

APPENDICES

- Appendix 1 The Standard Recording Sheet.
- Appendix 2 The plant species (with Domin Values) in the 5m
X 5m plots in Castor Hanglands.
- Appendix 3 The plant species (with Domin Values) in the 5m
X 5m plots in Foxley Wood.
- Appendix 4 The plant species (with Domin Values) in the 5m
X 5m plots in Mortimer Forest.
- Appendix 5 The plant species (with Domin values) in the 5m
x 5m plots in Eaton and Gamston Woods.
- Appendix 6 The frequency (%)with which the species in the
various strategy categories occur in the three
treatments at each site

Appendix 1 The Standard Recording Sheet.

Site

Treatment type

Plot no

Date

Surveyor

Comments

Tree and shrub composition above plot and in immediate surroundings (species & *Domin*)

--	--	--	--

Percentage cover for different layers in or over 5 x 5 m plot

Bare ground		Bryophytes		Litter		Wood		Rock	
Field layer		Shrub layer		Tree layer		Open sky		Other	

Ground flora (species and *Domin*)

--	--	--	--

Domin values 1 rare, 2 some, 3 many but less than 4% cover; 4 4-10%; 5 11-25%; 6 26-33%
7 34-50%; 8 51-75%; 9 76-90%; 10 91-100%.

Appendix 2

The plant species (with Domin values) occurring in the 5m x 5m plots in Castor Hanglands

	Broad-leaved woodland										Remaining conifers										Restored area									
	Plot Number										Plot Number										Plot Number									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
PERCENTAGE COVER																														
Open sky above plot	10	20	20	30	20	5	5	5	5	10	50	5		5	40	30	40	20	5	5	100	100	100	100	100	100	100	100	100	100
Tree layer	90	80	80	70	80	95	95	95	95	90	50	95	100	95	60	70	60	80	95	95										
Shrub layer	20	20	5	<5	100	10		50		20																				
Field layer	100	95	100	100	100	100	100	95	100	100	75	2	2	30	25	80	80	95	<1	3	100	85	65	80	95	90	90	80	90	40
Bryophytes	50	20	5	<1	5	5	<5	<1	<1		50	2	3	10	25	30	40	30	3	3	5	20	5	3	<1	<1				
Litter											50	100	98	65	40	15	20	5	95	95	5		30	5	5	3	5	15		
Wood				10	5	<3		<3		<1	5	10		5	25	5	3		<1	2	10	2	5	15	5	10	5		10	50
Bare ground	5	5						5										3										<1		10
SPECIES																														
Common Name	Scientific Name																													
Canopy																														
Ash	9	8	9	8	9	9	10	10	10	9																				
Silver birch	4	4	4		2																									
Common oak						4		4																						
Norway spruce											7	10	8	10	8	9	8	9	10	10										
Shrub layer																														
Field maple				4				7		1																				
Dogwood	4			2																										
Hazel	4	4	4	4	10					5																				
Hawthorn		4		4			3													5										
Ash							4																							
Field layer																														
Regenerating trees and shrubs																														
Field maple		1	1	1	1		1	2																						
Birch																						1						1		
Dogwood	2				2																									
Hazel																									1(C)					
Hawthorn	1			2	2		3								1	1					2							1(C)		
Ash	1				2		1				2	2			2	2	2		1	1								1(C)		
Wild plum																					2	1								
Common oak											1						1													1
Rose											1									1										
Willow													1						1				1					1	1	2
Elder																							1							1

Appendix 2

The plant species (with Domin values) occurring in the 5m x 5m plots in Castor Hanglands

		Broad-leaved woodland										Remaining conifers										Restored area										
		Plot Number										Plot Number										Plot Number										
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Herbaceous species and woody climbers																																
Creeping bent	<i>Agrostis stolonifera</i>																							5	5	6	5	5		4		5
Black-grass	<i>Alopecurus myosuroides</i>																														1	
Scarlet pimpernel	<i>Anagallis arvensis</i>																													2		
Wild angelica	<i>Angelica sylvestris</i>							2																1								
Cow parsley	<i>Anthriscus sylvestris(B)</i>																										1					
False oat-grass	<i>Arrhenatherum elatius</i>																						2					3				
Wild arum	<i>Arum maculatum(A)</i>	1																														
False wood-brome	<i>Brachypodium sylvaticum(A)</i>	8	8	7	8	9	9	8	5	5	9	3	1	1	2	2	2	2	4	2			8	5	4	6	6	6	2	4	5	2
Wood brome	<i>Bromus ramosus(A)</i>																						1									
Nettle-leaved bellflower	<i>Campanula trachelium</i>					1										1																
Shepherd's purse	<i>Capsella bursa-pastoris</i>																								2							
Large bittercress	<i>Cardamine amara</i>																					1										
Lady's smock	<i>Cardamine pratensis</i>							2								2				2									1	1		
Remote sedge	<i>Carex remota</i>																				2											1
Wood sedge	<i>Carex sylvatica</i>				2									1								1	1	1								
Common centaury	<i>Centaurium erythraea</i>																															
Common mouse-ear	<i>Cerastium fontanum</i>																								1		2	1			1	
Rosebay willowherb	<i>Chamerion angustifolium(B)</i>																						2			2	2	2	2	2	2	2
Fat-hen	<i>Chenopodium album</i>																										2	1				
Enchanter's nightshade	<i>Circaea lutetiana(A)</i>	2	4	2	2	2													3	1			1									
Creeping thistle	<i>Cirsium arvense(B)</i>																						1	1		2	2		2	2	2	2
Spear thistle	<i>Cirsium vulgare(B)</i>																						2		2	1	2	3				2
Traveller's-joy	<i>Clematis vitalba</i>											2	1				2															
Wild basil	<i>Clinopodium vulgare</i>									2	1					1																
Smooth hawk's-beard	<i>Crepis capillaris</i>																												2			
Tufted hair-grass	<i>Deshampsia cespitosa</i>	4	4	5	4	3		6		3	4	2									4		2	4		4	3	4	2		2	3
Teasel	<i>Dipsacus fullonum</i>																							1								
Broad buckler-fern	<i>Dryopteris dilatata(A)</i>	4														1	1	2		1											1	
Male fern	<i>Dryopteris filix-mas(A)</i>											2				2	2	2	2	1												
Broad-leaved willowherb	<i>Epilobium montanum(A)</i>			2																			2		2							
American willowherb	<i>Epilobium ciliatum</i>																												2			
Great hairy willowherb	<i>Epilobium hirsutum</i>																						1	2	2	2	2	2	2	2	2	3
Short-fruited willowherb	<i>Epilobium obscurum</i>																									2	2		1		2	2
Hoary willowherb	<i>Epilobium parviflorum</i>																			1									1	1		
Willowherb	<i>Epilobium sp.</i>														1																	
Square-stalked willowherb	<i>Epilobium tetragonum</i>																														2	
Wood spurge	<i>Euphorbia amygdaloides</i>	1										2								2												
Giant fescue	<i>Festuca gigantea(A)</i>												1																		2	
Meadow sweet	<i>Filipendula ulmaria</i>			4	4			3																								
Cleavers	<i>Galium aparine(B)</i>			2																			2	3			2				2	2
Woodruff	<i>Galium odoratum</i>											2											1		1					1		
Marsh bedstraw	<i>Galium palustre</i>							1													4								1			
Dove's-foot crane's-bill	<i>Geranium molle</i>																									1						
Herb robert	<i>Geranium robertianum(A)</i>																													1		
Wood avens	<i>Geum urbanum(A)</i>	2	2	2	3	3			2	2	2																					
Ground ivy	<i>Glechoma hederacea(A)</i>			4				4				5	1	2						5			5			4						7

		Broad-leaved woodland										Remaining conifers										Restored area									
		Plot Number										Plot Number										Plot Number									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Yorkshire fog	<i>Holcus lanatus</i>																				2				2	3	2	2		2	
Bluebell	<i>Hyacinthoides non-scripta</i>				#			#		#																					
Hairy St John's-wort	<i>Hypericum hirsutum</i>				2	1		2	1						2				2	1		1	1		1	2	3	1		1	
Square-stalked St John's-wort	<i>Hypericum tetrapterum</i>																												1	2	
Bristle club-rush	<i>Isolepis setacea</i>																											2			
Jointed rush	<i>Juncus articulatus</i>																								3	3	3	9	8	4	
Toad rush	<i>Juncus bufonius</i>																					2						2	2		
Conglomerate rush	<i>Juncus conglomeratus</i>																					2	2								
Soft rush	<i>Juncus effusus</i>																								2						
Flax rush	<i>Juncus inflexus</i>																												2	4	
Yellow archangel	<i>Lamiastrum galeobdolon</i>											1			5	5	3	2													
Yellow pimpernel	<i>Lysimachia nemorum</i>																		2												
Wood melick	<i>Melica uniflora</i>				4				3	4																					
Water mint	<i>Mentha aquatica</i>																	1		4											
Dog's mercury	<i>Mercurialis perennis</i>	6	6	5	3	4	6	4	8	9	8	2	1	5	2	7	8	5	2	2	2	1	2		2	2		2	2	2	
Three-veined sandwort	<i>Moehringia trinervia(A)</i>									1	2	2	2	3	2		2				4	3						2	2	2	
Field forget-me-not	<i>Myosotis arvensis(B)</i>																							1	2			1			
Red bartsia	<i>Odontites verna</i>																							2					1		
Common poppy	<i>Papaver rhoeas</i>																										1				
Rat-tail plantain	<i>Plantago major</i>																					1	2		1		2	2	2	2	
Wood meadow-grass	<i>Poa nemoralis</i>						2								3		2	5													
Meadow-grass species	<i>Poa sp.</i>							#													4	6	5		4	7	5	4	3	4	
Rough meadow-grass	<i>Poa trivialis(A)</i>			3		2			2	1																					
Knot-grass	<i>Polygonum aviculare</i>																											2			
Redshank	<i>Polygonum maculosa</i>																					2	2		2	2	2		2	2	
Creeping cinquefoil	<i>Potentilla reptans</i>																												2		
Barren strawberry	<i>Potentilla sterilis</i>		4	3		3																3									
Primrose	<i>Primula vulgaris</i>										1	1	1	1	2		2		2	1	2									2	
Self-heal	<i>Prunella vulgaris</i>																				1	1	2		2	2		1	1	2	
Creeping buttercup	<i>Ranunculus repens</i>																						2		2	2		1	1	2	
Wild mignonette	<i>Reseda lutea</i>																						2		2	2					
Bramble	<i>Rubus fruticosus(A)</i>			3	7	2	3	2		2						1		1			2	3	2		1			1	1		
Curled dock	<i>Rumex crispus</i>																														
Broad-leaved dock	<i>Rumex obtusifolius(B)</i>																								2						
Wood dock	<i>Rumex sanguineus(A)</i>			3			2	1		2							2	2		1	2			2	2	2				2	
Sanicle	<i>Sanicula europaea(A)</i>	1				2																									
Common figwort	<i>Scrophularia nodosa</i>						1				2				1		1					2	2	3	2	2	2	2	2	3	
Ragwort	<i>Senecio jacobaea</i>													1							2		2	2	2	2	1				
Sticky groundsel	<i>Senecio viscosus</i>																							2	2	2		2			
Groundsel	<i>Senecio vulgaris</i>																						2								
Red campion	<i>Silene dioica(A)</i>				1																										
Prickly sow-thistle	<i>Sonchus asper</i>																				1		2		2	2	2	2	2	1	
Hedge woundwort	<i>Stachys sylvatica(A)</i>															1															
Greater stitchwort	<i>Stellaria holostea</i>			2																											
Chickweed	<i>Stellaria media(B)</i>											1							2	1		2	2		2			2	2	2	
Dandelion	<i>Taraxacum officinale(B)</i>																						2				1				
Upright hedge-parsley	<i>Torilis japonica</i>																		1												
White clover	<i>Trifolium repens</i>																											2			

Appendix 2

The plant species (with Domin values) occurring in the 5m x 5m plots in Castor Hanglands

		Broad-leaved woodland										Remaining conifers										Restored area										
		Plot Number										Plot Number										Plot Number										
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Scentsless mayweed	<i>Tripleurospermum inodorum</i>																						2		4		2			1		
Coltsfoot	<i>Tussilago farfara</i>																						1		2		2		1			
Stinging nettle	<i>Urtica dioica</i>			2	2				1	1		2	1					2	2	3		2	3	3	1		1	2			2	2
Common valerian	<i>Valeriana officinalis</i>																						1		2		3	3				
Blue water-speedwell	<i>Veronica anagallis-aquatica</i>																								1							
Brooklime	<i>Veronica beccabunga</i>																															1
Germander speedwell	<i>Veronica chamaedrys</i>						2	2		3	2	2				2										2	2		2			1
Wood speedwell	<i>Veronica montana</i>			2	2	2																										
Bush vetch	<i>Vicia sepium</i>			3																												
Common dog-violet	<i>Viola riviniana</i>	3	3			2	4	2	2	2	2	2	1	1	2	2	3			3		2	1	2	2	2	3		2	1		2
Bryophytes																																
	<i>Atrichum undulatum</i>	p	p																													
	<i>Brachythecium rutabulum</i>	p		p		p								p									p									
	<i>Eurhynchium praelongum</i>		p		p	p	p		p			p	p			p				p												
	<i>Fissidens taxifolius</i>		p	p																												
	<i>Mnium hornum</i>	p	p			p	p	p				p																				
	<i>Plagiommium undulatum</i>			p																												
	<i>Plagiothecium undulatum</i>																															
	<i>Thuidium tamariscinum</i>																						p							p		
KEY																																
#	represented only by dead flower stalks																															
(C)	regrowth from cut stumps																															
p	present, but not assigned a domin value.																															
(A)	Peterken's fast colonising woodland species, most are characteristic of undisturbed communities in ancient woodland.																															
(B)	Peterken's shade bearing weed species, found mainly on waste ground and in hedges, infrequent in undisturbed ancient woodland communities.																															

		Broad-leaved woodland										Remaining conifers										Restored area									
		Plot Number										Plot Number										Plot Number									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
PERCENTAGE COVER																															
Open sky above plot		5										30										10									
Tree layer		100										100										90									
Shrub layer		70										5										10									
Field layer		50										90										80									
Bryophytes		10										25										80									
Litter		5										30										5									
Wood		3										5										2									
Bare ground		40										60										25									
SPECIES																															
Common Name	Scientific Name																														
Canopy																															
Ash	<i>Fraxinus excelsior</i>	7	7	9	8	8	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Honeysuckle	<i>Lonicera periclymenum</i>																														
Corsican pine	<i>Pinus nigra ssp maritima</i>								10	8	10	9	9	9	9	9	9	9	9	9	9										
Common oak	<i>Quercus robur</i>	7	8	4	8	8	10	4	9	9	9	4																			
Goat willow	<i>Salix caprea</i>												4																		
Black bryony	<i>Tamus communis</i>																		2												
Shrub layer																															
Field maple	<i>Acer campestre</i>	8	8	4	4			5		5											4										
Hazel	<i>Corylus avellana</i>			8	8	10	9	8	7	9	9	4			5						3	3	4	4							
Hawthorn	<i>Crataegus monogyna</i>				4	4	4	4	4	4																					
Ash	<i>Fraxinus excelsior</i>			4							4				7						4	5(C)	4(C)				4			5	
Holly	<i>Ilex aquifolium</i>			4																											
Honeysuckle	<i>Lonicera periclymenum</i>														2																
Crab apple	<i>Malus sylvestris</i>														4																
Blackthorn	<i>Prunus spinosa</i>																								4						
Common oak	<i>Quercus robur</i>																														
Rose	<i>Rosa sp</i>																														
Goat willow	<i>Salix caprea</i>			4									2								3	3	7				3			4	
Common willow	<i>Salix cinerea</i>																													5	
Guetlder rose	<i>Viburnum opulus</i>																								4						
Ground layer																															
Regenerating trees and shrubs																															
Field maple	<i>Acer campestre</i>	1				1		1																	3	2(C)			2		
Sycamore	<i>Acer pseudoplatanus</i>	1																													
Birch	<i>Betula sp.</i>																		2											1	
Dogwood	<i>Cornus sanguinea</i>																								4(C)						
Hazel	<i>Corylus avellana</i>										1							1		2	2	2	2(C)		2(C)					4	
Hawthorn	<i>Crataegus monogyna</i>																												2	3	
Ash	<i>Fraxinus excelsior</i>																													4	
Holly	<i>Ilex aquifolium</i>																														
Pine	<i>Pinus sp.</i>																								1	2	2			2	
Wild plum	<i>Prunus domestica</i>																													4	

		Broad-leaved woodland										Remaining conifers										Restored area									
		Plot Number										Plot Number										Plot Number									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Rat-tail plantain	<i>Plantago major</i>																														
Wood meadow-grass	<i>Poa nemoralis</i>		2	4	3	4				4	4		3	4	4				3	3								3	2		2
Rough meadow-grass	<i>Poa trivialis</i> (A)											4							3	3											
Silverweed	<i>Potentilla anserina</i> (B)																			2											
Barren strawberry	<i>Potentilla sterilis</i>	2				3	3											2													
Primrose	<i>Primula vulgaris</i>													1						1											
Self-heal	<i>Prunella vulgaris</i>								2			2				2						2	3	4	2	4	3	2	4		3
Fleabane	<i>Pulicaria dysenterica</i>																								2		3				
Creeping buttercup	<i>Ranunculus repens</i>																			1	2	5	4	3	4	3	3	4	4	4	4
Bramble	<i>Rubus fruticosus</i> (A)	6	5	6	4	6	5	8	7	4	8	4	2	4	4	3	3	4	2	4	4	1	2	2	3	2	3	3	3	4	4
Wood dock	<i>Rumex sanguineus</i> (A)								2									2	1		2	2	2	3	3	3	3	2	2	3	3
Common figwort	<i>Scrophularia nodosa</i>											2												1	2	3	3	1			1
Ragwort	<i>Senecio jacobaea</i>																			1											
Woody nightshade	<i>Solanum dulcamara</i> (B)																			1					2	2	2		4		
Prickly Sow-thistle	<i>Sonchus asper</i>																					1									
	<i>Sonchus arvensis</i>																													1	
Hedge woundwort	<i>Stachys sylvatica</i>											2							2		4	4	2	2	2	4	4	2	2	2	2
Black bryony	<i>Tamus communis</i> (A)																				3										
Stinging nettle	<i>Urtica dioica</i> (A)																					2						2			
Wood speedwell	<i>Veronica montana</i>					2																						2			
Bush vetch	<i>Vicia sepium</i>													3	1	2			2	2											
Smooth tare	<i>Vicia tetrasperma</i>																								2	2			2		
Common dog-violet	<i>Viola riviniana</i>	3		3	3	3	3	3	3	2	2	2	3	3	4	2	2	4	3	4	3				2	2			2		2
Bryophytes																															
	<i>Brachythecium rutabulum</i>										p										p										
	<i>Eurhynchium praelongum</i>	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
	<i>Fissidens</i> sp.	p	p	p	p	p	p	p	p	p	p																				
	<i>Hypnum cupressiforme</i>																														
	<i>Mnium hornum</i>																														
	<i>Plagiomnium undulatum</i>																														
	<i>Plagiothecium undulatum</i>																														
	<i>Thuidium lamariscinum</i>																														
Key																															
(C) Regrowth from cut stumps																															
* Occurring close to plot																															
p present, but not assigned a domin value																															
(A) Peterken's fast colonising woodland species. Most are characteristic of undisturbed communities in ancient woodland																															
(B) Peterken's shade-bearing weed species, found mainly on waste ground and in hedges, infrequent in undisturbed ancient woodland communities.																															

The plant species (with Domin values) occurring in the 5m x 5m plots in Mortimer Forest

		Broad-leaved woodland										Remaining conifers										Restored area									
		Plot number										Plot number										Plot number									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
PERCENTAGE COVER																															
Open sky above plot		5			5	2		5	5	5	2	40	25	40	10	50	5	45		10	15	100	100	100	100	95	100	100	100	90	80
Tree layer		95	100	100	95	98	100	95	95	95	98	60	75	60	90	50	95	55	100	90	85					5				20	20
Shrub layer			5	50				5	5		15											5									
Field layer		95	95	100	98	98	95	95	95	75	95	10	15	10	10	20	3	60	40	45	3	3	5	95	20	25	35	10	80	30	80
Bryophytes		1	3	<1	<1	<1	<1	<1	<1	2	<1	20	10	60	2	30	2	20	25	5	3		2	2	3	2	2	1		2	<1
Litter		5	5	<1	3	2	5	5	5	20	2	95	75	30	90	30	90	20	50	95	95	100	95	95	100	60	60			80	100
Wood		1	1	<1	<1	2	2	2	5	5	85	50	5	60	60	90	10	5	10	75	80	95	95	10	3	40	100	30	3	5	
Bare ground																															
SPECIES																															
Common Name	Scientific Name																														
Canopy																															
Silver birch	<i>Betula pendula</i>											4																			
Beech	<i>Fagus sylvatica</i>				4																										
Sessile oak	<i>Quercus petraea</i>				10	10	10	10	10	10	10									4											
Hybrid oak	<i>Quercus robur x petraea</i>																										4*			5	5
Rowan	<i>Sorbus aucuparia</i>																														
Western hemlock-spruce	<i>Tsuga heterophylla</i>											8	8	8	9	7	10	8	10	9	9										
Shrub layer																															
Beech	<i>Fagus sylvatica</i>		4*	*	*				4*		5																				
Sessile oak	<i>Quercus petraea</i>							4(C)																							
Rowan	<i>Sorbus aucuparia</i>			7	*																										
Western hemlock-spruce	<i>Tsuga heterophylla</i>																					4									
Field layer																															
Regenerating trees and shrubs																															
Birch	<i>Betula sp.</i>										1			2	1	1			1	1							1	2	2	2	
Beech	<i>Fagus sylvatica</i>		4	1	1			1	4																						
Holly	<i>Ilex aquifolium</i>													1		1														1	1
Oak	<i>Quercus sp.</i>	2	2	2	2	2	3	3	3	2	3,4(C)											2(C)									
Rowan	<i>Sorbus aucuparia</i>			2						1	1																			1	
Western hemlock-spruce	<i>Tsuga heterophylla</i>	1							1			2	4	4	4	5	3	2	4	7	2	2	4	2	2	1	2	4	2	1	1

Appendix 4

The plant species (with Domin values) occurring in the 5m x 5m plots in Mortimer Forest

		Broad-leaved woodland										Remaining conifers										Restored area										
		Plot number										Plot number										Plot number										
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Herbaceous species and woody climbers																																
Hard fern	<i>Blechnum spicant</i>																1			1												
Wavy bittercress	<i>Cardamine flexuosa</i>																	2														
Rosebay willowherb	<i>Chamerion angustifolium(B)</i>																	3		2			2	2	2	2	2	2	2			4
Wavy hair-grass	<i>Deschampsia flexuosa</i>	5	4	5	2	4	4	4	4	4	4															2						2
Foxglove	<i>Digitalis purpurea</i>													1		2		2	2	3	2	2	1	1		1				1		2
Broad buckler-fern	<i>Dryopteris dilatata(A)</i>		2									4	4	4	2	5		3	4	4	2		3	3	2	2	4	2	2	4	2	2
Male fern	<i>Dryopteris filix-mas(A)</i>													1		2																
Heath bedstraw	<i>Galium saxatile</i>																									1						
Yorkshire fog	<i>Holcus lanatus</i>																			1										1		
Honeysuckle	<i>Lonicera periclymenum(A)</i>					3																				2	3					
Great woodrush	<i>Luzula sylvatica</i>													1												1						1
Common cow- wheat	<i>Melampyrum pratense</i>					1		2		2																						
Bracken	<i>Pteridium aquilinum</i>	1	1		1	1	1		2	2										2												4
Bramble	<i>Rubus fruticosus(A)</i>						2		1					3		2	2	7	4	2			2	4	10	5	4	6	4	9	6	8
Groundsel	<i>Senecio vulgaris</i>																									1				1		
Stinging nettle	<i>Urtica dioica(A)</i>															1		2	3													
Bilberry	<i>Vaccinium myrtillus</i>	9	9	10	10	10	10	10	10	8	10	2			1		1				2											
Bryophytes																																
	<i>Atrichum undulatum</i>													p		p				p												
	<i>Campylopus fragilis</i>																															
	<i>Dicranella heteromalla</i>							p						p																		
	<i>Dicranum scoparium</i>	p	p				p		p																							
	<i>Eurhynchium praelongum</i>			p		p		p		p		p	p	p		p	p		p	p	p	p										
	<i>Hypnum cupressiforme</i>		p	p		p		p	p	p			p	p	p		p			p	p				p	p					p	p
	<i>Isopterygium elegans</i>			p				p		p		p																				
	<i>Lophocolea bidentata</i>							p																								
	<i>Mnium hornum</i>	p	p	p	p	p		p	p	p		p	p	p	p	p	p		p	p	p	p	p	p	p	p	p	p			p	
	<i>Plagiothecium undulatum</i>											p	p	p		p	p			p	p		p	p								
	<i>Polytrichum commune</i>																			p	p				p							
	<i>Tetraphis pellucida</i>							p																								
	<i>Thuidium tamariscinum</i>																p															
Key																																
p present but not assigned a Domin value																																
* near to, but not contributing to cover in plot																																
(A) Peterken's fast colonising woodland species, most are characteristic of undisturbed communities in ancient woodland.																																
(B) Peterken's shade-bearing weed species, found mainly on waste ground and in hedges, infrequent in undisturbed ancient woodland communities.																																

The plant species (with Domin values) occurring in the 5m x 5m plots in Eaton and Gamston Woods.

	Broad-leaved woodland										Remaining conifers										Restored area									
	Plot number										Plot number										Plot number									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
PERCENTAGE COVER																														
Open sky above plot	2	5			5	5	2		3	5			2	5	5		10	5		2	100	100	60	70	50	50	100	70	100	60
Tree layer	95	95	95	95	95	95	98	90	95	70	100	100	95	95	95	100	90	95	100	98			20	30	90	50		30		40
Shrub layer	50	20	10	40	15	5	5	40	60	70				5	5								20		3					2
Field layer	75	60	80	60	50	70	95	30	65	80	3	55	75	95	15	90	80	75		95	90	100	100	95	95	100	100	80	75	40
Bryophytes	85	50	80	60	80	50	40	80	35	70		3	3	3	3	15	5	3	2	3	5	40	10	5	5	20	5	5	10	5
Litter	3	20	2	2	2	5	3	3	4	3	95	90	95	95	98	85	95	70	100	80				5	5	5	5	5	15	20
Wood			5	5	10	3	5	15	5	10	3	2	5		3	5	10	10		3	50	40	15	5	5	10	5	5	5	40
Bare ground	2		2	3		5	3	10	10	10	3				2	10											2			
SPECIES																														
Common Name	Scientific Name																													
Canopy																														
Sycamore	<i>Acer pseudoplatanus</i>																													
Silver birch	<i>Betula pendula</i>																													
Beech	<i>Fagus sylvatica</i>																													
Ash	10	10	10	10	10	9	10	9	10	8							5						5	6	7	7		5		7
Pine	<i>Pinus nigra</i>																													
Pedunculate oak	<i>Quercus robur</i>																													
Shrub layer																														
Field maple	<i>Acer campestre</i>																													
Sycamore	<i>Acer pseudoplatanus</i>																													
Hazel	4	4	2	6	5								4										4							
Hawthorn	4	3				3	5	5															5							
Honeysuckle	<i>Lonicera periclymenum</i>																													
Pedunculate oak	<i>Quercus robur</i>																													
Dog rose	<i>Rosa canina</i>																													
Elder	<i>Sambucus nigra</i>																													
Wych elm	7	4	4	4	4		5	5	8								2													
Field layer																														
Regenerating trees and shrubs																														
Field maple	<i>Acer campestre</i>																													
Sycamore	<i>Acer pseudoplatanus</i>																													
Birch	<i>Betula sp.</i>																													
Dogwood	<i>Cornus sanguinea</i>																													
Hazel	<i>Corylus avellana</i>																													
Hawthorn	<i>Crataegus monogyna</i>																													
Ash	<i>Fraxinus excelsior</i>																													
Holly	<i>Ilex sp.</i>																													
Rose	<i>Rosa sp.</i>																													
Herbaceous species and woody climbers																														
Lesser burdock	<i>Arctium minus agg (B)</i>																													
False oat-grass	<i>Arrhenatherum elatius</i>																													
Wild arum	<i>Arum maculatum</i>																													
Wood brome	<i>Bromus ramosus(A)</i>																													
Wood sedge	<i>Carex sylvatica</i>																													
Rosebay willowherb	<i>Chamaenerion angustifolium(B)</i>																													
Enchanter's nightshade	<i>Circaea lutetiana(A)</i>																													
Spear thistle	<i>Cirsium vulgare(B)</i>																													

The plant species (with Domin values) occurring in the 5m x 5m plots in Eaton and Gamston Woods,

		Broad-leaved woodland										Remaining conifers										Restored area									
		Plot number										Plot number										Plot number									
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Tufted hair-grass	<i>Deschampsia cespitosa</i>																														
Broad buckler-fern	<i>Dryopteris dilatata</i> (A)																														
Male fern	<i>Dryopteris filix-mas</i> (A)																														
Great hairy willowherb	<i>Epilobium hirsutum</i>																														
Broad-leaved willowherb	<i>Epilobium montanum</i> (A)																														
Short-fruited willowherb	<i>Epilobium obscurum</i>																														
Meadow sweet	<i>Filipendula ulmaria</i>																														
Cleavers	<i>Galium aparine</i> (B)	4	4	3	3	4	3	2		3	4																				
Wood avens	<i>Geum urbanum</i> (A)	4		4	4		2	3	1	3																					
Ivy	<i>Hedera helix</i> (A)																					2									
Yorkshire fog	<i>Holcus lanatus</i>																														
Bluebell	<i>Hyacinthoides non-scripta</i>																														
Hairy St. John's-wort	<i>Hypericum hirsutum</i>																														
Soft rush	<i>Juncus effusus</i>											1							2			1								2	3
Honeysuckle	<i>Lonicera periclymenum</i> (A)												1	2			3														
Dog's mercury	<i>Mercurialis perennis</i>	7		7	6	4	6	2	4	7	8											9	2							5	5
Wood meadow-grass	<i>Poa nemoralis</i>				4		5	4	4	4																				3	
Rough meadow-grass	<i>Poa trivialis</i>											2	2			1															
Redshank	<i>Polygonum maculosa</i>																														
Barren strawberry	<i>Potentilla stentis</i>																														
Self-heal	<i>Prunella vulgaris</i>																														
Bracken	<i>Pteridium aquilinum</i>											2				3															
Ramble	<i>Rubus fruticosus</i> (A)	4	8	6	4	7	6	3		4		2	8	8	10	4	9	8	8		10	3	9	9	9	9	10	10	8	8	4
Red campion	<i>Silene dioica</i> (A)	2	3			2	4	3	1	4	4																				
Hedge-windwort	<i>Stachys sylvatica</i> (A)																														
Greater stitchwort	<i>Stellaria holostea</i>			4																											1
Upright hedge-parsley	<i>Taraxacum officinale</i> (B)																														
Stinging nettle	<i>Urtica dioica</i> (A)			1	2	4		4	3	4												2									1
Wood speedwell	<i>Veronica montana</i>				5																										
Common dog violet	<i>Viola riviniana</i>			2																											
Bryophytes																															
	<i>Atrichum undulatum</i>																														
	<i>Brachythecium rutabulum</i>	p	p			p																									
	<i>Dicranella heteromalla</i>																														
	<i>Eurhynchium praelongum</i>	p	p	p	p	p		p	p	p	p																				
	<i>Fissidens taxifolius</i>	p																													
	<i>Hypnum cupressiforme</i>																														
	<i>Isopterygium elegans</i>																														
	<i>Lophocolea bidentata</i>																														
	<i>Mnium hornum</i>	p		p		p		p																							
	<i>Thuidium tamariscinum</i>																														
Key																															
	p	present in plot , but not assigned a Domin value																													
	*	near to plot but not contributing to cover in it																													
	(C)	regrowth from cut stumps																													
	&(C)	regrowth from cut stumps and establishment from seedlings																													
	(A)	Peterken's fast colonising woodland species, most are characteristic of undisturbed communities in ancient woodland																													
	(B)	Peterken's shade-bearing weed species, found mainly on waste ground and in hedges, infrequent in undisturbed ancient woodland communities																													

Scientific name	Common name	Castor Hanglands			Foxley Wood			Mortimer Forest			Eaton and Gamston Woods		
		Broad-leaved woodland	Remaining conifers	Restored area	Broad-leaved woodland	Remaining conifers	Restored area	Broad-leaved woodland	Remaining conifers	Restored area	Broad-leaved woodland	Remaining conifers	Restored area
Stress tolerators													
<i>Blechnum spicant</i>	Hard fern							0%	20%	0%			
<i>Carex sylvatica</i> *	Wood sedge				50%	90%	10%				10%	0%	0%
<i>Galium saxatile</i>	Heath bedstraw							0%	0%	10%			
<i>Moehringia trinervia</i> (A)	Three-veined sandwort	20%	60%	50%	0%	20%	0%						
<i>Potentilla sterilis</i> *	Barren strawberry	30%	0%	10%	30%	10%	0%				0%	0%	10%
<i>Sanicula europaea</i>	Sanicle	20%	0%	0%									
<i>Viola riviniana</i> *	Common dog-violet	80%	70%	90%	90%	100%	10%				10%	0%	10%
Group two species (SR, SC, C/SC, S/SC, R/SR)													
<i>Arum maculatum</i> (A)	Wild arum	10%	0%	20%									
<i>Brachypodium sylvaticum</i> (B)	Wood false-brome	100%	90%	100%	10%	0%	0%						
<i>Carex pendula</i> *	Pendulous sedge				10%	20%	90%						
<i>Cardamine flexuosa</i>	Wavy bittercress							0%	10%	0%			
<i>Centaurea erythraea</i>	Common centaury	0%	0%	10%									
<i>Deschampsia flexuosa</i>	Wavy hair-grass							100%	0%	20%			
<i>Dryopteris filix-mas</i> (A)	Male fern	20%	60%	0%	30%	40%	10%	0%	20%	0%	10%	90%	0%
<i>Filipendula ulmaria</i>	Meadow sweet	30%	0%	10%	30%	30%	20%				10%	0%	0%
<i>Geranium molle</i>	Dove's-foot crane'sbill	0%	0%	10%									
<i>Hedera helix</i> (A)	Ivy										0%	0%	10%
<i>Juncus conglomeratus</i>	Conglomerate rush	0%	0%	20%	0%	0%	60%						
<i>Juncus effusus</i>	Soft rush	0%	0%	10%	0%	10%	80%				0%	30%	0%
<i>Juncus inflexus</i>	Hard rush	0%	0%	20%	0%	0%	20%						
<i>Lamium galeobdolon</i> *	Yellow archangel	0%	50%	0%									
<i>Lonicera periclymenum</i> (A)	Honeysuckle				0%	70%	40%	10%	0%	20%	0%	40%	10%
<i>Melampyrum pratense</i>	Common cow-wheat							30%	0%	0%			
<i>Melica uniflora</i> *	Wood melick	30%	0%	0%									
<i>Mercurialis perennis</i> *	Doa's mercury	100%	100%	80%	90%	100%	20%				100%	0%	80%
<i>Myosotis arvensis</i> (B)	Field forget me not	0%	10%	30%	0%	0%	20%						
<i>Pulicaria dysenterica</i>	Fleabane				0%	0%	20%						
<i>Rubus fruticosus</i> (A)	Bramble	60%	20%	60%	100%	100%	90%				80%	90%	100%
<i>Vaccinium myrtillus</i>	Blitberry							100%	40%	0%			
Ruderals													
<i>Capsella bursa-pastoris</i>	Shepherd's purse	0%	0%	10%									
<i>Juncus bulbosus</i>	Toad rush	0%	0%	30%									
<i>Odonites verna</i>	Red bartsia	0%	0%	20%									
<i>Papaver rhoeas</i>	Common poppy	0%	0%	10%									
<i>Polygonum maculosum</i>	Redshank	0%	0%	80%							0%	0%	10%
<i>Rumex crispus</i>	Curled dock	0%	0%	20%									
<i>Senecio viscosus</i>	Sticky groundsel	0%	0%	20%									
<i>Senecio vulgaris</i>	Groundsel	0%	0%	10%				0%	0%	20%			
<i>Stellaria media</i> (B)	Chickweed	0%	30%	70%									
<i>Tripleurospermum inodorum</i>	Scentless mayweed	0%	0%	40%									
Competitors													
<i>Chamerion angustifolium</i> (B)	Rosebay willowherb	0%	0%	80%				0%	20%	80%	0%	0%	50%
<i>Cirsium arvense</i> (B)	Creeping thistle	0%	0%	80%	0%	10%	100%				0%	0%	10%
<i>Epilobium hirsutum</i>	Great hairy willowherb	0%	0%	100%	0%	0%	60%				0%	0%	10%
<i>Holcus mollis</i>	Creeping soft-grass				0%	0%	10%				0%	20%	0%
<i>Pteridium aquilinum</i>	Bracken							70%	10%	10%	0%	20%	0%
<i>Urtica dioica</i> (A)	Stinging nettle	40%	50%	80%	0%	0%	20%	0%	30%	0%	60%	0%	10%
Group one species (CR, C/CR, R/CR)													
<i>Agrostis stolonifera</i>	Creeping bent	0%	0%	70%	0%	0%	40%						
<i>Angelica sylvestris</i>	Wild angelica	10%	0%	10%	10%	70%	40%						
<i>Anthriscus sylvestris</i>	Cow parsley	0%	0%	10%									
<i>Arctium minus agg</i>	Lesser burdock			0%	0%	0%	40%				0%	0%	40%
<i>Cardamine amara</i>	Large bittercress	0%	10%	0%									
<i>Circaea lutetiana</i> (A)	Enchanter's nightshade	50%	20%	10%	60%	20%	0%				20%	0%	70%
<i>Cirsium palustre</i>	Marsh thistle				0%	20%	0%						
<i>Cirsium vulgare</i> (B)	Spear thistle	0%	0%	60%							0%	0%	30%
<i>Epilobium ciliatum</i>	American willowherb	0%	0%	10%									
<i>Galium aparine</i> (B)	Cleavers	10%	0%	50%							90%	0%	80%
<i>Hieracium sphondylium</i> (B)	Hogweed				0%	10%	0%						
<i>Lapsana communis</i> (B)	Nipplewort				0%	10%	0%						
<i>Ranunculus repens</i>	Creeping buttercup			60%	0%	20%	80%						
<i>Rumex obtusifolius</i>	Broad-leaved dock	0%	0%	10%									
<i>Scrophularia nodosa</i> *	Common figwort	10%	30%	90%	0%	20%	50%						
<i>Senecio jacobaea</i>	Ragwort	0%	10%	80%									
<i>Sonchus asper</i>	Prickly sow thistle			90%									
<i>Stachys sylvatica</i> (A)	Hodgkewoundwort	0%	10%	0%	0%	30%	90%				0%	0%	10%
<i>Tamus communis</i> (A)	Black bryony				0%	10%	0%						
<i>Tussilago farfara</i>	Coltsfoot	0%	0%	40%									
<i>Veronica beccabunga</i>	Brooklime	0%	0%	10%									

Key

- * Also an ancient woodland indicator species
- (A) included on Peterken's list of fast colonising woodland species
- (B) included on Peterken's list of shade-bearing weeds

Ecological strategies.

- SC Stress tolerant competitor
- C Competitor
- R Ruderal
- SR Stress tolerant ruderal
- CR Competitive ruderal
- C/CR intermediate between two strategies