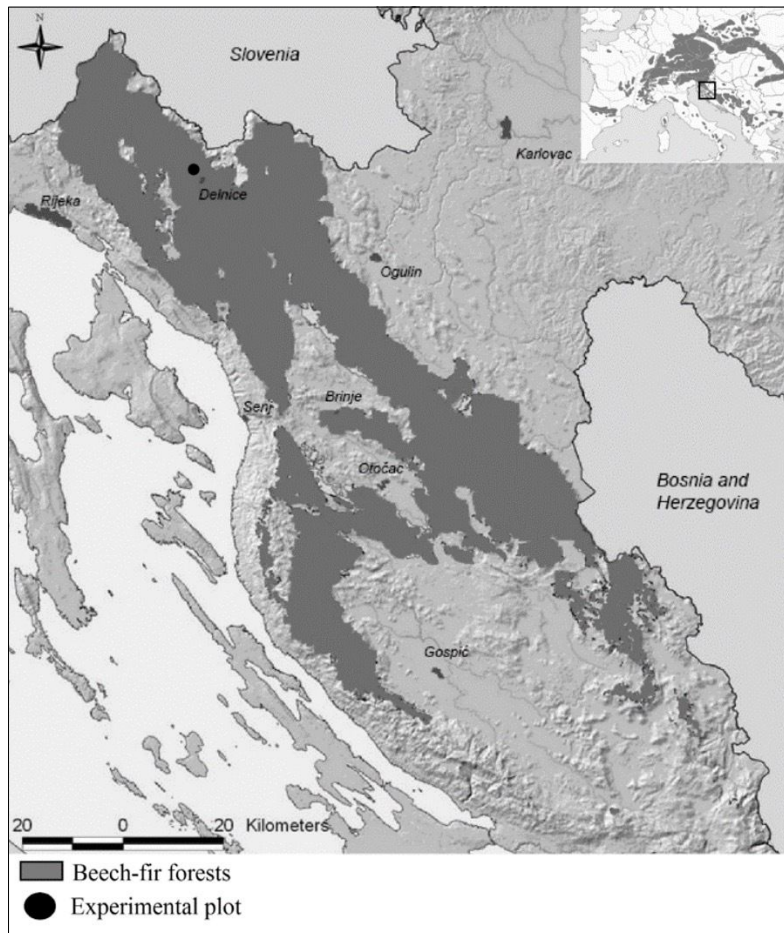


Supplementary Material

Fig. S1 - Map of the Gorski kotar forest region and research site location.



Tab. S1 - Overview of general and stand structure characteristics of the studied selection fir-beech forests in Gorski kotar region. Numbers in parentheses denote standard deviations. Source: National Forest Inventory - CRONFI. (BA): basal area; (SV): standing volume; (SDT): small-diameter trees; (LDT): large-diameter trees.

		Fir-beech forests in Gorski kotar region		First fourth of highest stocked stands in the forests	
(A) General characteristics:					
Dominant bedrock		Limestone and dolomite		Limestone and dolomite	
Dominant soil type		Cambisols and limestons, luvisols, calcomelanosol		Cambisols and limestons, luvisols, calcomelanosol	
Dominant forest type		<i>Abieti-Fagetum</i>		<i>Abieti-Fagetum</i>	
Forest area (ha)		37,130		ca. 9,280	
Number of NFI plots		78		20	
Altitude a.s.l. (m)		914 (146)		940 (116)	
Slope (°)		18.4 (7.9)		21.2 (7.1)	
Aspect (°)		204 (115)		164 (117)	
Rockiness (%)		37 (30)		41.3 (31.2)	
(B) Stand structure characteristics					
		Overall	Silver fir	Overall	Silver fir
Overall	BA (dbh ≥10 cm, m ² ha ⁻¹)	34.49 (10.09)	14.4 (9.9)	45.97 (7.00)	22.25 (12.42)
	SV (dbh ≥10 cm, m ³ ha ⁻¹)	417.5 (144.1)	183.7 (139.5)	610.3 (81.6)	321.0 (179.0)
SDT	BA (dbh 10-30 cm, m ² ha ⁻¹)	9.33 (7.13)	4.88 (4.29)	12.42 (10.21)	6.10 (4.01)
	SV (dbh 10-30 cm, m ³ ha ⁻¹)	77.3 (73.1)	38.6 (40.5)	117.0 (116.5)	48.9 (41.2)
LDT	BA (dbh ≥50 cm, m ² ha ⁻¹)	14.11 (6.60)	8.92 (6.46)	18.16 (8.50)	13.93 (8.37)
	SV (dbh ≥50 cm, m ³ ha ⁻¹)	212.4 (111.8)	137.4 (107.3)	290.7 (141.2)	228.0 (140.0)
Sapling density (ha ⁻¹)	dbh ≥5 cm and <10 cm	263 (416)	57 (166)	208 (364)	39 (127)
	h >130 cm and dbh <10 cm	1,989 (2,522)	122 (446)	1,675 (2,501)	80 (245)