ForestBIOTA: Stand structure monitoring
Field Forms

1. General Information

1.1. Country: _____

1.2. Location: _____

1.3. ICP plot ID: _____

1.4. Area of the ICP plot (in hectares): _____

1.5. Field team (name of operators):

_____

_____

1.6. Date: _____

1.7. Prevalent forest type (of the plot (see code list): _____

1.8. Canopy closure (percentage coverage in 5 % steps) of total tree layer(s) > 5m _____%

1.9. Number of tree layers (1. - one layer; 2. - two layers (each min of 10 % coverage); 3. - multilayered (each min of 10 % coverage); 4. – irregular): _____

1.10 Coverage of the tree layers > 5m and coverage of tree species

Layer number	Total coverage of the tree layer* (> 10% coverage)	Average top height [m] of the layer
1		
2		

* In one layered stands: total coverage of the layer = canopy closure.

Coverage of the tree species:

Main tree species (> 10% coverage)**	Coverage in 5 % steps	Layer number
Additional tree species (< 10% coverage) (do not give coverage)		

x
x
x
x
x
x
x

** sum of the coverage of all main tree species in each layer ≤ total coverage of the corresponding tree layer as additional species are not included

1.11. Type of tree species mixture (1. - monoculture, 2. - single tree wise mixture; 3. - group wise mixture; 4. - mixture by layers; 5. - irregular, none of the above):_____

1.12. Ancient forest site (1. - forested since > 300 years; 2. - forested since > 200 years; 3. - forested since > 100 years; 4. - afforested in the past 100 years; 5. - no information): _____

1.13 Intensity of forest management (1. - no sign of management; 2. - signs of past management, abandoned to natural development; 3. – managed): _____

1.14 Management type of forest (– only if 1.13 is 2 or 3) (1. - high forest; 2. - coppice without standards; 3. - coppice with standards; 4. – plantation):_____

1.15. Management method (– only if 1.13 is 2 or 3) (1. - clear cut; 2. - clear cut with reservoirs; 3. - selective cut; 4. – shelterwood):_____

1.16. Is standing dead wood usually removed in the ICP plot? (yes or no): _____

1.17. Is lying dead wood usually removed in the ICP plot? (yes or no): _____

1.18. Age (estimated mode age of trees in years): _____

1.19. Altitude (prevalent altitude of the deadwood plot in meters over the sea level): _____

1.20. Slope (prevalent slope of the deadwood plot in percentage): _____

1.21. Aspect (prevalent aspect of the deadwood plot) (1 = N, 2 = NE, …, 8 = NO, 9 = flat): _____

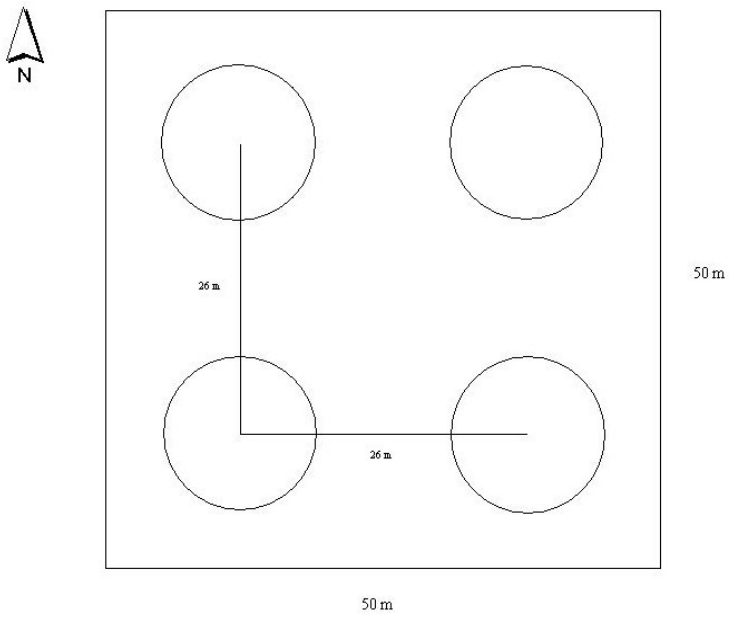
1.22. Coordinate of deadwood plot and subplots in UTM system on WGS84 datum:

Plot	**X**	**Y**
Subplot NW		
Subplot NE		
Subplot SW		
Subplot SE		

Fuse of UTM: _____

2. Deadwood information

DEADWOOD PLOT



2.1. Standing dead wood (minimum DBH ≥ 5 cm)

Species	Snag	DBH (cm)	Height (meters)	Diameter at half snag height (in cm only in the case of snag height ≥ 1.3 m and ≤ 4 m)	Decay level
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				
	☐				

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2.2. Dead downed trees (minimum DBH ≥ 5 cm)

Species	DBH (cm)	Height (meters)	Decay level

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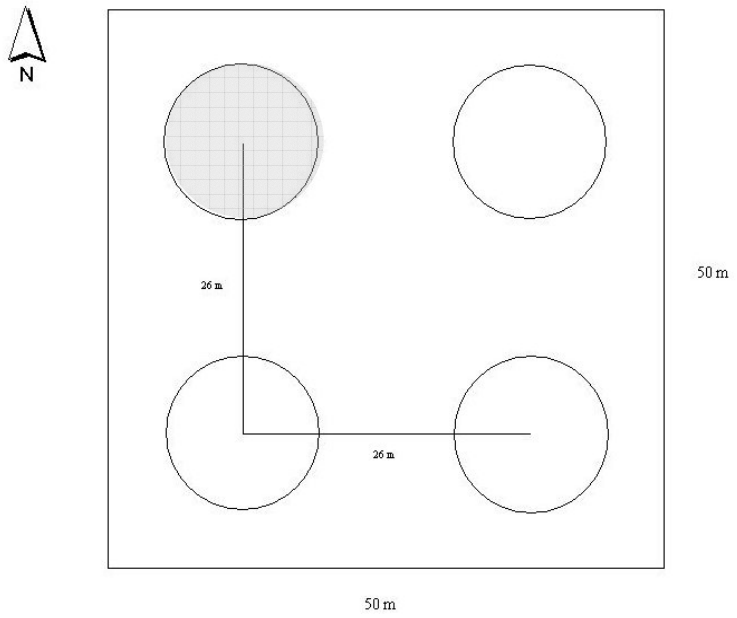
SUBPLOT NUMBER 1 - NW



2.3. Other lying deadwood pieces (diameter at the thicker end ≥ 5 cm)

Species	Median diameter (cm)	Length (meters)	Decay level

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2.4. Stumps (diameter ≥ 10 cm, height < 1.30 m)

Species	Diameter at cut (cm)	Diameter at ground (cm)	Height (cm)	Decay level

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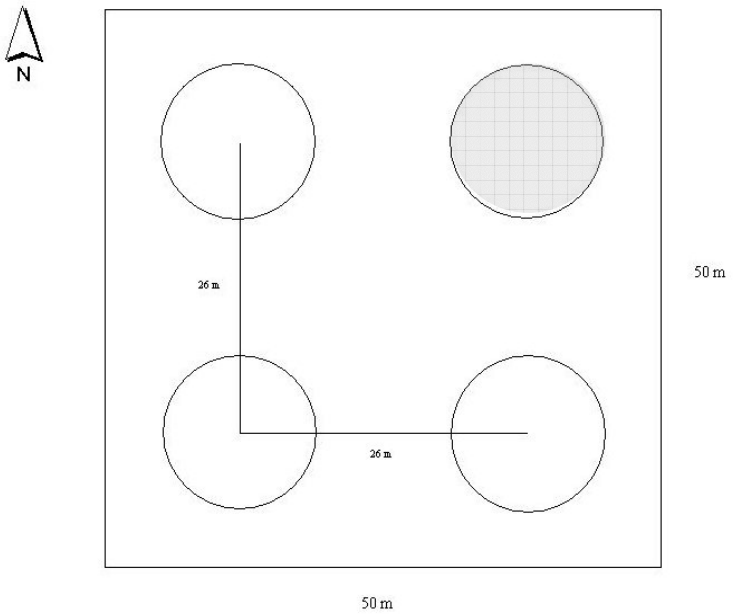
SUBPLOT NUMBER 2 - NE



2.5. **Other lying deadwood pieces (diameter at the thicker end ≥ 5 cm)**

Species	Median diameter (cm)	Length (meters)	Decay level

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2.6. **Stumps (diameter ≥ 10 cm, height < 1.30 m)**

Species	Diameter at cut (cm)	Diameter at ground (cm)	Height (cm)	Decay level

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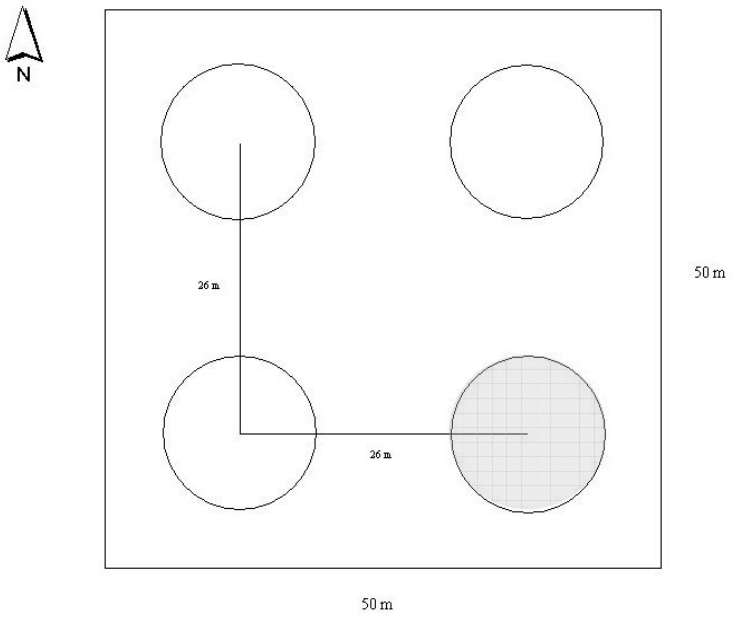
SUBPLOT NUMBER 3 - SE



2.7. **Other lying deadwood pieces (diameter at the thicker end ≥ 5 cm)**

Species	Median diameter (cm)	Length (meters)	Decay level

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2.8. Stumps (diameter ≥ 10 cm, height < 1.30 m)

Species	Diameter at cut (cm)	Diameter at ground (cm)	Height (cm)	Decay level

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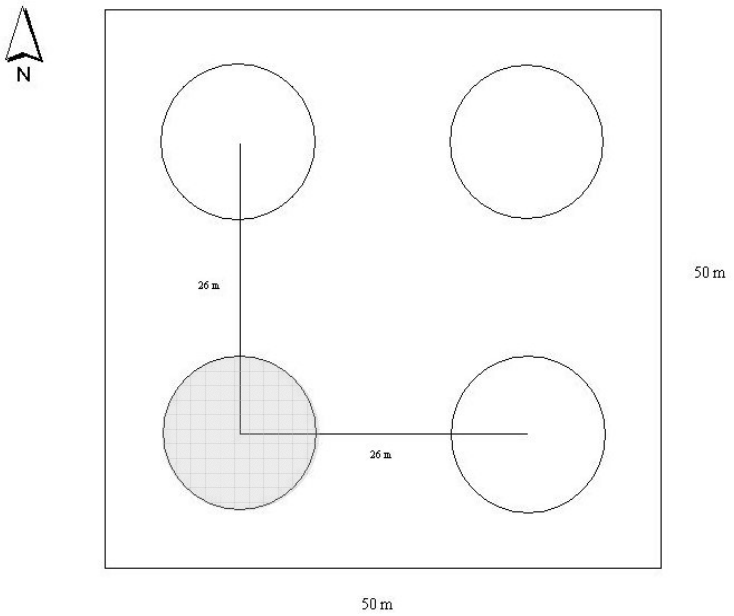
SUBPLOT NUMBER 4 - SW



2.9. Other lying deadwood pieces (diameter at the thicker end ≥ 5 cm)

Species	Median diameter (cm)	Length (meters)	Decay level

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2.10. Stumps (diameter ≥ 10 cm, height < 1.30 m)

Species	Diameter at cut (cm)	Diameter at ground (cm)	Height (cm)	Decay level

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3. Clustered structural group of four assessments
(dublicate this page for each crosspoint)

Crosspoint number: _____

Sample 1

Reference tree			Neighbours			
Number	**species**	**dbh**	*Number*	**species**	**dbh (mm)**	**> standard angle**
			1.			
			2.			
			3.			
			4.			

Sample 2

Reference tree			Neighbours			
Number	**species**	**dbh**	*Number*	**species**	**dbh**	**> standard angle**
			1.			
			2.			
			3.			
			4.			

Sample 3

Reference tree			Neighbours			
Number	**species**	**dbh**	*Number*	**species**	**dbh**	**> standard angle**
			1.			
			2.			
			3.			
			4.			

Sample 4

Reference tree			Neighbours			
Number	**species**	**dbh**	*Number*	**species**	**dbh**	**> standard angle**
			1.			
			2.			
			3.			
			4.			