

PLACE YOUR INPUT HERE	
	NUMBER OF SITES REPORTED: 3
SITE 1	Kladje
GEOGRAPHICAL LOCATION	
geographical latitude	46° 28' N
geographical longitude	15° 24' E
elevation above mean sea level	1100 m
approx. site slope (degree) and direction	0
CLIMATE DATA	
annual mean temperature (C)	7.6
annual mean precipitation amount (mm)	1200
monthly precipitation	available
monthly mean temperature	available
global radiation	available
net radiation	available
photosynthetically active radiation	not available
wind speed/direction	available
soil water content	available
soil temperature	not available
SOIL DATA	
soil type	Dystric Cambisol (Distric braun soil on non-carbonate parent material)
physical properties of the soil	sand (2 - 0,05 mm) 63 %, coarse loam (0,02-0,05 mm) 8.1 %, fine loam (0,002-0,02 mm) 14.4 %, clay (C56<0,002 mm) 14.5 %
soil depth	60 cm
organic content of the soil	3.7%
soil pH	4.1
other site specific soil data that might have importance	
VEGETATION TYPE [VT]	
land use (if FOREST, indicate the definition adopted: min surface, cover, etc.)	Spruce monoculture with underplanted beech, Forest and semi natural areas after CORINE Landcover Type, Natural vegetation <i>Luzulo albidae-Fagetum</i>
measurement scale/surface (ha)	30 x 30 m
site composition of species	Artificial monoculture with underplanted beech, main species spruce <i>Picea abies</i> (L.) Karst. and beech <i>Fagus sylvatica</i> (L.)
average canopy height	24.4 m spruce
tree density (stems per hectare)	476 spruce
average site Dbh (cm)	34.8 cm
mean stem area (m ²)	0.0914 m2
diameter distribution	unimodal, normal
height-diameter relation or ipsometric curve (age vs. height)	$H = (DBH / (2.11895 + 0.290339 * DBH))^{3+1.3}$
current annual increment (if available)	
stand age	80 years spruce and 10 years underplanted beech
fetch size	n/a
	If you have more plots (e.g. with different ages), please repeat the relevant parameters for each plot
MANAGEMENT	
vegetation type (VT)	Spruce monoculture with underplanted beech
management type (MT)	n/a (managed forest, single selection cutting)
FOREST	logging (if present, m ³ /ha/year)
	merchantable volume
	rotation length
	site disturbance
	fertilization (type, frequency, amount applied, etc.)
	no
	annual nitrogen deposition (kgN/m ² /year)
	10-12 kg/ha - estimation; for 2003: nitrogen in current needles - 11.3 mg/g d.m. (comment: according to the Classification Values for European Foliar Data - FFCC the values for N for current needles belong to the 1 st class 1, the lowest values which indicate low N input and/or nitrogen turnover for certain forest ecosystem)
	any other information on management practice (grazing, irrigation, tillage, waste removal, crop rotation, etc.)
	grazing of red deer is present outside the fence
SITE 2	
Snežna jama	
GEOGRAPHICAL LOCATION	
geographical latitude	45.65° N
geographical longitude	15.02 E
elevation above mean sea level	890 m
approx. site slope (degree) and direction	0

CLIMATE DATA		
	annual mean temperature (C)	8.4
	annual mean precipitation amount (mm)	1500
	monthly precipitation	available
	monthly mean temperature	available
	global radiation	not available
	net radiation	not available
	photosynthetically active radiation	not available
	wind speed/direction	available
	soil water content	available
	soil temperature	available
SOIL DATA		
	soil type	Eutric Cambisols (Brown soils on limestone and/or dolomite) and Rendzic Le
	physical properties of the soil	loam
	soil depth	max 40 cm
	organic content of the soil	4%
	soil pH	6.1
	other site specific soil data that might have importance	37 % soil rock content
VEGETATION TYPE [VT]		
	land use (if FOREST, indicate the definition adopted: min surface, cover, etc.)	Natural mountain forest, Forest and semi natural areas after CORINE Landcover Type, Natural vegetation <i>Omphalodo-Fagetum</i>
	measurement scale/surface (ha)	30 x 30 m
	site composition of species	Natural mountain forest, Mixed forest, main species beech <i>Fagus sylvatica</i> (L.) – 25 % of stem volume, silver fir <i>Abies alba</i> (Mill.) 55 % of stem volume, spruce <i>Picea abies</i> (L.) Karst. 15 % of stem volume and maple <i>Acer pseudoplatanus</i> (L.) 5 % of stem volume
S P E C I F I C F O R E S T	average canopy height	24
	tree density (stems per hectare)	435 n/ha
	average site Dbh (cm)	26.15
	mean stem area (m ²)	17.1 basal area
	diameter distribution	
	height-diameter relation or ipsometric curve (age vs. height)	
	current annual increment (if available)	5.9 m ³ /ha
	stand age	
	fetch size	
	if you have more plots (e.g. with different ages), please repeat the relevant parameters for each plot	
MANAGEMENT		
	vegetation type (VT)	Natural mountain forest, Mixed forest
	management type (MT)	n/a (managed forest, single selection cutting, natural regeneration)
FOREST	logging (if present, m ³ /ha/year)	8.9 m ³ /ha/1998; 2.0 m ³ /ha/1999; 1.8 m ³ /ha/2000; 6.1 m ³ /ha/2002; 4.0 m ³ /ha/2004; 173.5 m ³ /ha/2006
	merchantable volume	
	rotation length	
	site disturbance	
	fertilization (type, frequency, amount applied, etc.)	
	annual nitrogen deposition (kgN/m ² /year)	measured for period may-october for 2001 and 2002: 7,5 and 8,3 kg of N-NO ₃ and N-NH ₃ ha ⁻¹ defined period ⁻¹ (comment: measurements were performed in the gap centre; gap with 40m diameter was formed by cutting, but is still not directly comparable with open area bulk precipitation measurements)
	any other information on management practice (grazing, irrigation, tillage, waste removal, crop rotation, etc.)	grazing of red deer is present on the plot
SITE 3		
		Rajhenav
GEOGRAPHICAL LOCATION		
	geographical latitude	45,66° N
	geographical longitude	15,01 E
	elevation above mean sea level	900 m
	approx. site slope (degree) and direction	0
CLIMATE DATA		
	annual mean temperature (C)	8.4
	annual mean precipitation amount (mm)	1500
	monthly precipitation	available
	monthly mean temperature	available
	global radiation	not available
	net radiation	not available
	photosynthetically active radiation	not available
	wind speed/direction	available
	soil water content	available

	soil temperature	not available
SOIL DATA		
	soil type	Eutric Cambisols (Brown soils on limestone and/or dolomite) and Rendzic Le
	physical properties of the soil	loam - clay loam
	soil depth	max 40 cm
	organic content of the soil	4.8%
	soil pH	5.7
	other site specific soil data that might have importance	36 % soil rock content
VEGETATION TYPE [VT]		
	land use (if FOREST, indicate the definition adopted: min surface, cover, etc.)	Natural mountain forest, Forest and semi natural areas after CORINE Landcover Type, Natural vegetation <i>Omphalodo-Fagetum</i>
	measurement scale/surface (ha)	30 x 30 m
	site composition of species	Natural mountain forest, Mixed forest, main species beech <i>Fagus sylvatica</i> (L.) -- 43 % of stem volume, silver fir <i>Abies alba</i> (Mill.) 57 % of stem volume and the rest spruce <i>Picea abies</i> (L.) Karst. and maple <i>Acer pseudoplatanus</i> (L.)
S P E C I F I C F O R E S T	average canopy height	28
	tree density (stems per hectare)	207 n/ha
	average site Dbh (cm)	27
	mean stem area (m ²)	13.8 basal area
	diameter distribution	
	height-diameter relation or ipsometric curve (age vs. height)	
	current annual increment (if available)	
	stand age	
	fetch size	
	If you have more plots (e.g. with different ages), please repeat the relevant parameters for each plot	
MANAGEMENT		
	vegetation type (VT)	Natural mountain forest, Mixed forest
	management type (MT)	no management, virgin forest remnant since 1894!!!!!!
FOREST	logging (if present, m ³ /ha/year)	
	merchantable volume	
	rotation length	
	site disturbance	
	fertilization (type, frequency, amount applied, etc.)	
	annual nitrogen deposition (kgN/m ² /year)	measured for period may-october for 2001 and 2002: 6,5 and 7,5 kg of N-NO ₃ and N-NH ₃ ha ⁻¹ defined period ⁻¹ (comment: measurements were performed in the gap centre where due to the forests remnant forest edge properties could not be directly compared to the open area - bulk precipitation measurements)
	any other information on management practice (grazing, irrigation, tillage, waste removal, crop rotation, etc.)	grazing of red deer is present on the plot