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Supplementary Material

Tab. S1 - Occurrence and abundance of all recorded taxa in the stand interior and periphery plots in 2004 and 2011. Indicator species are marked with an asterisk.

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Vascular plant species								
Aegopodium podagraria	1	1	3	3	1	0.5	1.5	16.5
Agrostis stolonifera	0	0	2	2	0	0	1	1
Alnus glutinosa	1	3	0	5	0.5	2	0	3
Anemone nemorosa	1	1	0	1	0.5	0.5	0	0.5
Angelica sylvestris	1	2	2	3	0.5	1	1	2.5
Asarum europaeum	2	2	1	1	1	1.5	4	4
Athyrium filix-femina	7	8	7	8	89	93.5	85.5	76
Betula pendula	1	0	0	1	0.5	0	0	0.5
Betula pubescens	0	1	0	1	0	0.5	0	0.5
Brachypodium sylvaticum	0	0	1	1	0	0	1	0.5
Calamagrostis arundinacea	1	1	0	0	2	2	0	0
Calamagrostis canescens	3	2	2	2	2	1.5	1.5	1
Calla palustris	2	2	1	1	4	3	0.5	1
Caltha palustris	4	4	5	4	7	7	10	7.5
Carex acutiformis	2	2	1	2	4.5	6	5	14
Carex appropinquata	1	1	1	1	1	1	1	0.5
Carex cespitosa	1	1	1	1	1	3	15	30
Carex cinerea	0	1	1	1	0	0.5	0.5	0.5
Carex digitata	3	3	3	4	2	2	2	2.5
Carex elata	1	1	1	1	1	1	3	0.5
Carex elongata	6	6	6	6	21	14	14	5.5
*Carex remota**	2	2	3	3	4	1.5	3	6
Carex sylvatica	1	1	1	1	5	5	3	2
Carex vaginata	0	0	1	1	0	0	0.5	0.5
Cardamine pratensis	6	6	7	8	3.5	3	3.5	4.5
Chrysanthemum alternifolium	3	3	3	3	21.5	21.5	3	4
Circaea alpina	6	4	2	2	4.5	2	7	1
Cirsium oleraceum	2	2	6	7	6	5.5	10.5	13
Cirsium palustre	1	1	0	0	0.5	0.5	0	0

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	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Comarum palustre	0	0	0	1	0	0	0	0.5
Corylus avellana	0	0	1	0	0	0	0.5	0
Crepis paludosa	5	5	5	5	29	23.5	13.5	10
Dactylorhiza fuchsii	0	0	1	0	0	0	0.5	0
Daphne mezereum	1	1	1	1	0.5	0.5	0.5	0.5
Deschampsia cespitosa	1	1	1	1	0.5	0.5	0.5	0.5
Dryopteris carthusiana	7	6	9	9	9.5	8.5	7.5	7.5
Dryopteris expansa	4	3	2	2	9	6	7	6
Elymus caninus	1	1	0	0	0.5	0.5	0	0
Epilobium palustre	2	0	0	0	1	0	0	0
Equisetum fluviatile	0	1	1	2	0	0.5	0.5	1
Equisetum palustre	1	1	1	1	0.5	0.5	0.5	0.5
Equisetum pratense	3	2	0	0	2	1	0	0
Equisetum sylvaticum	4	5	4	5	2.5	3	2	4.5
Euonymus europaeus	0	1	0	0	0	0.5	0	0
Filipendula ulmaria	6	6	7	7	71.5	56.5	31	51
Fragaria vesca	1	0	2	4	0.5	0	1.5	2
Frangula alnus	1	2	4	5	0.5	1	2.5	4
Fraxinus excelsior	3	4	4	4	6	17	2.5	6.5
Galium boreale	0	0	1	0	0	0	0.5	0
Galeobdolon luteum	3	3	3	3	3	26.5	19.5	30.5
Galium odoratum	0	0	2	2	0	0	6	5.5
Galium palustre	7	6	5	4	5	3	4.5	2
Galeopsis tetrahit	0	0	1	0	0	0	0.5	0
Geranium robertianum	1	1	0	0	0.5	1	0	0
Geum rivale	4	6	6	6	6	9.5	9.5	12.5
Glyceria fluitans	1	1	1	2	0.5	10	1	8
Glyceria lithuanica	1	1	2	1	0.5	0.5	1.5	0.5
Gymnocarpium dryopteris	3	3	2	2	1.5	1.5	1	1.5
Hepatica nobilis	1	1	1	1	3	5	5	5
Huperzia selago	2	1	1	1	1	0.5	0.5	0.5
Impatiens noli-tangere	4	4	3	4	5.5	5.5	3	5
Iris pseudacorus	1	1	1	1	1	1	0.5	1
Lapsana communis	0	0	0	1	0	0	0	0.5
Lathyrus vernus	1	1	1	1	1	1	1	1
Deschampsia flexuosa	1	1	0	0	0.5	0.5	0	0
*Listera cordata**	1	0	1	0	0.5	0	0.5	0
Listera ovata	1	1	1	1	0.5	0.5	0.5	1
Lonicera xylosteum	0	1	0	0	0	0.5	0	0

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Luzula pilosa	4	3	2	2	2	1.5	1	1
Lycopodium annotinum	2	2	1	2	1	1	0.5	1
Lycopus europaeus	5	5	3	4	2.5	2.5	1.5	3
Lysimachia vulgaris	7	7	6	6	6.5	7	4.5	15
Lythrum salicaria	1	1	0	0	0.5	0.5	0	0
Maianthemum bifolium	5	6	6	6	3	3.5	3.5	4
Melica nutans	1	1	0	0	0.5	0.5	0	0
Mentha arvensis	1	0	1	1	0.5	0	0.5	0.5
Menyanthes trifoliata	2	2	1	2	1	1	0.5	1.5
Mercurialis perennis	1	1	2	2	0.5	0.5	11	11
Milium effusum	2	2	0	0	1	1	0	0
Mycelis muralis	1	2	0	1	0.5	1	0	0.5
Myosoton aquaticum	4	3	3	3	22.5	26	6.5	8.5
Myosotis palustris	1	1	0	1	0.5	0.5	0	0.5
Naumburgia thyrsiflora	5	4	3	4	5	4	1.5	2
Oenanthe aquatica	0	1	1	1	0	0.5	0.5	0.5
Orthilia secunda	2	1	1	2	1	2	0.5	1
Oxalis acetosella	8	8	8	8	31	53	59.5	68
Padus avium	1	2	1	2	2	2	0.5	1.5
Paris quadrifolia	4	4	3	4	2	2	1.5	2
Peucedanum palustre	4	3	3	4	2	2	1.5	3
Phalaris arundinacea	1	1	2	2	2	2	4	1.5
Phegopteris connectilis	3	3	3	2	2.5	11.5	2	1
Phragmites australis	1	1	1	1	2	5	6	10
Picea abies	4	4	6	7	3.5	5.5	3.5	5.5
Poa trivialis	0	0	1	1	0	0	0.5	0.5
Polygonatum multiflorum	1	1	0	0	0.5	0.5	0	0
Populus tremula	0	0	1	1	0	0	0.5	0.5
Potentilla erecta	0	0	1	1	0	0	0.5	0.5
Prunella vulgaris	0	0	1	1	0	0	0.5	0.5
Quercus robur	0	2	1	3	0	1	0.5	2
Ranunculus cassubicus	1	1	1	1	0.5	0.5	0.5	0.5
Ranunculus repens	3	3	4	5	3.5	5	4	8.5
Ribes nigrum	1	2	3	3	0.5	2.5	1.5	2
Rubus idaeus	3	5	5	3	2	14.5	6	6.5
Rubus saxatilis	4	5	7	7	9.5	13.5	11	29.5
*Sanicula europaea**	1	0	0	0	0.5	0	0	0
Scirpus sylvaticus	0	1	0	1	0	1	0	5
Scutellaria galericulata	4	2	2	2	2	1	1.5	1
Solanum dulcamara	4	4	2	3	9	10.5	1.5	9.5
Solidago virgaurea	2	2	0	1	1	1.5	0	0.5

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Sorbus aucuparia	3	6	2	4	2	4	1	3.5
Stachys palustris	1	1	1	1	1	1	0.5	1
Stachys sylvatica	0	0	0	1	0	0	0	1
Stellaria longifolia	1	1	1	1	0.5	1	0.5	0.5
Thelypteris palustris	3	3	2	2	30.5	50.5	17	32
Tilia cordata	1	1	1	1	0.5	0.5	0.5	3
Trientalis europea	3	2	3	2	1.5	1	1.5	1
Tussilago farfara	1	0	0	0	0.5	0	0	0
Ulmus glabra	1	1	0	0	0.5	0.5	0	0
Urtica dioica	3	3	3	3	2	8	7	21
Vaccinium myrtillus	4	5	5	4	2.5	4	4.5	28.5
Vaccinium vitis-idaea	2	1	1	0	1	0.5	0.5	0
Viburnum opulus	2	2	1	2	1	1	0.5	4
Viola epipsila	3	3	4	3	1.5	1.5	2	6
Viola palustris	1	2	2	2	0.5	1	1.5	1
Viola riviniana	1	1	1	1	0.5	0.5	0.5	0.5
Lichen taxa								
Acrocordia cavata	0	0	1	0	0.00	0.00	0.14	0.00
*Arthonia leucopellea**	1	1	1	0	0.90	0.90	0.94	0.00
Arthonia radiata	1	1	1	1	0.40	0.40	0.11	0.15
*Arthonia spadicea**	7	8	8	10	2.89	2.89	2.94	3.18
*Arthonia vinosa**	3	1	3	3	0.83	0.83	0.57	0.91
Arthothelium ruanum	2	0	1	0	0.51	0.51	0.49	0.00
Catinaria atropurpurea	1	0	1	0	0.17	0.17	0.76	0.00
Cladonia coniocraea	9	10	9	10	2.74	2.74	3.29	5.00
Cladonia digitata	2	1	1	0	1.19	1.19	0.18	0.00
Evernia prunastri	1	1	3	2	0.51	0.51	1.39	01.06
*Graphis scripta**	6	7	9	8	2.46	2.46	3.43	3.58
Hypogymnia physodes	3	4	5	5	1.53	1.53	1.41	1.81
*Lecanactis abietina**	3	3	2	2	0.86	0.86	0.51	1.11
Lepraria sp.	10	10	10	10	3.89	3.89	3.42	4.13
Melanelia glabratula	1	1	0	0	0.14	0.14	0.00	0.00
Opegrapha varia	0	1	1	2	0.00	0.00	0.70	1.53
*Opegrapha vermicellifera**	1	0	1	0	0.56	0.56	0.50	0.00
Opegrapha vulgata	0	0	1	0	0.00	0.00	0.52	0.00
Parmelia sulcata	3	1	3	2	1.31	1.31	1.15	1.11
Pertusaria amara	3	3	5	5	1.75	1.75	1.76	2.21
*Pertusaria hemisphaerica**	1	1	0	0	0.62	0.62	0.00	0.00
Phlyctis argena	2	2	1	2	0.63	0.63	0.34	0.84
Platismatia glauca	1	0	1	0	0.43	0.43	0.18	0.00

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Ramalina farinacea	1	0	0	0	0.62	0.62	0.00	0.00
Polypore taxa								
Antrodiella hoehnelii	0	6	0	4	0	9	0	5
Antrodiella semisupina	3	2	4	1	3	3	9	1
Antrodia serialis	4	1	2	2	9	1	2	2
Antrodia sinuosa	0	1	1	1	0	1	2	1
Bjerkandera adusta	2	1	1	2	2	1	1	2
Cerrena unicolor	0	1	0	1	0	1	0	1
Daedaleopsis confragosa	1	0	0	0	1	0	0	0
Datronia mollis	0	1	0	2	0	1	0	2
Diplomitoporus flavescens	0	1	0	0	0	1	0	0
Diplomitoporus lindbladii	0	0	0	1	0	0	0	1
Fomes fomentarius	8	8	8	9	16	34	18	37
Fomitopsis pinicola	8	9	9	9	27	29	44	58
Ganoderma applanatum	1	1	3	1	1	4	3	2
Gloeophyllum sepiarium	0	2	0	1	0	2	0	4
Hapalopilus nidulans	0	1	2	0	0	1	2	0
Heterobasidion annosum	1	1	0	2	2	2	0	2
Inonotus obliquus	1	2	0	2	1	2	0	2
Inonotus radiatus	7	9	8	9	20	23	16	24
Ischnoderma benzoinum	1	1	3	3	1	1	3	6
*Junghuhnia collabens**	1	0	0	0	2	0	0	0
Lenzites betulina	0	0	0	1	0	0	0	1
*Leptoporus mollis**	0	2	0	2	0	2	0	2
Oligoporus caesius	2	1	3	3	3	1	5	8
Oligoporus fragilis	1	1	0	0	1	1	0	0
Oligoporus spp.	0	4	2	2	0	4	2	4
Oligoporus stipticus	2	3	3	4	2	4	4	4
Oligoporus subcaesius	0	2	1	1	0	2	1	1
Oligoporus tephroleucus	0	1	0	0	0	2	0	0
Oxyporus corticola	0	0	0	0	0	0	0	0
Oxyporus populinus	1	1	0	0	1	1	0	0
Perenniporia subacida	0	0	0	0	0	0	0	0
Phellinus alni	4	4	3	2	7	8	8	4
*Phellinus chrysoloma**	0	0	0	1	0	0	0	1
Phellinus conchatus	0	0	1	1	0	0	1	1
Phellinus ignarius	0	1	0	0	0	1	0	0
Phellinus laevigatus	1	0	0	0	1	0	0	0
Phellinus lundellii	0	1	0	0	0	1	0	0
*Phellinus nigrolimitatus**	3	5	4	4	5	14	6	8

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
*Phellinus populicola**	1	0	0	0	1	0	0	0
Phellinus tremulae	2	1	1	2	4	2	7	10
Physisporinus sanguinolentus	0	1	0	0	0	1	0	0
Physisporinus vitreus	0	0	0	1	0	0	0	1
Piptoporus betulinus	2	2	3	2	3	2	3	2
*Polyporus badius**	0	0	0	1	0	0	0	1
*Pycnoporellus fulgens**	1	2	4	4	1	2	6	11
*Rigidoporus crocatus**	2	3	1	4	2	5	1	7
Skeletocutis amorpha	0	2	0	1	0	2	0	3
Skeletocutis carneogrisea	1	4	2	5	2	7	2	13
*Skeletocutis lenis**	0	0	0	1	0	0	0	1
Skeletocutis nitida	0	0	0	1	0	0	0	1
*Skeletocutis nivea**	0	2	0	3	0	4	0	4
Skeletocutis spp.	1	0	0	0	1	0	0	0
Trametes hirsuta	2	1	1	0	2	1	1	0
Trametes ochracea	0	1	0	1	0	2	0	1
Trametes versicolor	0	0	0	0	0	0	0	0
Trichaptum abietinum	6	8	6	9	12	45	12	62
Mollusc taxa								
Acanthinula aculeata	3	4	2	4	12	36	17	48
Acicula polita	0	1	1	1	0	1	1	6
Aegopinella pura	3	2	4	6	11	22	17	20
Arion subfuscus	2	1	1	0	3	1	2	0
Bradybaena fruticum	3	1	2	1	3	3	2	2
*Bulgarica cana**	0	1	0	0	0	3	0	0
Carychium minimum	11	11	12	13	433	727	595	670
Carychium tridentatum	8	10	8	12	219	332	172	351
Cepaea hortensis	0	1	0	1	0	1	0	1
*Clausilia bidentata**	1	0	1	0	1	0	2	0
*Clausilia cruciata**	3	2	3	1	7	6	14	2
Cochlicopa lubrica	10	11	13	13	167	176	173	158
Cochlicopa nitens	0	1	0	1	0	1	0	14
Cochlodina laminata	2	2	1	2	5	8	4	5
Columella aspera	8	2	6	5	28	3	29	11
Columella edentula	6	7	6	9	18	13	29	35
Discus ruderatus	8	7	7	10	51	13	72	26
Euconulus fulvus	11	11	13	13	203	104	261	92
*Macrogastra plicatula**	2	3	2	2	27	10	9	2
*Macrogastra ventricosa**	3	1	2	1	15	1	4	3
Malacolimax tenellus	2	0	0	0	3	0	0	0

	Occurrence				Abundance			
Type	**Stand periphery**		**Stand interior**		**Stand periphery**		**Stand interior**	
Year	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**	**2004**	**2011**
Nesovitrea hammonis	10	10	12	13	266	177	377	199
Nesovitrea petronella	10	10	11	11	184	88	151	92
Perforatella bidentata	10	5	9	13	45	17	95	37
Punctum pygmaeum	10	11	13	13	257	435	405	929
*Ruthenica filograna**	0	3	1	1	0	7	3	6
Succinea oblonga	0	0	1	2	0	0	1	5
Succinea putris	5	7	7	8	19	38	29	20
Vallonia costata	1	2	0	2	13	15	0	9
Vertigo antivertigo	6	5	7	4	27	64	63	42
Vertigo pusilla	2	3	3	4	3	7	9	4
Vertigo lilljeborgi	3	1	3	1	11	1	14	3
Vertigo substriata	11	11	12	13	202	271	331	206
Vitrea crystallina	9	10	11	12	95	81	151	105
Vitrina pellucida	0	2	0	3	0	8	0	9
Zonitoides nitidus	9	9	12	11	236	73	88	107
Pisidium sp.	5	6	6	6	150	49	128	317
Galba truncatula	4	5	3	7	32	17	14	43
Aplexa hipnorum	0	0	2	0	0	0	4	0
Planorbis sp.	1	3	1	2	4	30	12	3

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Fig. S1 - The volume of dead wood (m^3) in the study sites in 2004 and 2011.