

Table S1. Species and their frequency (Freq.) and mean cover (Cover) at the DD transect. All recorded tree species are shown, while from other plant species, only the taxa with frequency per 25 plots 4×4 m $\geq 10\%$ or mean cover $\geq 2\%$ in 2016, 2018, or 2020 are presented. Species are ordered alphabetically within the separate groups of trees and other species. The species nomenclature follows the list of non-vascular and vascular plants of Slovakia (Marhold, Hindák 1998) [28].

	Year 2016		Year 2018		Year 2020	
	Freq. (%)	Cover (%)	Freq. (%)	Cover (%)	Freq. (%)	Cover (%)
<i>Acer pseudoplatanus</i>	16	0.5	16	0.5	20	0.6
<i>Betula pendula</i>	48	9.7	56	19.4	68	21.3
<i>Larix decidua</i>	36	14.1	36	19.3	48	18.8
<i>Picea abies</i>	88	20.3	96	25.8	100	29.5
<i>Pinus sylvestris</i>	12	3.3	16	4.8	16	7.0
<i>Populus tremula</i>	12	2.5	12	2.8	12	0.7
<i>Salix capraea</i>	32	5.9	32	5.5	36	2.7
<i>Sorbus aucuparia</i>	52	0.7	44	0.5	48	0.5
<i>Agrostis capillaris</i>	20	3.8	16	2.0	20	3.0
<i>Agrostis stolonifera</i>	4	0.5	4	0.5	4	2.0
<i>Ajuga reptans</i>	4	1.0	4	4.0	4	0.5
<i>Athyrium filix-femina</i>	24	1.9	28	1.9	28	1.4
<i>Avenella flexuosa</i>	96	16.5	100	14.6	100	12.2
<i>Calamagrostis arundinacea</i>	96	35.4	100	38.8	100	44.6
<i>Calamagrostis villosa</i>	28	18.6	24	18.6	28	15.6
<i>Calluna vulgaris</i>	32	1.4	24	1.8	24	0.7
<i>Carex pallescens</i>	24	0.7	16	0.8	12	0.5
<i>Carex pilulifera</i>	28	1.4	16	0.3	12	0.5
<i>Cirsium palustre+rivulare</i>	8	0.3	16	0.3	16	0.4
<i>Dryopteris dilatata</i>	36	0.5	40	0.6	48	0.7
<i>Epilobium angustifolium</i>	84	2.6	76	0.8	80	0.7
<i>Fragaria vesca</i>	20	1.3	24	0.8	20	1.0
<i>Galeopsis bifida</i>	60	1.3	64	0.7	48	1.2
<i>Hypericum maculatum</i>	48	1.2	40	0.5	56	0.6
<i>Luzula luzuloides</i>	88	3.2	88	2.0	88	2.0
<i>Luzula pilosa</i>	24	1.6	28	0.7	28	0.4
<i>Maianthemum bifolium</i>	88	2.2	84	1.9	76	2.0
<i>Melampyrum pratense</i>	68	1.7	68	1.3	72	1.0
<i>Oxalis acetosella</i>	56	1.3	64	1.3	56	1.1
<i>Phleum pratense</i>	8	4.3	4	0.1	8	0.3
<i>Potentilla erecta</i>	16	0.9	20	0.8	28	0.7
<i>Rubus idaeus</i>	84	22.3	84	10.6	80	4.2
<i>Senecio hercynicus</i>	4	0.1	4	0.5	16	0.7
<i>Solidago virgaurea</i>	44	0.6	52	0.5	56	0.7
<i>Taraxacum sp.</i>	16	0.2	12	0.1	16	0.2
<i>Trifolium repens</i>	4	0.5	8	0.3	12	2.2
<i>Urtica dioica</i>	8	1.1	12	0.4	12	0.7
<i>Vaccinium myrtillus</i>	92	10.9	100	12.0	100	13.1
<i>Vaccinium vitis-idaea</i>	20	1.3	16	1.8	16	1.3
<i>Veronica officinalis</i>	44	2.0	52	1.5	24	0.5
<i>Viola reichenbachiana</i>	12	0.1	12	0.1	8	0.3

Table S2. Species and their frequency (Freq.) and mean cover (Cover) at the HS transect. All recorded tree species are shown, while from other plant species, only those taxa with frequency per 25 plots 4×4 m $\geq 10\%$ or mean cover $\geq 2\%$ in 2016, 2018, or 2020 are presented. Species are ordered alphabetically within the separate groups of trees and other species. The species nomenclature follows the list of non-vascular and vascular plants of Slovakia (Marhold, Hindák 1998) [28].

	Year 2016		Year 2018		Year 2020	
	Freq. (%)	Cover (%)	Freq. (%)	Cover (%)	Freq. (%)	Cover (%)
<i>Acer pseudoplatanus</i>	4	1.0	4	1.0	12	0.4
<i>Alnus glutinosa</i>	4	6.0	4	10.0	4	7.0
<i>Alnus incana</i>	4	7.0	4	8.0	4	9.0
<i>Betula pendula</i>	84	11.9	84	18.4	88	17.1
<i>Larix decidua</i>	12	7.3	16	7.0	20	9.1
<i>Picea abies</i>	88	14.1	92	22.0	100	25.8
<i>Pinus sylvestris</i>	28	6.2	36	9.3	40	10.7
<i>Populus tremula</i>	24	0.8	24	0.5	8	0.3
<i>Salix capraea</i>	72	4.0	72	3.5	72	4.4
<i>Sorbus aucuparia</i>	88	5.8	76	4.9	92	5.7
<i>Agrostis capillaris</i>	8	1.3	16	0.8	24	1.1
<i>Angelica sylvestris</i>	8	0.3	12	0.7	28	0.8
<i>Athyrium filix-femina</i>	28	1.0	32	1.0	32	1.0
<i>Avenella flexuosa</i>	84	7.5	88	5.8	84	8.2
<i>Calamagrostis arundinacea</i>	52	3.5	72	7.8	60	8.4
<i>Calamagrostis villosa</i>	100	69.5	100	62.2	100	65.4
<i>Calluna vulgaris</i>	72	1.6	48	1.1	32	0.5
<i>Carex echinata</i>	4	3.0	8	0.5	8	0.5
<i>Carex muricata</i>	8	4.5	4	0.5	0	0.0
<i>Carex pallescens</i>	4	4.0	8	0.6	12	0.9
<i>Carex pilulifera</i>	8	0.6	8	0.3	12	0.5
<i>Cirsium palustre+rivulare</i>	12	0.5	24	0.4	24	0.5
<i>Dryopteris dilatata</i>	28	0.3	28	0.4	28	0.7
<i>Epilobium angustifolium</i>	80	1.2	72	0.5	68	0.3
<i>Galeopsis bifida</i>	32	0.8	12	0.1	4	0.5
<i>Hieracium lachenalii</i>	16	0.2	20	0.1	16	0.4
<i>Hypericum maculatum</i>	36	0.9	36	0.8	36	0.4
<i>Juncus effusus</i>	24	2.1	12	0.7	12	1.3
<i>Luzula luzuloides</i>	72	2.3	64	1.5	72	2.4
<i>Luzula pilosa</i>	12	0.7	4	1.0	4	0.5
<i>Maianthemum bifolium</i>	88	2.9	88	1.8	88	1.8
<i>Melampyrum pratense</i>	24	0.6	24	0.4	36	0.5
<i>Oxalis acetosella</i>	12	0.7	20	0.5	20	0.9
<i>Potentilla erecta</i>	4	1.0	4	2.0	4	1.0
<i>Rubus idaeus</i>	92	7.8	92	4.8	100	2.6
<i>Sambucus racemosa</i>	28	0.6	4	0.5	12	0.4
<i>Senecio hercynicus</i>	20	0.1	8	0.3	16	0.3
<i>Senecio ovatus</i>	24	0.3	28	0.3	20	0.7
<i>Solidago virgaurea</i>	44	0.7	36	0.3	32	0.4
<i>Taraxacum</i> sp.	12	0.2	16	0.3	8	0.5
<i>Vaccinium myrtillus</i>	80	11.7	92	11.6	92	13.6
<i>Veronica officinalis</i>	16	0.4	16	0.8	16	0.3