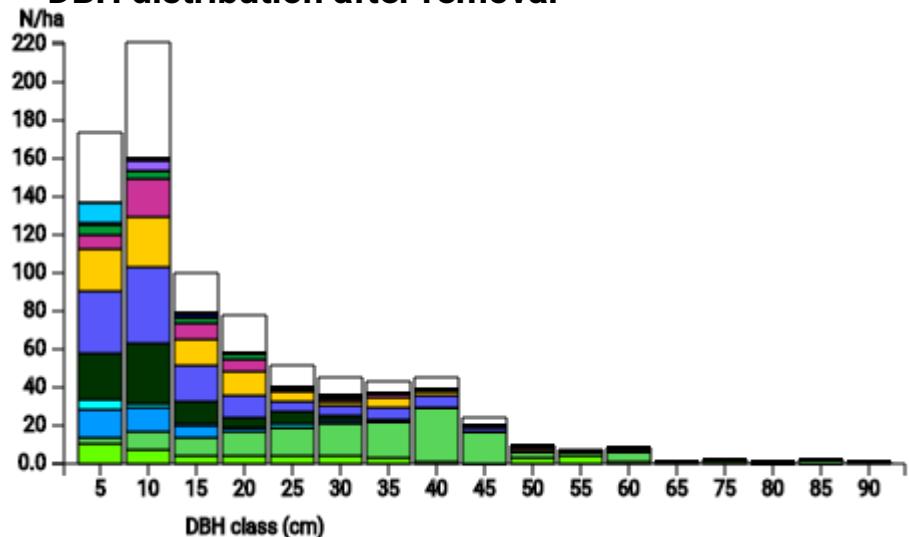
Remaining stand (details by tree species)

| Tree species	N/ha	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Microhabitats (N)
European hop-hornbeam	7	0.2	1.4	38	0	0
Italian maple	130	4.2	34.9	909	2497	139
Lobels maple	81	1.6	11.2	292	911	56
Turkey oak	145	16.2	173.9	5823	4887	242
common ash	93	3.8	33.1	888	1598	78
common beech	49	4.9	42.9	1197	1192	63
cornelian cherry	1	0	0	0	24	1
field maple	13	0.3	2.2	58	254	13
hazel	11	0.1	0.2	6	30	1
hornbeam	49	1.4	13.1	390	478	26
small-leaved lime	19	0.9	7.7	186	207	11
sycamore maple	35	0.5	3.6	94	513	27
wild service tree	3	0.1	0.3	9	0	0
Total	636	34	324.6	9889	12591	657

Retention trees

Volume: 78 m³
Elite trees: 0
Habitat trees: 17
Economic value: 2398 €
Habitat value: 2490 pts.

Retention trees by volume (m³ in %)
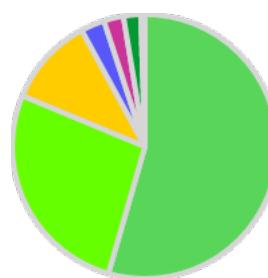
- Turkey oak: 54.4 %
- common beech: 26.8 %
- common ash: 10.8 %
- Italian maple: 2.9 %
- hornbeam: 2.4 %
- small-leaved lime: 2.1 %
- European hop-hornbeam: 0.5 %
- field maple: 0 %
- Lobels maple: 0 %
- sycamore maple: 0 %
- cornelian cherry: 0 %
- wild service tree: 0 %
- hazel: 0 %

DBH distribution of retention trees
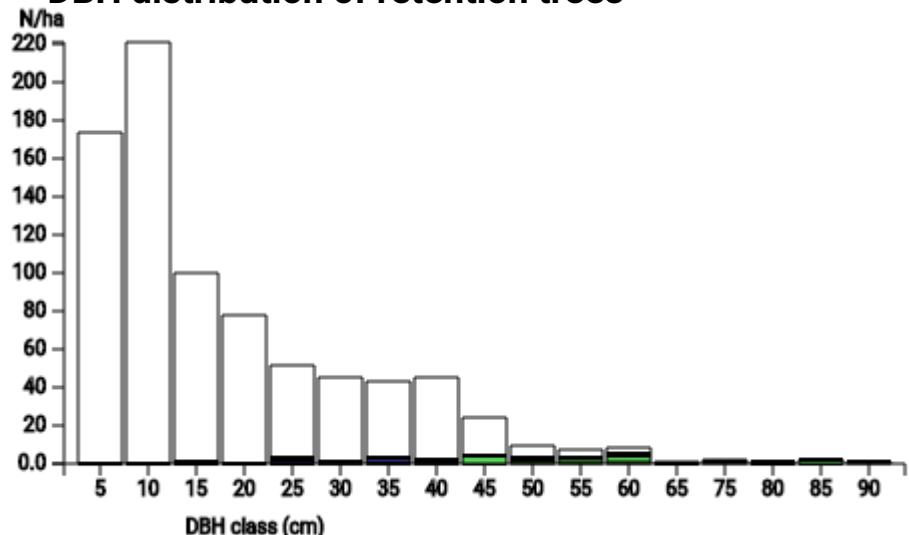
Retained trees (details by tree species)

Tree species	N/ha	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Microhabitats (N)
European hop-hornbeam	1	0	0.4	12	0	0
Italian maple	3	0.3	2.3	60	242	10
Lobels maple	0	0	0	0	0	0
Turkey oak	15	3.8	42.4	1420	1257	57
common ash	3	0.9	8.4	226	365	18
common beech	5	1.9	20.9	584	429	21
cornelian cherry	0	0	0	0	0	0
field maple	0	0	0	0	0	0
hazel	0	0	0	0	0	0
hornbeam	2	0.2	1.9	57	129	6
small-leaved lime	1	0.2	1.6	40	68	3
sycamore maple	0	0	0	0	0	0
wild service tree	0	0	0	0	0	0
Total	30	7.3	78	2398	2490	115

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Number of habitat trees	[N]	17
Habitat value	pts.	1793
	[% of total]	12.3
Economic value	[€]	1496
	[% of total]	12.7
Number of microhabitats	[N]	84
	[% of total]	11.1

Habitat tree distribution by species (N in %)
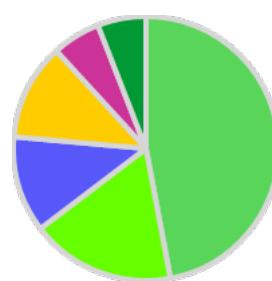
- Turkey oak: 47.1 %
- common beech: 17.6 %
- common ash: 11.8 %
- Italian maple: 11.8 %
- hornbeam: 5.9 %
- small-leaved lime: 5.9 %
- Lobels maple: 0 %
- field maple: 0 %
- sycamore maple: 0 %
- cornelian cherry: 0 %
- European hop-hornbeam: 0 %
- wild service tree: 0 %
- hazel: 0 %

Spatial distribution of habitat trees
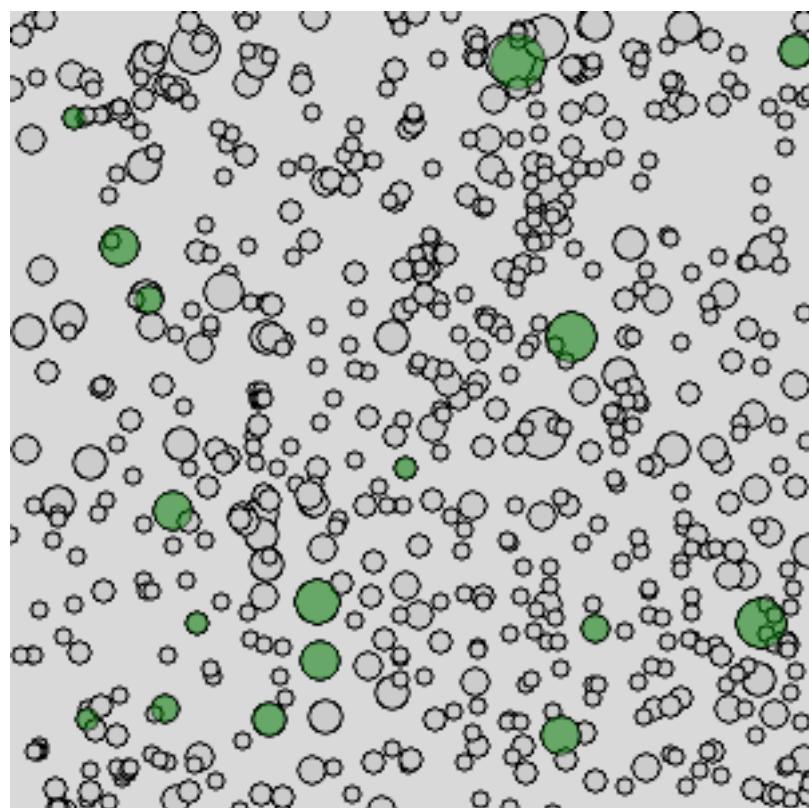
Reasons for removal
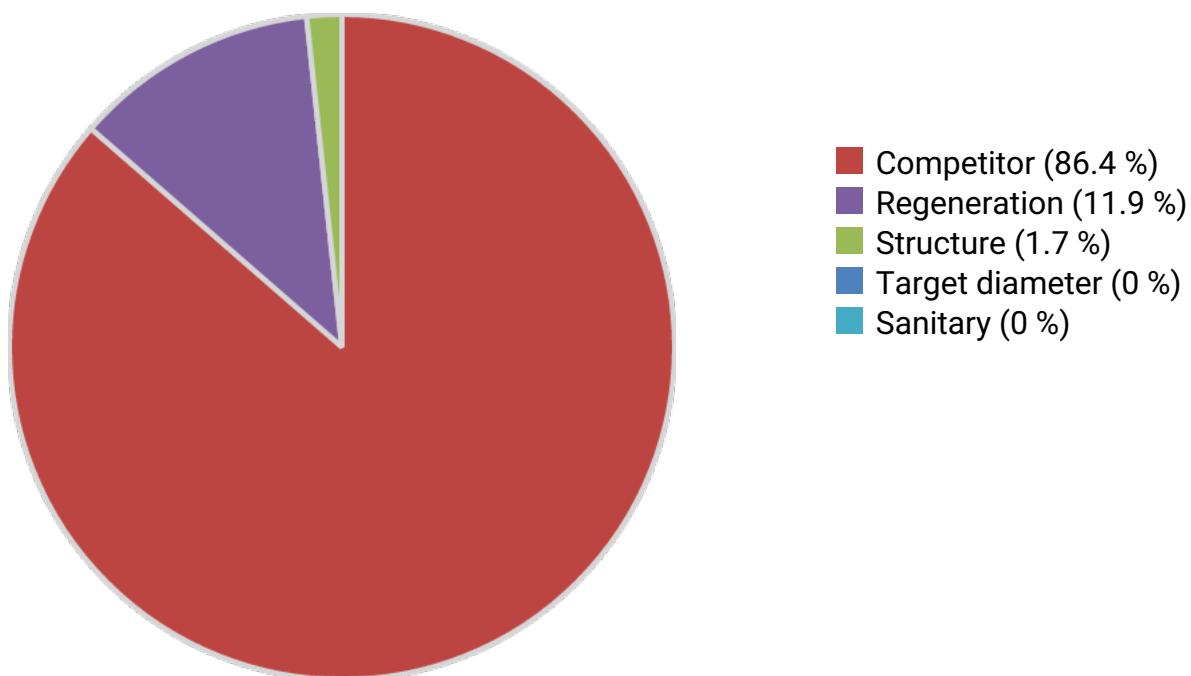
- Competitor (86.4 %)
- Regeneration (11.9 %)
- Structure (1.7 %)
- Target diameter (0 %)
- Sanitary (0 %)

Reasons for retention
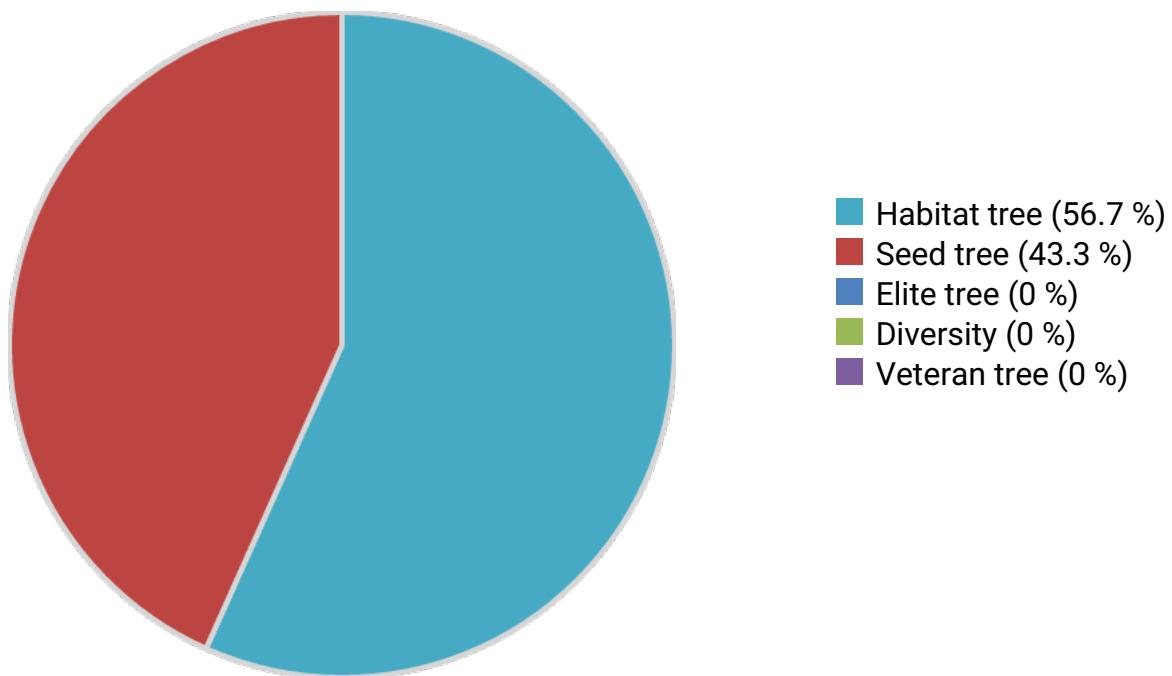
- Habitat tree (56.7 %)
- Seed tree (43.3 %)
- Elite tree (0 %)
- Diversity (0 %)
- Veteran tree (0 %)

Distribution of tree microhabitats by code (N total)
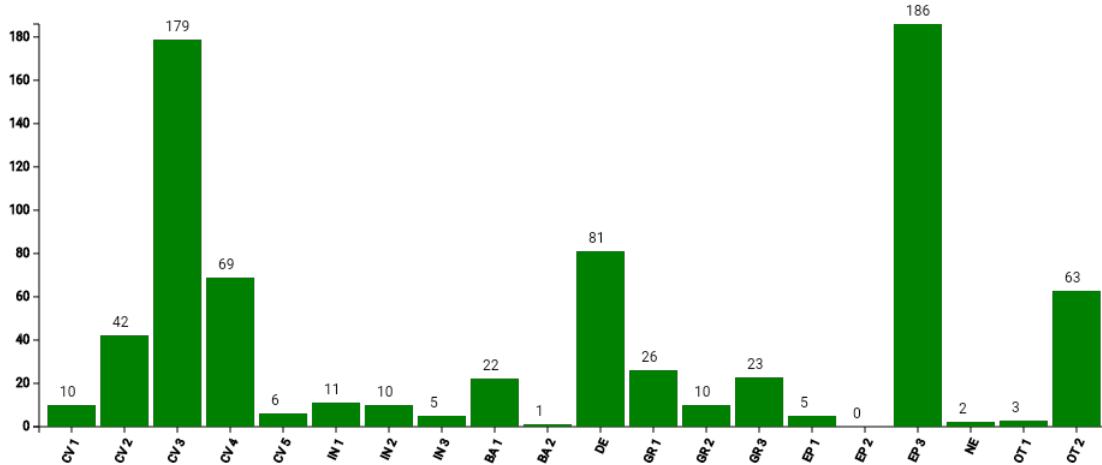
Removed tree microhabitats by code (N removed)
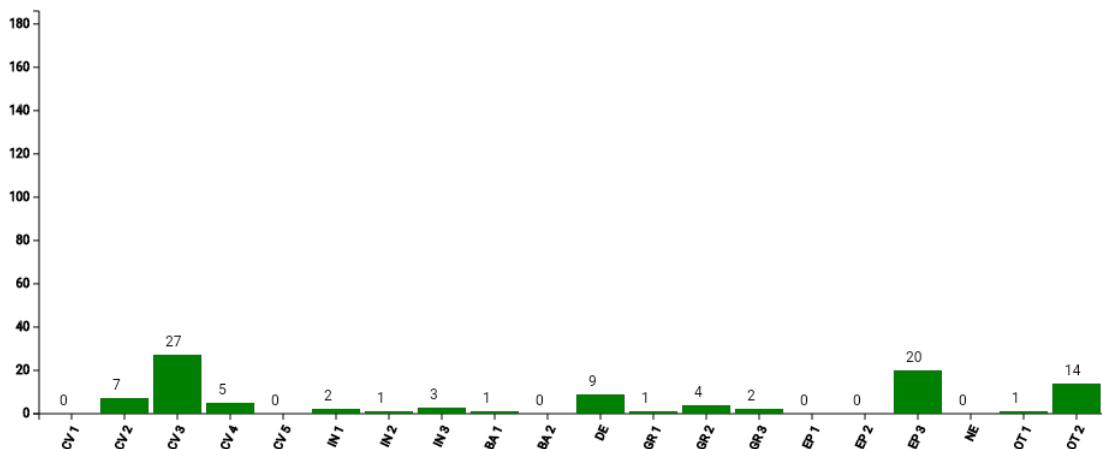
Remaining tree microhabitats by code (N after harvest)
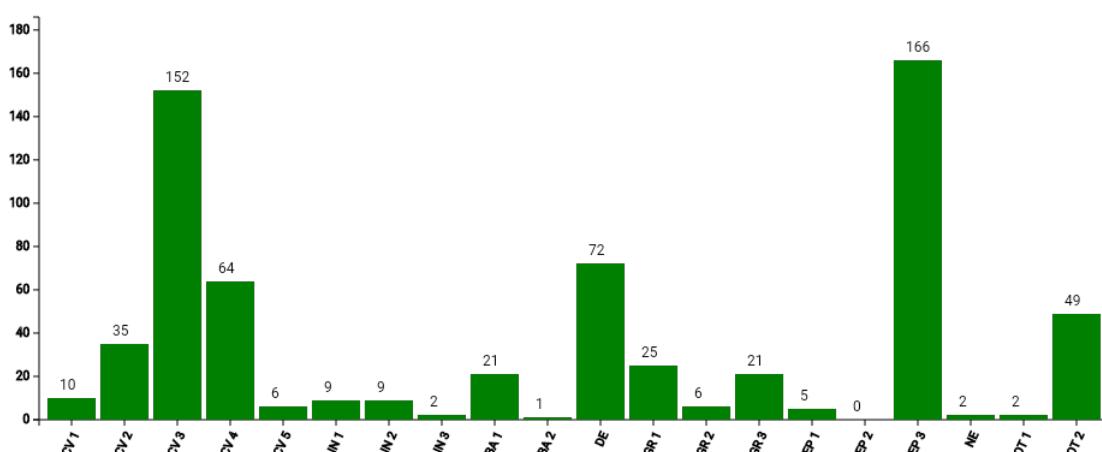
For more details on codes consult the field guide "Catalogue of tree microhabitats" or the tree microhabitat app.

Conflict trees (stand data)
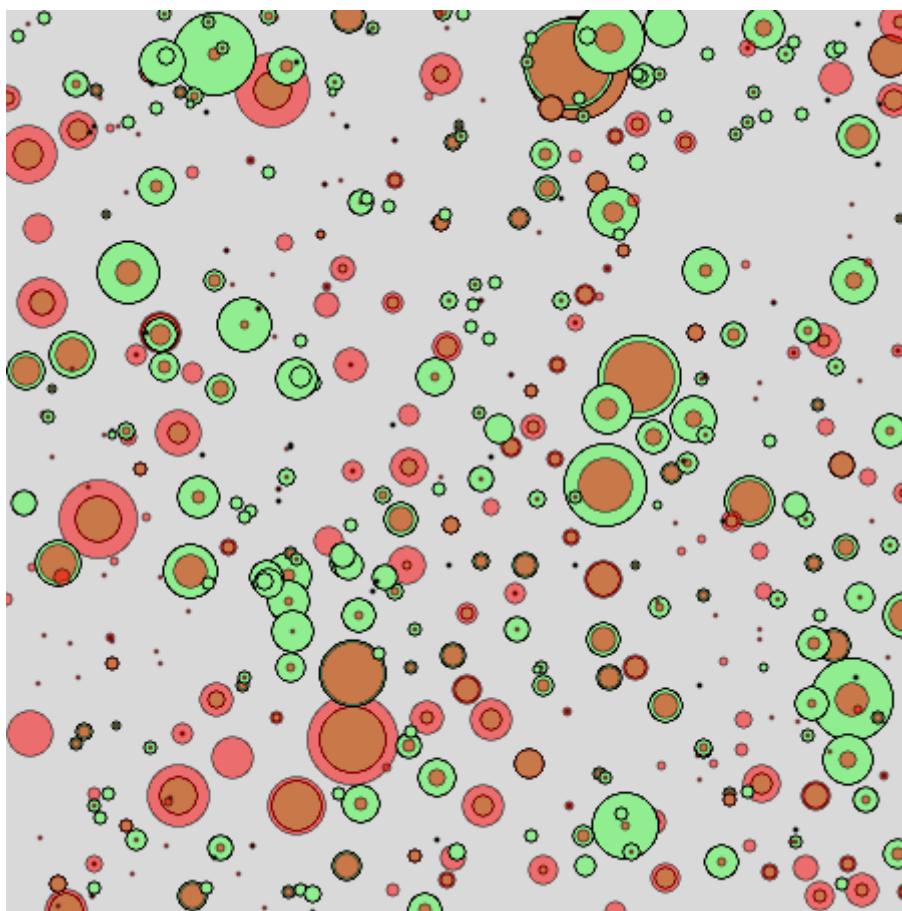
Description:
Overlay of economic and habitat value: red circles (economic value), green circles (habitat value); circle size according to numerical values (e.g. large circles mean high values); trees with very low values are not visible. Trees where both values overlap considerably represent so called "conflict trees".

Removed trees

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
common beech (681) [REPLACE_DEAD]Fagus sylvatica	58	0.26	2.6	74	30	Regeneration
Turkey oak (763) [REPLACE_DEAD]Quercus cerris	47	0.17	2	67	42	Competitor
hornbeam (116) [REPLACE_DEAD]Carpinus betulus	46	0.17	2.1	62	0	Regeneration
Turkey oak (757) [REPLACE_DEAD]Quercus cerris	46	0.17	2.2	74	0	Competitor
Turkey oak (621) [REPLACE_DEAD]Quercus cerris	45.5	0.16	1.4	45	106	Competitor
Turkey oak (310) [REPLACE_DEAD]Quercus cerris	44.5	0.16	1.6	54	72	Competitor
Turkey oak (477) [REPLACE_DEAD]Quercus cerris	44	0.15	1.7	58	14	Regeneration
Turkey oak (522) [REPLACE_DEAD]Quercus cerris	43.5	0.15	1.6	54	72	Competitor
Turkey oak (511) [REPLACE_DEAD]Quercus cerris	43	0.15	1.6	55	44	Competitor
Turkey oak (178) [REPLACE_DEAD]Quercus cerris	41	0.13	1.5	50	0	Competitor
Turkey oak (464) [REPLACE_DEAD]Quercus cerris	41	0.13	1.7	57	24	Competitor
Turkey oak (694) [REPLACE_DEAD]Quercus cerris	39	0.12	1.6	53	87	Regeneration
Turkey oak (609) [REPLACE_DEAD]Quercus cerris	38	0.11	0.9	31	44	Competitor
Turkey oak (547) [REPLACE_DEAD]Quercus cerris	38	0.11	1.2	39	24	Competitor
common beech (110) [REPLACE_DEAD]Fagus sylvatica	37	0.11	1.3	36	20	Regeneration
common beech (156) [REPLACE_DEAD]Fagus sylvatica	36	0.1	1.4	39	8	Regeneration
Turkey oak (802) [REPLACE_DEAD]Quercus cerris	36	0.1	1.2	39	28	Competitor
Turkey oak (489) [REPLACE_DEAD]Quercus cerris	34.5	0.09	0.9	32	27	Competitor
common beech (174) [REPLACE_DEAD]Fagus sylvatica	34	0.09	1.2	32	0	Competitor
Turkey oak (466) [REPLACE_DEAD]Quercus cerris	34	0.09	1	33	24	Regeneration

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
Turkey oak (370) [REPLACE_DEAD]Quercus cerris	33.5	0.09	1.1	35	24	Competitor
Turkey oak (673) [REPLACE_DEAD]Quercus cerris	33	0.09	1	33	0	Competitor
common beech (147) [REPLACE_DEAD]Fagus sylvatica	32	0.08	1	27	0	Regeneration
Turkey oak (435) [REPLACE_DEAD]Quercus cerris	31.5	0.08	0.8	28	46	Competitor
common ash (357) [REPLACE_DEAD]Fraxinus excelsior	31	0.08	0.7	19	0	Competitor
hornbeam (589) [REPLACE_DEAD]Carpinus betulus	30	0.07	0.6	19	72	Competitor
Turkey oak (442) [REPLACE_DEAD]Quercus cerris	29	0.07	0.6	22	0	Competitor
Turkey oak (444) [REPLACE_DEAD]Quercus cerris	29	0.07	0.6	20	28	Competitor
Turkey oak (308) [REPLACE_DEAD]Quercus cerris	28.5	0.06	0.6	19	32	Competitor
Turkey oak (457) [REPLACE_DEAD]Quercus cerris	27.5	0.06	0.7	22	28	Regeneration
Turkey oak (386) [REPLACE_DEAD]Quercus cerris	27.5	0.06	0.6	22	24	Competitor
common beech (109) [REPLACE_DEAD]Fagus sylvatica	27	0.06	0.5	14	32	Competitor
Turkey oak (562) [REPLACE_DEAD]Quercus cerris	27	0.06	0.5	17	24	Competitor
common beech (38) [REPLACE_DEAD]Fagus sylvatica	27	0.06	0.6	18	26	Competitor
hornbeam (71) [REPLACE_DEAD]Carpinus betulus	27	0.06	0.6	17	8	Competitor
Turkey oak (560) [REPLACE_DEAD]Quercus cerris	27	0.06	0.6	18	0	Competitor
Turkey oak (335) [REPLACE_DEAD]Quercus cerris	26	0.05	0.5	17	36	Competitor
Turkey oak (569) [REPLACE_DEAD]Quercus cerris	25	0.05	0.5	16	0	Competitor
Italian maple (27) [REPLACE_DEAD]Acer opalus	24.5	0.05	0.4	9	44	Competitor
Turkey oak (499) [REPLACE_DEAD]Quercus cerris	24	0.05	0.5	16	36	Competitor

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
common beech (90) [REPLACE_DEAD]Fagus sylvatica	24	0.05	0.5	14	0	Regeneration
Turkey oak (526) [REPLACE_DEAD]Quercus cerris	24	0.05	0.4	14	43	Competitor
Turkey oak (289) [REPLACE_DEAD]Quercus cerris	23	0.04	0.3	9	0	Competitor
common beech (732) [REPLACE_DEAD]Fagus sylvatica	23	0.04	0.4	11	24	Competitor
Turkey oak (428) [REPLACE_DEAD]Quercus cerris	23	0.04	0.4	12	52	Competitor
Turkey oak (36) [REPLACE_DEAD]Quercus cerris	22	0.04	0.4	13	20	Competitor
common beech (186) [REPLACE_DEAD]Fagus sylvatica	22	0.04	0.3	8	8	Competitor
hornbeam (222) [REPLACE_DEAD]Carpinus betulus	22	0.04	0.3	9	8	Competitor
common beech (78) [REPLACE_DEAD]Fagus sylvatica	22	0.04	0.3	10	0	Competitor
Turkey oak (498) [REPLACE_DEAD]Quercus cerris	21.5	0.04	0.5	15	36	Competitor
hornbeam (220) [REPLACE_DEAD]Carpinus betulus	21.5	0.04	0.3	10	28	Regeneration
Turkey oak (800) [REPLACE_DEAD]Quercus cerris	21	0.04	0.3	9	26	Competitor
Turkey oak (747) [REPLACE_DEAD]Quercus cerris	21	0.04	0.3	9	36	Competitor
Turkey oak (556) [REPLACE_DEAD]Quercus cerris	21	0.04	0.3	12	0	Competitor
Turkey oak (500) [REPLACE_DEAD]Quercus cerris	20.5	0.03	0.3	9	0	Competitor
common ash (62) [REPLACE_DEAD]Fraxinus excelsior	20	0.03	0.4	11	0	Competitor
hornbeam (214) [REPLACE_DEAD]Carpinus betulus	20	0.03	0.2	7	36	Competitor
common beech (34) [REPLACE_DEAD]Fagus sylvatica	20	0.03	0.3	9	24	Competitor
Turkey oak (388) [REPLACE_DEAD]Quercus cerris	19.5	0.03	0.2	8	24	Structure
Turkey oak (239) [REPLACE_DEAD]Quercus cerris	19	0.03	0.2	7	0	Competitor

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
Lobels maple (162) [REPLACE_DEAD]Acer lobelii	19	0.03	0.3	9	8	Regeneration
Turkey oak (527) [REPLACE_DEAD]Quercus cerris	19	0.03	0.2	7	0	Competitor
small-leaved lime (676) [REPLACE_DEAD]Tilia cordata	19	0.03	0.2	5	0	Competitor
common beech (47) [REPLACE_DEAD]Fagus sylvatica	19	0.03	0.3	8	0	Competitor
common beech (93) [REPLACE_DEAD]Fagus sylvatica	19	0.03	0.3	8	0	Competitor
common beech (185) [REPLACE_DEAD]Fagus sylvatica	18	0.03	0.2	5	24	Competitor
Turkey oak (443) [REPLACE_DEAD]Quercus cerris	18	0.03	0.2	7	30	Competitor
sycamore maple (393) [REPLACE_DEAD]Acer pseudoplatanus	17.5	0.02	0.1	4	24	Competitor
Lobels maple (317) [REPLACE_DEAD]Acer lobelii	17	0.02	0.2	4	24	Regeneration
hornbeam (687) [REPLACE_DEAD]Carpinus betulus	17	0.02	0.2	6	18	Competitor
hornbeam (84) [REPLACE_DEAD]Carpinus betulus	17	0.02	0.2	6	14	Regeneration
common ash (402) [REPLACE_DEAD]Fraxinus excelsior	16.5	0.02	0.2	5	8	Competitor
hornbeam (212) [REPLACE_DEAD]Carpinus betulus	16	0.02	0.2	6	0	Regeneration
hornbeam (72) [REPLACE_DEAD]Carpinus betulus	16	0.02	0.2	5	0	Competitor
Turkey oak (454) [REPLACE_DEAD]Quercus cerris	16	0.02	0.2	6	0	Regeneration
Turkey oak (431) [REPLACE_DEAD]Quercus cerris	15.5	0.02	0.1	5	24	Competitor
hornbeam (52) [REPLACE_DEAD]Carpinus betulus	15.5	0.02	0.1	4	0	Regeneration
hornbeam (142) [REPLACE_DEAD]Carpinus betulus	15	0.02	0.2	5	18	Competitor
hornbeam (64) [REPLACE_DEAD]Carpinus betulus	15	0.02	0.1	4	0	Competitor
Turkey oak (495) [REPLACE_DEAD]Quercus cerris	14	0.02	0.1	4	0	Regeneration

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
Italian maple (529) [REPLACE_DEAD]Acer opalus	14	0.02	0.1	3	0	Competitor
Italian maple (748) [REPLACE_DEAD]Acer opalus	14	0.02	0.1	2	0	Competitor
Turkey oak (554) [REPLACE_DEAD]Quercus cerris	14	0.02	0.1	4	0	Competitor
hornbeam (54) [REPLACE_DEAD]Carpinus betulus	14	0.02	0.2	5	0	Competitor
small-leaved lime (303) [REPLACE_DEAD]Tilia cordata	14	0.02	0.1	2	0	Structure
Turkey oak (80) [REPLACE_DEAD]Quercus cerris	14	0.02	0.2	6	0	Competitor
Italian maple (759) [REPLACE_DEAD]Acer opalus	14	0.02	0.1	3	36	Competitor
Turkey oak (497) [REPLACE_DEAD]Quercus cerris	13.5	0.01	0.1	3	0	Competitor
Italian maple (226) Acer opalus	13	0.01	0.1	3	0	Competitor
Lobels maple (572) [REPLACE_DEAD]Acer lobelii	13	0.01	0.1	2	0	Regeneration
hornbeam (55) [REPLACE_DEAD]Carpinus betulus	13	0.01	0.1	3	0	Regeneration
hornbeam (408) [REPLACE_DEAD]Carpinus betulus	13	0.01	0.1	3	0	Competitor
common ash (731) [REPLACE_DEAD]Fraxinus excelsior	13	0.01	0.1	3	0	Competitor
sycamore maple (507) [REPLACE_DEAD]Acer pseudoplatanus	13	0.01	0.1	2	8	Competitor
hornbeam (51) [REPLACE_DEAD]Carpinus betulus	13	0.01	0.1	3	0	Competitor
hornbeam (67) [REPLACE_DEAD]Carpinus betulus	13	0.01	0.1	3	0	Competitor
common beech (733) [REPLACE_DEAD]Fagus sylvatica	13	0.01	0.1	2	0	Competitor
Turkey oak (369) [REPLACE_DEAD]Quercus cerris	12.5	0.01	0.1	3	0	Competitor
hornbeam (66) [REPLACE_DEAD]Carpinus betulus	12	0.01	0.1	3	0	Competitor
common beech (86) [REPLACE_DEAD]Fagus sylvatica	12	0.01	0.1	2	0	Structure

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
hornbeam (125) [REPLACE_DEAD]Carpinus betulus	12	0.01	0.1	3	0	Competitor
Turkey oak (367) [REPLACE_DEAD]Quercus cerris	12	0.01	0.1	3	0	Competitor
field maple (61) [REPLACE_DEAD]Acer campestre	12	0.01	0.1	2	0	Competitor
Italian maple (530) [REPLACE_DEAD]Acer opalus	12	0.01	0.1	2	0	Competitor
European hop-hornbeam (227) [REPLACE_DEAD]Ostrya carpinifolia	12	0.01	0.1	2	0	Competitor
hornbeam (237) [REPLACE_DEAD]Carpinus betulus	12	0.01	0.1	3	0	Competitor
hornbeam (717) [REPLACE_DEAD]Carpinus betulus	12	0.01	0.1	3	8	Competitor
Italian maple (94) [REPLACE_DEAD]Acer opalus	12	0.01	0.1	3	0	Competitor
Italian maple (686) [REPLACE_DEAD]Acer opalus	12	0.01	0.1	3	0	Competitor
common beech (719) [REPLACE_DEAD]Fagus sylvatica	12	0.01	0.1	3	0	Competitor
common beech (356) [REPLACE_DEAD]Fagus sylvatica	12	0.01	0.1	2	0	Competitor
Lobels maple (316) [REPLACE_DEAD]Acer lobelii	12	0.01	0.1	2	53	Competitor
Italian maple (433) [REPLACE_DEAD]Acer opalus	12	0.01	0.1	2	0	Competitor
common beech (49) [REPLACE_DEAD]Fagus sylvatica	11.5	0.01	0.1	2	0	Competitor
hornbeam (215) [REPLACE_DEAD]Carpinus betulus	11.5	0.01	0.1	3	0	Competitor
Turkey oak (490) [REPLACE_DEAD]Quercus cerris	11.5	0.01	0.1	2	8	Competitor
Italian maple (423) [REPLACE_DEAD]Acer opalus	11.5	0.01	0.1	2	0	Competitor
hornbeam (65) [REPLACE_DEAD]Carpinus betulus	11.3	0.01	0.1	2	0	Competitor
sycamore maple (352) [REPLACE_DEAD]Acer pseudoplatanus	11	0.01	0.1	2	24	Competitor
Italian maple (106) [REPLACE_DEAD]Acer opalus	11	0.01	0.1	2	0	Competitor

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
hornbeam (74) [REPLACE_DEAD]Carpinus betulus	11	0.01	0.1	3	0	Competitor
small-leaved lime (304) [REPLACE_DEAD]Tilia cordata	11	0.01	0.1	1	0	Competitor
hornbeam (219) [REPLACE_DEAD]Carpinus betulus	10.5	0.01	0.1	2	8	Competitor
common ash (401) Fraxinus excelsior	10.5	0.01	0	1	0	Competitor
common beech (354) [REPLACE_DEAD]Fagus sylvatica	10.5	0.01	0	1	4	Competitor
hornbeam (124) [REPLACE_DEAD]Carpinus betulus	10.5	0.01	0.1	2	0	Competitor
common ash (695) [REPLACE_DEAD]Fraxinus excelsior	10	0.01	0.1	2	0	Competitor
Lobels maple (445) [REPLACE_DEAD]Acer lobelii	10	0.01	0	1	0	Competitor
hornbeam (449) [REPLACE_DEAD]Carpinus betulus	10	0.01	0	1	28	Competitor
Turkey oak (409) [REPLACE_DEAD]Quercus cerris	10	0.01	0.1	2	0	Competitor
Turkey oak (561) [REPLACE_DEAD]Quercus cerris	10	0.01	0	1	0	Competitor
hornbeam (684) [REPLACE_DEAD]Carpinus betulus	10	0.01	0.1	2	0	Competitor
common beech (355) [REPLACE_DEAD]Fagus sylvatica	10	0.01	0	1	0	Competitor
hornbeam (218) [REPLACE_DEAD]Carpinus betulus	10	0.01	0.1	2	0	Competitor
Italian maple (761) [REPLACE_DEAD]Acer opalus	10	0.01	0.1	1	0	Competitor
common beech (721) [REPLACE_DEAD]Fagus sylvatica	10	0.01	0.1	2	0	Competitor
common beech (81) [REPLACE_DEAD]Fagus sylvatica	10	0.01	0	1	0	Competitor
common beech (187) [REPLACE_DEAD]Fagus sylvatica	10	0.01	0	1	0	Competitor
hornbeam (566) [REPLACE_DEAD]Carpinus betulus	10	0.01	0	1	0	Competitor
Italian maple (749) [REPLACE_DEAD]Acer opalus	10	0.01	0	1	0	Competitor

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
Italian maple (426) [REPLACE_DEAD]Acer opalus	9.5	0.01	0	1	0	Competitor
European hop-hornbeam (299) [REPLACE_DEAD]Ostrya carpinifolia	9	0.01	0	1	8	Competitor
common beech (685) [REPLACE_DEAD]Fagus sylvatica	9	0.01	0	1	0	Competitor
hornbeam (126) [REPLACE_DEAD]Carpinus betulus	9	0.01	0	1	0	Competitor
common beech (152) [REPLACE_DEAD]Fagus sylvatica	9	0.01	0	1	0	Regeneration
field maple (359) Acer campestre	9	0.01	0	1	24	Competitor
Italian maple (506) [REPLACE_DEAD]Acer opalus	9	0.01	0	1	0	Competitor
sycamore maple (679) [REPLACE_DEAD]Acer pseudoplatanus	9	0.01	0	1	0	Competitor
Turkey oak (619) [REPLACE_DEAD]Quercus cerris	9	0.01	0	1	0	Competitor
sycamore maple (400) [REPLACE_DEAD]Acer pseudoplatanus	9	0.01	0	1	0	Competitor
Lobels maple (383) [REPLACE_DEAD]Acer lobelii	9	0.01	0	1	0	Competitor
Italian maple (635) [REPLACE_DEAD]Acer opalus	8.5	0.01	0	1	0	Competitor
Italian maple (485) [REPLACE_DEAD]Acer opalus	8.5	0.01	0	1	0	Competitor
common ash (559) [REPLACE_DEAD]Fraxinus excelsior	8.5	0.01	0	1	0	Competitor
sycamore maple (399) [REPLACE_DEAD]Acer pseudoplatanus	8.5	0.01	0	1	0	Competitor
hazel (405) Corylus avellana	8.5	0.01	0	1	0	Competitor
hornbeam (564) [REPLACE_DEAD]Carpinus betulus	8.5	0.01	0	1	0	Competitor
hornbeam (573) [REPLACE_DEAD]Carpinus betulus	8.5	0.01	0	1	18	Competitor
hornbeam (563) [REPLACE_DEAD]Carpinus betulus	8.5	0.01	0	1	0	Competitor

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
hornbeam (373) [REPLACE_DEAD]Carpinus betulus	8.5	0.01	0	1	0	Competitor
Lobels maple (491) [REPLACE_DEAD]Acer lobelii	8	0.01	0	1	0	Competitor
common beech (734) [REPLACE_DEAD]Fagus sylvatica	8	0.01	0	1	0	Competitor
common beech (42) [REPLACE_DEAD]Fagus sylvatica	8	0.01	0	1	0	Competitor
sycamore maple (678) [REPLACE_DEAD]Acer pseudoplatanus	8	0.01	0	1	0	Competitor
common beech (718) [REPLACE_DEAD]Fagus sylvatica	8	0.01	0	1	0	Competitor
sycamore maple (508) [REPLACE_DEAD]Acer pseudoplatanus	8	0.01	0	1	0	Competitor
hornbeam (448) [REPLACE_DEAD]Carpinus betulus	8	0.01	0	0	0	Competitor
Italian maple (760) Acer opalus	8	0.01	0	1	30	Competitor
hornbeam (450) [REPLACE_DEAD]Carpinus betulus	8	0.01	0	0	0	Competitor
Lobels maple (404) [REPLACE_DEAD]Acer lobelii	8	0.01	0	1	0	Competitor
hornbeam (567) [REPLACE_DEAD]Carpinus betulus	8	0.01	0	1	0	Competitor
common beech (43) [REPLACE_DEAD]Fagus sylvatica	8	0.01	0	1	0	Competitor
hornbeam (372) [REPLACE_DEAD]Carpinus betulus	7.5	0	0	0	0	Competitor
hornbeam (451) [REPLACE_DEAD]Carpinus betulus	7.5	0	0	1	0	Competitor
hornbeam (476) [REPLACE_DEAD]Carpinus betulus	7.5	0	0	1	0	Competitor
Lobels maple (300) [REPLACE_DEAD]Acer lobelii	7.5	0	0	1	0	Competitor
common ash (723) [REPLACE_DEAD]Fraxinus excelsior	7.5	0	0	1	0	Competitor

Retention trees

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
common beech (351) Fagus sylvatica	90	0.64	6.8	190	140	Habitat tree
Turkey oak (811) [REPLACE_DEAD]Quercus cerris	87	0.59	6.5	217	222	Habitat tree
Turkey oak (349) Quercus cerris	85	0.57	3.8	127	144	Habitat tree
common ash (706) [REPLACE_DEAD]Fraxinus excelsior	80	0.5	5.4	144	178	Habitat tree
common beech (48) [REPLACE_DEAD]Fagus sylvatica	77	0.47	4.6	129	76	Habitat tree
common ash (595) [REPLACE_DEAD]Fraxinus excelsior	64	0.32	2.5	67	179	Habitat tree
Turkey oak (68) [REPLACE_DEAD]Quercus cerris	63	0.31	4.8	161	94	Seed tree
Turkey oak (117) [REPLACE_DEAD]Quercus cerris	62	0.3	3.5	118	60	Seed tree
Turkey oak (551) [REPLACE_DEAD]Quercus cerris	61.5	0.3	3.5	116	180	Seed tree
common beech (108) [REPLACE_DEAD]Fagus sylvatica	61	0.29	3.3	93	46	Seed tree
Turkey oak (377) [REPLACE_DEAD]Quercus cerris	59	0.27	3.5	118	109	Habitat tree
common beech (115) [REPLACE_DEAD]Fagus sylvatica	57.5	0.26	3.6	100	51	Seed tree
Turkey oak (534) [REPLACE_DEAD]Quercus cerris	55	0.24	2.4	79	67	Seed tree
common beech (98) [REPLACE_DEAD]Fagus sylvatica	51.5	0.21	2.6	72	116	Habitat tree
small-leaved lime (154) [REPLACE_DEAD]Tilia cordata	51	0.2	1.6	40	68	Habitat tree
Turkey oak (301) [REPLACE_DEAD]Quercus cerris	50.5	0.2	2.4	82	36	Seed tree
Turkey oak (762) [REPLACE_DEAD]Quercus cerris	49	0.19	2.5	84	87	Habitat tree
Turkey oak (127) [REPLACE_DEAD]Quercus cerris	49	0.19	2.4	80	43	Habitat tree
Turkey oak (492) [REPLACE_DEAD]Quercus cerris	46	0.17	1.9	64	51	Seed tree
Turkey oak (387) [REPLACE_DEAD]Quercus cerris	46	0.17	2	66	35	Habitat tree
hornbeam (144)	44	0.15	1.7	50	129	Habitat tree

Tree	DBH (cm)	Basal area (m²)	Volume (m³)	Economic value (€)	Habitat value (pts.)	Reason
[REPLACE_DEAD]Carpinus betulus						
Turkey oak (509) [REPLACE_DEAD]Quercus cerris	42	0.14	1.5	51	67	Habitat tree
Italian maple (447) Acer opalus	38.5	0.12	0.8	21	138	Habitat tree
Italian maple (195) [REPLACE_DEAD]Acer opalus	38	0.11	1.1	30	80	Seed tree
Turkey oak (311) [REPLACE_DEAD]Quercus cerris	35	0.1	1	33	38	Habitat tree
Turkey oak (73) [REPLACE_DEAD]Quercus cerris	30	0.07	0.8	27	24	Seed tree
common ash (177) [REPLACE_DEAD]Fraxinus excelsior	27	0.06	0.5	14	8	Seed tree
Italian maple (30) [REPLACE_DEAD]Acer opalus	26.5	0.06	0.4	10	24	Habitat tree
European hop-hornbeam (223) [REPLACE_DEAD]Ostrya carpinifolia	25	0.05	0.4	12	0	Seed tree
hornbeam (76) [REPLACE_DEAD]Carpinus betulus	17	0.02	0.2	7	0	Seed tree