https://doi.org/10.17221/74/2022-JFS

Evaluation of coppice management relics based on coppice stool value variability in the Drahany Highlands

Robert Knott¹, Zdeněk Adamec², Barbora Uherková^{2*}, Jan Kadavý², Michal Kneifl²

Electronic Supplementary Material (ESM)

The authors are fully responsible for both the content and the formal aspects of the electronic supplementary material. No editorial adjustments were made

¹Department of Silviculture, Faculty of Forestry and Wood Technology, Mendel University in Brno, Brno, Czech Republic

²Department of Forest Management and Applied Geoinformatics, Faculty of Forestry and Wood Technology, Mendel University in Brno, Brno, Czech Republic

^{*}Corresponding author: barbora.uherkova@mendelu.cz

https://doi.org/10.17221/74/2022-JFS

Table S1: Basic statistics of tested independent variables

Continuous variable	Average	Standard deviation	Minimum value	Maximum value
Average annual precipitation for the period 1961–1990 (mm)	599.55	23.48	559.68	668.18
Average annual temperature for the period 1961–1990 (°C)	7.79	0.46	6.50	8.59
Average annual precipitation for the period 1991–2014 (mm)	622.43	25.50	576.19	684.70
Average annual temperature for the period 1991–2014 (°C)	8.73	0.44	7.55	9.57
Slope (°)	16.21	9.76	0.47	50.88
Elevation (m a.s.l.)	436.62	78.74	281.60	659.26
Categorical variable	Number of categories		The most frequent category (number of observations)	
Aspect	8		south (80)	
Forest type	63		3B1 (45)	
Forest type group	33		3B (57)	
Vegetation zone	5		3 rd oak-beech (246)	
Ecological series	4		nutrient rich (262)	
Edaphic category	15		rich (120)	
Climate region	5		MT11 (154)	
Biochore	11		3BM (142)	
Bioregion	3		1.52 (249)	
Phytogeographical district	4		71c (201)	
Potential natural vegetation	5		oak-hornbeam and lime-oak wood- lands (250)	
Geobotanical map	8		acidophilous oak woodlands (185)	
Past coppice occurrence probability (Szabó et al. 2015) (%)	4		40-50 (260)	
Past coppice occurrence probability (Maděra et al. 2017a) (%)	3		25.1–50.0 (242)	
The spread of secondary forest management types in the 19th century	6		litter raking (156)	
Changes in the distribution and representation of coppices and coppices-with-standards in the 18th century	4		still coppice (162)	
Changes in the distribution and representation of coppices and coppices-with-standards in the 19th century	4		conversion to high forest (279)	
Historical owner	5		Prince John II Liechtenstein (246)	
Current owner	5		Forests of the Czech Republic, state enterprise (210)	

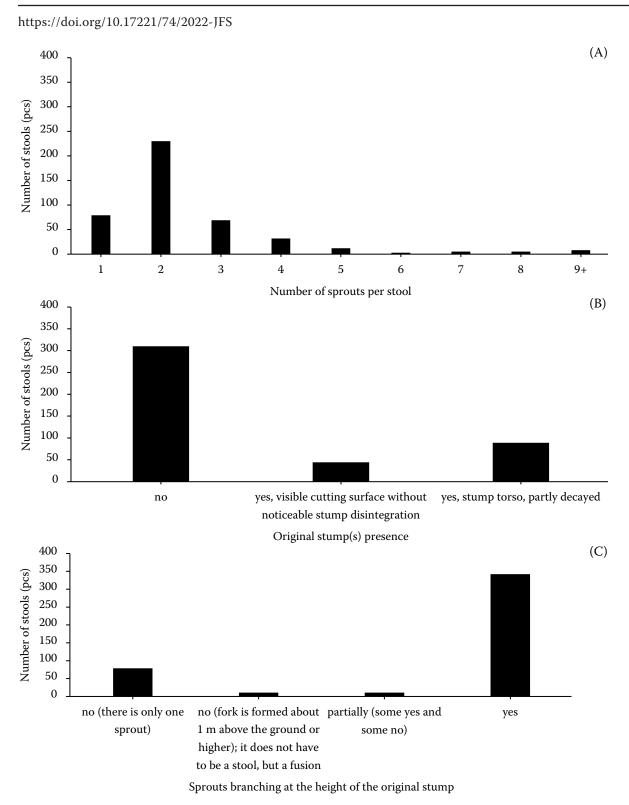


Figure S1: Stool distribution of evaluated morphological features on the stool (A) number of sprouts per stool; (B) original stump(s) presence; (C) sprouts branching at the height of the original stump; (D) visible fusion of sprouts; (E) presence of a dendrothelm

https://doi.org/10.17221/74/2022-JFS

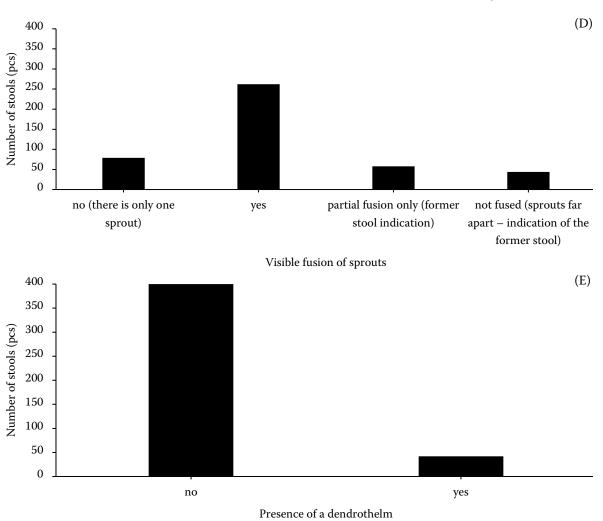


Figure S1. To be continued