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Methodology of the research mortmass of forest

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Presented the theoretical basis of classification of woody debris components and fine litter of forest spatio-parametric indicators and shown their morphological features. Developed methodological approaches of the integrated assessment of quality indicators of woody debris components (Tabl.), coarse branches and forest litter in accordance to methodology of forest phytomass assessment in Ukraine.

Table. Classification of basic forest components phytomass and mortmass.

№	Components phytomass	№	Components mortmass
1.	Phytomass of stands	1.	Mortmass of snags (I i II classes destruction)
1.1.	Phytomass of stem wood		
1.1.1.	Phytomass of wood	1.1.	Mortmass dead trees
1.1.2.	Phytomass of bark	1.2.	Mortmass of dead branches of living trees
1.2.	Phytomass of crown	2.	Mortmass of logs (I-V classes destruction)
1.2.1.	Phytomass of branches	2.1	Mortmass of logs
1.2.1.1.	Phytomass of fine branches ($d \leq 1$ cm)	2.2	Mortmass of tree stump
		2.3	Mortmass of wood residues after harvesting
1.2.1.1.1.	Wood of fine branches ($d \leq 1$ cm)	3.	Mortmass large branches ($d>$ 1 cm) (I-V classes destruction)
1.2.1.1.2.	Bark of fine branches ($d\leq$ 1 см)	4.	Mortmass of forest litter
1.2.1.2.	Phytomass of large branches ($d>$ 1 cm)	4.1.	Mortmass of fine branches ($d\leq$ 1 cm)
1.2.1.2.1.	Wood of large branches ($d>$ 1 cm)	4.2.	Mortmass of foliage, small pieces of bark, fruits, seeds, etc.
1.2.1.2.2.	Bark of large branches ($d >$ 1 cm)		
1.2.2.	Phytomass of foliage		
2.	Phytomass of understorey	4.3	Mortmass of green forest floor
2.1.	Phytomass of branches		
2.2.	Phytomass of foliage		

3.	Phytomass of green forest floor	5.	Mortmass of understorey (I-V classes destruction)
3.1.	Overground phytomass of green forest floor		
3.2.	Phytomass of коренів green forest floor	6.	Mortmass of roots

The basic stages of field work concerning the research of woody debris in temporary sample plots were presented. The features of sampling mortmass for establish the basic density and completely dry matter content were shown. Indicators completely dry matter content mortmass were used only for research plots, which were selected samples. The characteristic of components mortmass I-V classes destruction were presented. Suggested to carry out the separation of mortmass snags (I-IV group) and woody logs (I-VI group) in the group according to the presence and integrity of components.