Appendix 8.3 – NVC Quadrat Data

Quadrat reference	A1	A2	A3	B1	B2	C1	C2	D1	D2	E1	E2	F1	G1	G2	G3	H1	H2	H3	I	K	L1	L2	M	N	P	Q	R	S	S2	T	U	V
Proposed NVC type	W9a	W9a	W9a	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	W9	U2	MG6b	M23a	M16d	MG6b	U4a	M18a	M18a	M20b	M23a	M23a
Description	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Mixed, semi-natural woodland	Mixed, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Mixed, semi-natural woodland	Mixed, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Broad-leaved, semi-natural woodland	Plantation woodland part of Tripshaw Hill Plantation.	Plantation woodland part of High Wood.	Area of clearfell within High Wood.	Improved grassland/pasture	Marshy grasslands (rush mire)	Wet heath	Improved grassland/pasture	Unimproved acid grassland	Blanket bog	Blanket bog	Wet modified bog	Marshy grasslands (rush mire)	Marshy grasslands (rush mire)
Slope (approx degs)	<5	<5	<5	25	20	10	<5	10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5
Aspect (compass bearing)	-	-	-	S	S	N	-	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bare soil	2	2	2	6	4	3	7	3	3	4	4	2	2	2	2	3	3	3	3	4	1	3	0	2	3	0	0	0	0	0	0	0
Bare rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litter	6	6	6	2	2	2	2	5	5	3	3	4	6	6	6	6	6	8	5	6	6	4	0	3	0	0	5	5	4	4	4	4
Bryophytes / lichens	4	7	9	4	8	5	7	7	6	7	7	7	5	5	4	3	4	5	5	4	4	4	1	4	5	0	9	9	7	7	4	4
Sward height (cms) 1																							<10	60	<10	<10	20	45	45	25	60	60
Sward height (cms) 2																																
Sward height (cms) 3																																
Grid Square																																
Grid Ref (x/y)	371363, 674363	371353, 674316	371311, 674502	371509, 673916	371459, 673898	371421, 673776	371426, 673682	371119, 673654	371140, 673701	371119, 673740	371148, 673767	370659, 673657	370860, 673636	370757, 673680	370616, 673696	369291, 673253	369035, 673201	369415, 673261	369030, 673145	369249, 672255	368725, 671992	368808, 671902	368438, 671847	368190, 671785	367384, 671117	366936, 670368	367102, 670268	366551, 669855	366558, 669875	366572, 669742	366561, 669465	366601, 669968
Tree species																																
Acer campestre										8	8																					
Acer pseudoplatanus	8	7	7	6	8	7	9					7	7	7	6	2	4	5			8											
Acer platanoides								5	5		3																					
Aesculus hippocastanum									4																							
Alnus glutinosa						7																										
Betula pendula			4														4	5	4													
Carpinus betulus								5	6																							
Fagus sylvatica		1	3	8	3		4			2		1	4	3	2			4		7	5	5										
Fraxinus excelsior	6	8	7			5	5	8	6	8	8	6	7	7	8	7	7	6	7	9												
Larix decidua										7											7	8										
Picea abies	2	4	4			2																										
Pinus sylvestris		1		6	4							3																				
Populus tremula						2																										
Prunus avium				4	2									2																		
Quercus petraea					1	6										7	7	5														
Quercus robur	1	1	1							2		1		4	2																	
Quercus cerris																			6													
Taxus baccata	1		1																													
Tilia platyphyllos			1																													
Ulmus glabra	5	6	5					4	6				5	1	1																	
Shrub species																																

Quadrat reference	A1	A2	A3	B1	B2	C1	C2	D1	D2	E1	E2	F1	G1	G2	G3	H1	H2	H3	I	K	L1	L2	M	N	P	Q	R	S	S2	T	U	V
Acer campestre																		3														
Acer pseudoplatanus	5	3	2										2	3		5					2											
Acer platanoides									2	4																						
Carpinus betulus																5																
Crataegus monogyna	1			3		3		1		4	7		2	4	3	8	4	7	7	3												
Fagus sylvatica							5										5	4			2											
Fraxinus excelsior										4					3					3												
Hedera helix										4																						
Ilex aquifolium				2	1												5															
Larix decidua																					2											
Ligustrum vulgare	1				5					4	4																					
Lonicera periclymenum																	4		4													
Prunus spinosa														1					5													
Quercus robur																			4													
Rhododendron ponticum	1					4																										
Rosa canina agg.														2			4															
Rubus idaeus																3																
Salix sp.																	3															
Sambucus nigra	2	1	3						1						2																	
Sorbus aucuparia														1			2															
Symphoricarpos albus		1	2		5																											
Taxus baccata									1																							
Tilia platyphyllos																		4														
Ulmus glabra	4	2	3			2		5	6	4	5	5	5	3	5					2												
Ulex europaeus																			3													
Ground flora species																																
Acer pseudoplatanus				1	1				1																							
Aegopodium podagraria		4								3		5																				
Agrostis canina sens.lat.																															5	3
Agrostis capillaris																					8						7					
Agrostis sp.																						5										
Alliara petiolata												2																				
Angelica sylvestris																	2		1													
Anthoxanthum odoratum																											3					
Anthriscus sylvatica												3																				
Arrhenatherum elatius															4	3		2														
Athyrium filix-femina								4								4				5												
Bellis perennis																										1						
Brachypodium sylvaticum												1																				
Calluna vulgaris																									9			6	5	4		
Caltha palustris																																3
Cardamine pratensis																							3									3
Cerastium fontanum																							2			1	2					
Cirsium arvense																	1															
Cirsium palustre																		1						3								
Cynosurus cristatus																							6									
Dactylis glomerata					2							8		4	8	3	3		4		2											
Danthonia decumbens																											3					
Deschampsia cespitosa						3								9		3	5	7	6													
Deschampsia flexuosa																						7						3		4		
Digitalis purpurea																								2								
Drosera rotundifolia																												4				
Dryopteris dilatata						6		4		2						2			2		1	3										

Quadrat reference	A1	A2	A3	B1	B2	C1	C2	D1	D2	E1	E2	F1	G1	G2	G3	H1	H2	H3	I	K	L1	L2	M	N	P	Q	R	S	S2	T	U	V
Dryopteris filix-mas agg.			5		1			6	5	2	4			2		4	2	3	2	5												
Empetrum nigrum subsp.nigrum																									2			2	3			
Epilobium sp.																								2								
Epilobium montanum	1	2	2		1									2		2	1		2	1												
Epilobium palustre																																3
Erica tetralix																									3				5			
Eriophorum angustifolium																												2	2			
Eriophorum vaginatum																												8	8	7		
Festuca sp.																																2
Festuca gigantea																																
Festuca ovina agg.																											9					
Festuca rubra agg.												4									3											
Fragaria vesca																	3															
Fraxinus excelsior				1		5	4	3	3	4	2							2		3												
Galium aparine	4	6	7		2	3				2	2					3				5				3								
Galium odoratum																	5															
Galium palustre																								2								3
Galium saxatile																						4					4					
Geranium robertianum	4	5				3		5	8			3		3	6	3		2														
Geum urbanum	3	5	3		2	3			4			5		3	5			3		1												
Hedera helix	8			4				9	6	8	9			4																		
Heracleum sphondylium		1	1									3		3	2																	
Holcus lanatus																							2									3
Holcus mollis					4																3	5								4		
Hyacinthoides non-scripta	4																															
Juncus acutiflorus																															8	9
Juncus effusus																	2							9							5	3
Juncus squarosus																									5					1		
Lapsana communis														1	2																	
Lathyrus pratensis																	2															
Ligustrum vulgare					1																											
Lolium perenne																							9			8						
Lonicera periclymenum																	7		4													
Luzula campestris																											2					
Luzula multiflora																						2										
Luzula sylvatica														2		4	4															
Mercurialis perennis													10					2														
Moehringia trinervia					4		3			4																						
Molinia caerulea																									3					6		
Myosotis sylvatica		2																														
Nardus stricta																											3					
Oxalis acetosella																					7	2										
Plantago lanceolata																							2									
Poa annua																							3			3						
Poa nemoralis							4														3											
Polygala serpyllifolia																											2					
Potentilla erecta																											3			2	3	
Primula vulgaris		1																														
Prunella vulgaris		4																														
Pteridium aquilinum																											1					
Ranunculus acris																																3
Ranunculus repens			5		3	4													3	2			3			3						3
Ribes sanguineum	1																															

Quadrat reference	A1	A2	A3	B1	B2	C1	C2	D1	D2	E1	E2	F1	G1	G2	G3	H1	H2	H3	I	K	L1	L2	M	N	P	Q	R	S	S2	T	U	V
Rubus idaeus		1						4												5												
Rubus fruticosus agg.	1					2	1					5	3	3		8	3		4													
Rumex acetosa																															6	4
Rumex obtusifolius																								3								
Rumex sanguineus	3	3						2			2			3																		
Ruscus aculeatus																																
Sanicula europaea	1	2			2			4	5	8	5			4			2		3													
Senecio jacobea																											1					
Silene dioica	2	4			2							6	3	4	5	3			3													
Stachys sylvatica		3											3																			
Stellaria media						2				1	1																					
Taraxacum officianale agg.																		1														
Trifolium repens																							6			8						
Urtica dioica	3	2	7			3	4	1		1	4	3	5	2		3	1			4				1								
Vaccinium myrtillus																														3		
Veronica chamaedrys		5								2					3				3													
Veronica montana					6						1																					
Veronica officinalis	1											4																				
Veronica scutellata												4																				
Viola sp.					4					2	2				3	3	3	3	2		3											
Viola palustris																															3	3
Bryophyte species																																
Aulacomnium palustre																												4	3			
Atrichum undulatum																		2														
Brachythecium rutabulum	3	5	4	2			4			2	2	2	7	4	2		3			4				2								
Calliergonella cuspidatum																								3								3
Calliergon cordifolium																																3
Cladonia sp.																						3		4								
Cirriphylum pilliferum	3	5	5								6							2	3													
Eurhynchium striatum										3	3			3	2					2												
Fissidens sp.	2	2																	3													
Fissidens taxifolius				1				4					2																			
Hylocomium splendens																						4			2			2				
Hypnum andoi				2	3																							3				
Hypnum cupressiforme				3	2	4				4		2				3	3			3		1										
Hypnum jutlandicum					3																2							3	4			
Hypnum resupinatum															2		1															
Kindbergia praelonga	4	7	4	3	2	4	7	7	5	6		6	3	5	4	2	4	4	3	5	2		1	3								
Lophocolea bidentata	1	1													2	2				3												
Marchantia polymorpha																								2								
Mnium hornum					8	5											2															
Pellia sp.														2																		
Pelia epiphylla						4														1												
Philonotus fontana																								3								
Palgiothecium undulatum																														3		
Plagiomnium undulatum	2	5	9			3		4	2	7	7			3		2	2											2				
Pleurozium schreberi																									2		4	5		3		
Polytrichum commune																														3		
Polytrichum formosum																					2											
Polytichum strictum																												3				
Polytrichum sp.																						1										
Pseudoscleropodium purum																						8					4					
Rhytidiadelphis loreus																									3							

Quadrat reference	A1	A2	A3	B1	B2	C1	C2	D1	D2	E1	E2	F1	G1	G2	G3	H1	H2	H3	I	K	L1	L2	M	N	P	Q	R	S	S2	T	U	V
Rhytidiadelphis squarrosus																		2		2	2	4					4		2			
Rhytidiadelphis triquetrus																2	1					4										
Sphagnum capillifolium																									5			4	6			
Sphagnum compactum																									5							
Sphagnum magellanicum																												5	4			
Sphagnum palustre																												4	3			
Sphagnum papillosum																												5	5			
Sphagnum recurvum																												3	4	7		
Sphagnum russowii																														4		
Thuidium tamariscinum	2																		2													
Ulota bruchii	1																															