

Figure S1. Location of Sampling for testing.

Month	Years						
	2015		2016		2017		
	Temperature	Rainfall	Temperature	Rainfall	Temperature	Rainfall	
	°C	mm	°C	mm	°C	mm	
January	0.6	44.0	-4.5	10.9	-6.6	0.4	
February	0.7	1.40	2.5	29.0	-1.3	15.9	
March	4.6	12.0	3.5	33.5	5.5	25.1	
April	8.6	35.2	9.1	28.7	6.9	59.6	
May	13.6	38.6	15.1	54.8	13.9	49.5	
June	17.7	19.2	18.4	36.9	17.8	57.9	
July	20.1	49.0	19.1	35.2	16.9	23.6	
August	22.1	7.5	18.0	31.7	18.4	54.7	
September	15.0	23.4	14.9	13.6	13.9	80.1	
October	7.0	22.8	7.0	69.8	9.0	53.0	
November	4.7	18.7	2.4	19.5	4.1	21.3	
December	3.6	8.2	0	11.3	2.7	15.9	
The average annual	9.9	23.0	8.8	31.2	8.4	38.0	

Table S1. Average values of temperature and precipitation in 2015–2017 (Siedlce district).

Data from the Zawady weather station.

	Depth	Locality				
Forest Type		Golice		Chodów		
	cm	pH KCl	<b>OS</b> %	pH KCl	<b>OS</b> %	
Coniferous forest	forest litter	4.51	78.3	4.01	90.5	
Confierous forest	0-20	3.97	1.57	4.33	1.11	
Desiderers (see al	forest litter	5.19	67.8	4.99	58.0	
Deciduous forest	0-20	4.34	3.20	4.42	1.68	
Mixed forest	forest litter	4.76	81.9	4.77	91.9	
	0-20	4.15	2.42	4.27	3.39	

**Table S2.** The pH value and the content of organic matter in the forest litter and soil samples (averagevalue from the 0-20 cm layer) of the studied forest types.

OS - organic substance.