

Tree species	Case Study 1					Case Study 2					Case Study 3					Case Study 4					Case Study 5					Case Study 6					Case Study 7														
	Robson's Spring					Haverthwaite Heights					Assington Thicks					Melbury and Rushmore					Windsor, Leconfield and Duncombe Park					Martinshaw Wood					Rainsbarrow Wood														
	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg					
<b>Conifers</b>																																													
Sitka spruce						LA		LF		O																																			
Norway spruce	LA		LF	LF	R								O		R	LF		D	A	O			LA	LF	O			LF	O	R															
Scots pine																					LF		LA	LF	LA			Co-D	F	O															
Other pines			LA		R																							Co-D	F	O															
Larch			LA	LO	R	LA		A		O			O	O	R						LA		A	F	O			O	O	R	A		LA	O	O										
Douglas fir													LF	LF	O			LF	O	O			LA	O	O																				
Western hemlock			A	LF	O	P																									LF		LA	F	F	LA				O					
Western red cedar													LF	LF	O			LF	O	O											LF		A	A	LA										
Grand fir			LA		O						LA		LA		LF																														
Noble/ silver firs																																													
Lawson cypress																												O																	
Overall conifer regen.					O					O					O					O					F					F					O										
	1	-	4	1	1	2	neg	3	-	1	2	-	3	1	1	1	-	3	1	1	1	-	3	1	2	1	-	4	2	2	2	-	1	neg	1										
<b>Hardwoods</b>																																													
Oak		R	LA	LF	LF			LA	O	LA		R	A	F	LA			O	LF	O		LF	LA	LA	F		O	A	F	F		O	O	O	O										
Beech									O	O								LA		O		LF	F	F	F			LF	F	O			F	A	F										
Ash			LA	O	LA				O	O					O			O	O	LF		O	F	LA	A			O	F	F			LF	F	F										
Sycamore			O	O	LF			LA	O	F												O	F	F	F			O	F	F			O	O	O										
Birch			O	O	LF			O	F	LA			O	F	LA			O	LF	LA		O	F	F	F			F	F	LA			LF	LF	F										
Alder																																													
Rowan					O				O	O																		O	O	O															
Aspen										O					O				LF	LF									LF	LA															
Hazel				LA	LF			LA	F					LF	LF				LA	LF				LA	F				LA	LF				LF	LF										
Holly					LF					O					F									O	O				O	F															
Other b/l species			O	LF	O			O		O			LF	O	O		LF	O	O	O			O	O	O			F	O	F		O	O	O	O										
	-	Neg	2	1	2	-	neg	2	1	2	-	neg	2	1	2	-	1	2	1	2	-	1	3	2	2	-	1	2	1	2	-	1	1	3	2										
<b>Ground vegetation</b>																																													
Shade - moss/lichen	Occasional					Occasional										Occasional (Duncombe)					Occasional					Occasional																			
Ericaceous						Locally Frequent															Occasional (Windsor)																								
Rushes, sedges	Occasional										Locally Frequent					Locally Frequent					Frequent (Duncombe)					Locally Frequent																			
Acid fine grasses						Locally Abundant															Abundant (Windsor)					Occasional																			
Bracken	Locally Dominant					Abundant					Abundant					Abundant					Abundant (all sites)					Dominant					Locally Abundant														
Fern, Oxalis etc	Locally Frequent					Locally Abundant										Abundant					Abundant (Leconfield)					Abundant					Abundant														
Bluebell											Frequent										Frequent (Duncombe)					Occasional					Frequent														
Mesotrophic grasses	Frequent					Abundant					Frequent					Abundant					Abundant (Duncombe)					Abundant					Frequent														
Bramble	Frequent					Locally Abundant					Dominant					Abundant					Abundant (Leconfield)					Abundant					Abundant														
Soft woodland herb	Locally Dominant					Locally Frequent					Frequent					Locally Frequent					Abundant (Lecon/ Dunc)					Abundant					Frequent														
Mercury, garlic etc	Locally Abundant					Locally Abundant										Locally Frequent					Abundant (Duncombe)										Locally Frequent														
	Total cover: 40-60%					Total cover: 80-100%					Total cover: 80-100%					Total cover: 60-80%					Total cover: 60-80%					Total cover: 60-80%					Total cover: 40-60%														

Tree species	Case Study 8					Case Study 9					Case Study 10					Case Study 11					Case Study 12					Case Study 13					Case Study 14									
	SW England Douglas fir					Alice Holt Forest					Stonedown Wood					Bessy Bank and Chopwell Wood					Small Private Woodlands					Glenmore Forest					Dalavich Oakwood									
	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg
<b>Conifers</b>																																								
Sitka spruce			LA	LF	O						O					LA		LF	O	O						LA		LF	O	LF	A		O	O	LF					
Norway spruce						LF				R			LF		O			LF	O	O			LA	LF	O	LA		LF	O	LF	LA		LF	O	O					
Scots pine						LA		LA		O					O			LA	O	O							LF	D	D	A		R	LF	O						
Other pines								LA	LA	LA								LA	O	O						LA		O	O	O										
Larch			LA	LF	LF	LA				O			LA	LF	O			A	O	O				LF	LF	O			O	R		LF	R	O	O	O				
Douglas fir			D	F	F								LA	O	O			LF	LF	LF	LA			A	LF	O														
Western hemlock					LF	LA				O						LA		O	O	O																				
Western red cedar					LF	LF				O			LA	LF	O			O	O	O				LF	LF	O														
Grand fir																LA		O	O	O																				
Noble/ silver firs																															LF	R	O		O					
Lawson cypress																																								
Overall conifer regen.					F					F					O					F					O					A					O					
	-	-	4	2	2	3	neg	2	1	1	1	-	3	1	1	2	-	3	1	1	1	-	3	2	1	2	1	3	2	2	3	neg	1	neg	1					
<b>Hardwoods</b>																																								
Oak		O	LA	O	O		O	LA	F	LF							LF	LA	LF	O		LF	LF	O	LF							O	A	O	F					
Beech			O	O	A						LF		A	F	O		O	O	LF	LF		LO	LF	O	O						R	O	O	O	F					
Ash			LF	LF	LA			O	O	LF			F	F	A			LF	F	F			O	LF	F								LF	LF	LF					
Sycamore			O	O	A								O	F	A			LF	F	F			O	O	O															
Birch			LF	F	A			O	LF	LA			O	O	O		O	LF	LA	LA			O	O	LF		O	LF	LA	LA	R	LF	LF	LA						
Alder			O	LF	LF													LF	O	O								LO	R	R		O	O	O	O					
Rowan			O	O	F				O	O									O	O					O	O		R	O	F	F		O	O	LF					
Aspen																											R	O	O	LF										
Hazel				LA	LA				LA	LF					LA	LF					LA	LF					LA	LF				F	LA							
Holly				O	F														LF	LF					LF	LF					F	F								
Other species					O					F					O			O	O	O		LO	O	O	O					O					O					
	-	1	1	1	3	-	1	1	1	3	2	-	2	1	2	-	1	2	2	2	-	1	2	1	2	-	1	1	1	2	-	1	3	1	2					
<b>Ground vegetation</b>																																								
Shade - moss/ lichen											Occasional					Locally Frequent					Frequent					Locally Frequent														
Ericaceous						Local (Bovey Valley)										Locally Frequent					Dominant					Locally Abundant														
Rushes, sedges						Occasional					Locally Abundant					Occasional					Locally Abundant					Occasional					Locally Abundant									
Acid fine grasses						Abundant					Frequent					Locally Abundant					Occasional (Dalguise)					Abundant					Abundant									
Bracken						Abundant					Abundant					Abundant					Occasional (Dalguise)					Occasional					Abundant									
Fern, Oxalis etc						Abundant					Frequent					Abundant					Frequent					Frequent (Holly/ Dalg)					Frequent									
Bluebell						Frequent															Frequent (Dalguise)										Frequent									
Mesotrophic grasses						Abundant					Abundant					Abundant					Abundant					Abundant (Priors/ Holly)					Abundant									
Bramble						Frequent					Abundant					Frequent					Frequent					Frequent (Priors/ Holly)					Locally Frequent									
Soft woodland herb						Frequent					Frequent					Abundant					Frequent					Abundant (Priors/ Holly)					Occasional									
Mercury, garlic etc											Abundant					Local (Bessy Bank)					Locally Abundant																			
	Total cover: 60-80%					Total cover: 80-100%					Total cover: 60-80%					Total cover: 60-80%					Total cover: 40-60%					Total cover: 60-80%					Total cover: 60-80%									

Tree species	Case Study 15					Case Study 16					Case Study 17					Case Study 18					Case Study 19					Case Study 20					Case Study 21									
	Camer Woods					Strathcashel and Callendar Woods					Moncreiffe Hill and Pressmennan Wood					Bogrie Wood, Drumlanrig Estate					Shin Forest (Achany and Linside)					Lindinny Wood and Glenkinnon Burn					Edistone (Coed Caeau-gwynedd)									
	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg
<b>Conifers</b>																																								
Sitka spruce				LA	O	LA		LA	O	O	LA		LA		O						LA		LA	F	LF	LA		LA	LF	LF	LA		O	O	O					
Norway spruce								LA		O	LF		LA		O	LF		A	F	O	LA		LA	F	O			LA	O	O			LA	O	O					
Scots pine								O	LF	O	LF		O	A	LF	O		R					LA	F	O			LF					LA							
Other pines																																								
Larch	LA		LF	O	O	LA		LA	LF	LA			O	A	LA	O			LF	LF	O							LA	LF	LF			LF	F	LF					
Douglas fir	LA		LF	O	O				LF	O			LO	LA	LF	O							LF	LF	O			LF	LF	LF	LF		LA	LA	LA					
Western hemlock						LA								LA	O	O							LF	LF	LF	LA		LA	O	O										
Western red cedar				O	O				LF					O	LF	R													O	O										
Grand fir									LF																			LF												
Noble/ silver firs											LF		LA			O																	LA	LF	LA					
Lawson cypress																																								
Overall conifer regen					O										F					O					O					F					O					
	2	-	1	1	1	3	neg	2	1	1	1	1	3	1	1	1	neg	3	1	neg	2	-	2	1	1	2	-	3	1	1	1	-	3	1	1					
<b>Hardwoods</b>																																								
Oak		O	A	O	O		LA	LA	O	LF		LF	LF	O	LF		O	F	O	O			O				O	O	O	LF		O	LF	LA	O					
Beech							O	O	LA	LF		O	LA	F	O					LF							O	LA	F		O	F	LA	F						
Ash										O			LF	LA	LF			LF	LF	O							LF	LA	LA		LF	O	O							
Sycamore							O	O	O	LF		O	LA	F	LF					O							LF	LA	LF											
Birch			F	LA	LA			O	O	LA			LA	LA	LA			LF	LF	O							LF	LF	LA		LF	LF	LA							
Alder			LF	O	O								O	O	O							LO	LO	LO	LO		O	O	O	O			LF	O	O					
Rowan				O	F				O	O			O	O	O								O	O	O			O	O			O	O							
Aspen									O	LF													O	LF	LF															
Hazel				LA	F				LF	LF				LA	LF				LA	F								LA	LF				LF	LF						
Holly									O	LF				O	O				LF	O															O					
Other species			O	O	O			O	O	O			O	O	O			O	O	O								O	O	O		O			O					
	-	1	2	2	3	-	2	3	1	3	-	1	2	1	2	-	1	2	1	1	-	neg	1	1	2	-	1	2	2	2	-	1	2	1	2					
<b>Ground vegetation</b>																																								
Shade - moss/lichen	Occasional					Occasional					Occasional					Frequent					Frequent					Occasional					Occasional									
Ericaceous	Locally Frequent					Frequent (Strathcashel)					Local (Moncreiffe)					Frequent					Abundant					Occasional					Occasional									
Rushes, sedges	Locally Abundant					Locally Abundant					Locally Frequent					Frequent					Locally Frequent					Occasional					Occasional									
Acid fine grasses	Abundant					Abundant (Strathcashel)					Abundant					Frequent					Dominant					Locally Frequent					Abundant									
Bracken	Abundant					Abundant (Callendar)					Abundant					Frequent					Frequent					Abundant					Abundant									
Fern, Oxalis etc	Locally Frequent					Frequent (Callendar)					Abundant					Frequent					Locally Abundant					Abundant					Abundant									
Bluebell	Abundant					Frequent (Strathcashel)					Frequent (Pressmennan)					Frequent					Occasional					Abundant					Abundant									
Mesotrophic grasses	Abundant					Abundant (Callendar)					Abundant					Frequent					Occasional					Abundant					Abundant									
Bramble	Occasional					Occasional					Frequent (Moncreiffe)					Occasional					Abundant					Abundant					Abundant									
Soft woodland herb	Occasional					Occasional					Abundant					Occasional					Abundant					Abundant					Locally Frequent									
Mercury, garlic etc											Locally Abundant																													
	Total cover: 40-60%					Total cover: 40-60%					Total cover: 60-80%					Total cover: 20-40%					Total cover: 40-60%					Total cover: 60-80%					Total cover: 40-60%									

Tree species	Case Study 22					Case Study 23					Case Study 24					Case Study 25					Case Study 26					Case Study 27											
	Plas Power Wood					North Wales (Douglas fir over ash/ hazel)					Ffynone and Cilgwyn Woodlands					Wentwood					Coed Dol-Fawr					Mostyn Estate											
	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg	Fd	V/O	M	ST	Rg		
<b>Conifers</b>																																					
Sitka spruce																																					
Norway spruce			LF	LA	O						LF		LA	LF	O	LF		LA	LA	O														D	O	R	
Scots pine		O	LF									O												LF													
Other pines																								LA													
Larch		O	LA	LF	O			O				O	O	O	R	LF		LA	LA	O				LA	O												
Douglas fir			LA	O	O	LA		D	LF	LF		O	LA	LF	O	LF		LA	LA	O				LA	O	O											
Western hemlock	LF		LF	LF	LF			LF	LA	LA	LA		LF	LA	LF											LF		A	O	O							
Western red cedar	LF		O	LF	O			LF	O	O									O	O				O	O												
Grand fir								O	O	O														LF													
Noble/ silver firs								LF		O		O	O											F	O	O											
Lawson cypress								LF		O																											
Overall conifer regen					F					F					O					O					O						R						
	1	-	2	2	1	1	-	4	1	2	2	1	3	1	1	1	-	3	2	1	1	-	3	2	1	-	-	5	1	neg							
<b>Hardwoods</b>																																					
Oak		O	F	O	O		O	O	O	O		O	LF	O	LF		O	LA	F	F		O	A	F	F		O	O	LF	O							
Beech		O	LA	F	F			LF	LF	LF		O	O		O			LA	F	F			O	O	O			O	O	O							
Ash			LF	F	F		O	F	F	LA			LF	LF	LF			O	O	O			O	O	O				O	O							
Sycamore		O	F	F	F			O	O	LF			O	O	O			O	O	O			O	O	O				O	O							
Birch			LA	LF	LF			F	F	LA			O	O	LF			O	F	LA			O	F	F				O	LF	LF						
Alder			O	O	O			O	O	O			LF	LF	LF																						
Rowan			O	O	O			O	O	O																											
Aspen																																					
Hazel				LA	LF				LA	LF					LA	LF				LF	LF				LF	O				LF	LF						
Holly				F	F				O	O					O	O				LF	LF				O	O				LF	O						
Other species			LF	LF	O			O	O	O			O	O	O			O	O	O			O	O	O			O	O	O		O	O	O	O		
	-	1	2	2	2	-	neg	2	2	3	-	1	2	1	1	-	1	2	2	2	-	1	2	1	1	-	1	1	1	1	-	1	1	1	1		
<b>Ground vegetation</b>																																					
Shade - moss/lichen	Locally Frequent					Locally Dominant					Locally Abundant					Occasional					Frequent																
Ericaceous						Occasional (Gwydyr)										Locally Frequent					Locally Frequent																
Rushes, sedges																Locally Frequent																					
Acid fine grasses						Occasional (Gwydyr)					Locally Frequent					Frequent					Frequent																
Bracken	Locally Abundant					Abundant					Locally Abundant					Abundant					Abundant					Frequent											
Fern, Oxalis etc	Abundant					Abundant					Abundant					Abundant					Abundant					Co-Dominant											
Bluebell	Frequent															Abundant																					
Mesotrophic grasses	Locally Abundant					Frequent					Abundant					Abundant					Frequent					Frequent											
Bramble	Abundant					Abundant					Abundant					Abundant					Locally Frequent					Co-Dominant											
Soft woodland herb	Abundant					Abundant					Abundant					Abundant					Frequent					Frequent											
Mercury, garlic etc	Locally Abundant					Locally Frequent					Locally Frequent					Locally Frequent																					
	Total cover: 40-60%					Total cover: 80-100%					Total cover: 40-60%					Total cover: 60-80%					Total cover: 20-40%					Total cover: 80-100%											