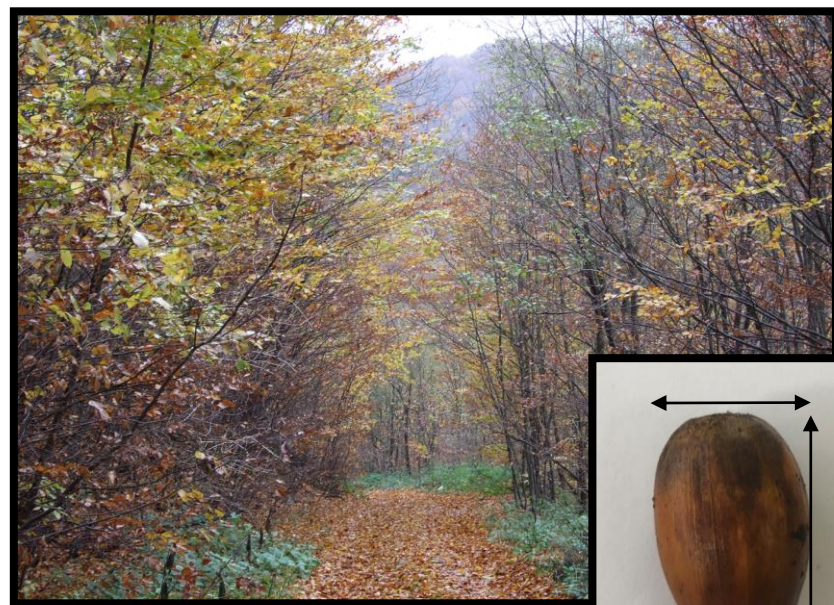


GENETIC DIVERSITY OF SESSILE OAK FROM THE AONB „AVALA“ AREA ESTIMATED ON THE BASIS OF ACORN MORPHOLOGICAL TRAITS



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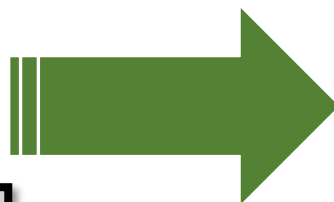
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Quercus petraea forest

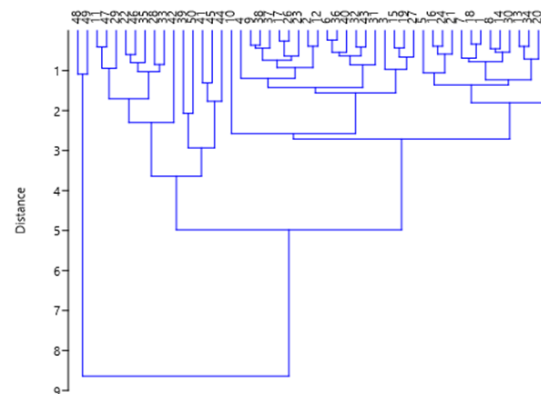


Q. petraea acorn measurements

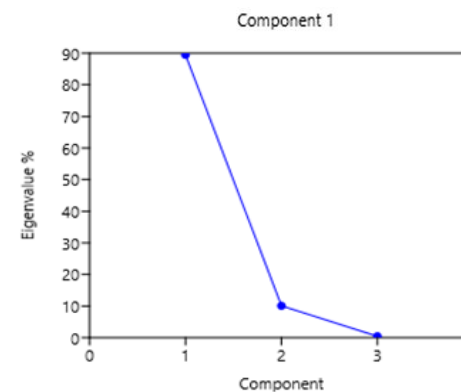
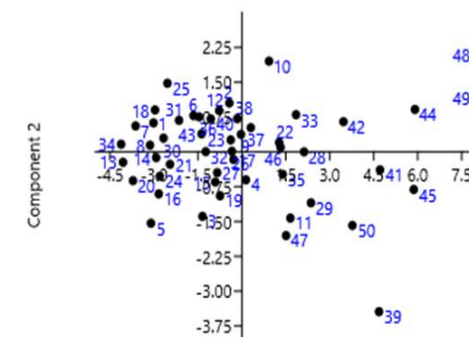


Trait	Mean	Min	Max	SD	CV
Length (mm)	24.7	16.9	40.2	3.5	14.2
Width (mm)	14.5	10.2	31.3	1.9	13.0
Mass (g)	3.3	0.0	20.7	1.4	41.9
Shape index	1.7	0.8	3.0	0.2	12.8
Volume (mm ³)	4260.4	1672.1	19563.7	1698.6	39.9

Descriptive statistics of the measured acorn characteristics



Dendrogram presenting 50 sessile oak test trees grouping



PCA biplot presenting the first two main axis components for sessile oak acorn morphological traits (A); all five main components values with cumulative variability percentage (B).



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