



Quadrat 3

Table 21 - Land Adjacent to the Shropshire Union Canal LWS - Southern Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 41576 71249	SJ 41560 71233	SJ 41545 71237	
Scientific Name	Common Name	Cover (Domin)			
<i>Alopecurus pratensis</i>	meadow foxtail	6	5	4	V
<i>Festuca rubra</i>	red fescue	8	8	7	V
<i>Lolium perenne</i>	perennial rye-grass	3	6	2	V
<i>Ranunculus repens</i>	creeping buttercup	5	5	6	V
<i>Agrostis stolonifera</i>	creeping bent		5	7	IV
<i>Cardamine pratensis</i>	cuckoo-flower	1		3	IV
<i>Taraxacum officinale</i> agg.	dandelion	2	2		IV
<i>Carex hirta</i>	hairy sedge		4		II
<i>Deschampsia cespitosa</i>	tufted hair-grass		5		II
<i>Ranunculus acris</i>	meadow buttercup	2			II
<i>Ranunculus repens</i>	creeping buttercup			4	II
MATCH Similarity Coefficients %					
MG7d	MG10b	MG10a	MG7c	MG9	
45.1	36.4	36.3	36.2	36.0	
					

Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 22 - Access Track – Western End of River Gowy Species List

Scientific Name	Common Name	DAFOR
<i>Achillea millefolium</i>	yarrow	R
<i>Alliaria petiolata</i>	garlic mustard	F
<i>Anthriscus sylvestris</i>	cow parsley	F
<i>Arrhenatherum elatius</i>	false oat-grass	A
<i>Artemisia vulgaris</i>	mugwort	R
<i>Brassica napus</i> ssp. <i>oleifera</i>	oil-seed rape	R
<i>Bromus hordeaceus</i>	soft-brome	R
<i>Cerastium fontanum</i>	common mouse-ear	O
<i>Cirsium arvense</i>	creeping thistle	O
<i>Dactylis glomerata</i>	cock's-foot	A
<i>Epilobium hirsutum</i>	great willowherb	R
<i>Festuca rubra</i>	red fescue	R
<i>Ficaria verna</i>	lesser celandine	O
<i>Galium aparine</i>	cleavers	A
<i>Geranium molle</i>	dove's-foot crane's-bill	O
<i>Geranium pyrenaicum</i>	hedgerow crane's-bill	R
<i>Heracleum sphondylium</i>	hogweed	F
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Hypochaeris radicata</i>	cat's-ear	R
<i>Jacobaea vulgaris</i>	common ragwort	O
<i>Lamium purpureum</i>	red dead-nettle	O
<i>Leontodon autumnalis</i>	autumn hawkbit	R
<i>Lolium perenne</i>	perennial rye-grass	F
<i>Pentaglottis sempervirens</i>	green alkanet	R
<i>Plantago lanceolata</i>	ribwort plantain	F
<i>Plantago major</i>	greater plantain	O
<i>Poa pratensis</i>	smooth meadow-grass	R
<i>Silene dioica</i>	red campion	O
<i>Sonchus oleraceus</i>	smooth sow-thistle	R
<i>Stachys sylvatica</i>	hedge woundwort	O

Scientific Name	Common Name	DAFOR
<i>Taraxacum officinale</i> agg.	dandelion	F
<i>Tragopogon pratensis</i>	goat's-beard	R
<i>Trifolium pratense</i>	red clover	O
<i>Urtica dioica</i>	common nettle	A
<i>Vicia sativa</i>	common vetch	O

Table 23 - River Gowy - Grassland (West of River)

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43541 72764	SJ 43533 72752	SJ 43504 72733	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	7	8	8	V
<i>Juncus effusus</i>	soft rush	1	3	2	V
<i>Alopecurus geniculatus</i>	marsh foxtail		4	5	IV
<i>Deschampsia cespitosa</i>	tufted hair-grass	4		2	IV
<i>Glyceria fluitans</i>	floating sweet-grass	5		3	IV
<i>Lolium perenne</i>	perennial rye-grass	4			II
<i>Ranunculus repens</i>	creeping buttercup			1	II
<i>Rumex obtusifolius</i>	broad-leaved dock	1			II
<i>Urtica dioica</i>	common nettle			1	II
MATCH Similarity Coefficients %					
MG13	MG10a	MG10	MG10c	MG10b	
48.8	43.7	40.1	37.5	36.8	
					
Quadrat 1		Quadrat 2			



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Table 24 - River Gowy - Grassland to South of M56 and Along Banks of River Gowy

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43686 72917	SJ 43763 72962	SJ43972 73044	
Scientific Name	Common Name	Cover (Domin)			
<i>Arrhenatherum elatius</i>	false oat-grass	8	7	8	V
<i>Brassica napus ssp. oleifera</i>	oil-seed rape	3	1	1	V
<i>Galium aparine</i>	cleavers	4	5	2	V
<i>Urtica dioica</i>	common nettle	3	5	4	V
<i>Dactylis glomerata</i>	cock's-foot	4	2		IV
<i>Holcus lanatus</i>	Yorkshire-fog	3	2		IV
<i>Alopecurus pratensis</i>	meadow foxtail	6			II
<i>Rumex acetosa</i>	common sorrel			5	II
<i>Jacobaea vulgaris</i>	common ragwort		2		II
<i>Anthriscus sylvestris</i>	cow parsley		4		II
<i>Brachythecium rutabulum</i>	rough-stalked feather-moss			2	II
<i>Cardamine hirsuta</i>	hairy bitter-cress		2		II
<i>Geranium dissectum</i>	cut-leaved crane's-bill			2	II
<i>Heracleum sphondylium</i>	hogweed		1		II
<i>Rubus fruticosus</i> agg.	bramble			1	II
<i>Silene dioica</i>	red campion			1	II
MATCH Similarity Coefficients %					
MG1b	MG1c	MG1	MG9b	MG1a	
51.8	47.7	43.2	39.1	38.4	

	
Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 25 - River Gowy - Reed Canary-Grass Dominated Areas

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43723 72874	SJ 43734 72883	SJ 43741 72884	
Scientific Name	Common Name	Cover (Domin)			
<i>Arrhenatherum elatius</i>	false oat-grass	3	4	4	V
<i>Phalaris arundinacea</i>	reed canary-grass	9	9	9	V
<i>Urtica dioica</i>	common nettle	6	3	5	V
<i>Galium aparine</i>	cleavers		2	4	IV
<i>Brassica napus ssp. oleifera</i>	oil-seed rape		1		II
<i>Cirsium palustre</i>	marsh thistle		2		II
<i>Deschampsia cespitosa</i>	tufted hair-grass		3		II
<i>Epilobium hirsutum</i>	great willowherb			3	II
<i>Galeopsis tetrahit</i>	common hemp-nettle		3		II
<i>Ranunculus repens</i>	creeping buttercup			2	II
<i>Solanum dulcamara</i>	bittersweet			2	II
MATCH Similarity Coefficients %					
S28	S28b	S28a	S26b	S26	
61.5	61.2	48.8	46.7	45.0	
					

Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 26 - River Gowy - Rush Dominated Areas

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43742 72836	SJ 43766 72853	SJ43789 72856	
Scientific Name	Common Name	Cover (Domin)			
<i>Deschampsia cespitosa</i>	tufted hair-grass	7	6	8	V
<i>Galeopsis tetrahit</i>	common hemp-nettle	2	4	1	V
<i>Holcus lanatus</i>	Yorkshire-fog	2	1	2	V
<i>Juncus effusus</i>	soft rush	8	9	7	V
<i>Ranunculus repens</i>	creeping buttercup	1	3	5	V
<i>Rumex crispus</i>	curled dock	4	6	5	V
<i>Alopecurus pratensis</i>	meadow foxtail			3	II
<i>Cirsium palustre</i>	marsh thistle	3			II
<i>Epilobium hirsutum</i>	great willowherb	2			II
<i>Galium aparine</i>	cleavers	1			II
<i>Rumex acetosa</i>	common sorrel		3		II
<i>Rumex obtusifolius</i>	broad-leaved dock	3			II
<i>Solanum dulcamara</i>	bittersweet		4		II
MATCH Similarity Coefficients %					
MG10	MG10a	MG9	MG10c	MG10b	
43.7	42.1	38.7	37.5	36.9	
					

Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 27 - River Gowy - Bulrush Dominated Area

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43930 72934	SJ 43970 72961	SJ 43986 72965	
Scientific Name	Common Name	Cover (Domin)			
<i>Epilobium ciliatum</i>	American willowherb	2	3	4	V
<i>Galium palustre</i>	marsh-bedstraw	3	4	5	V
<i>Juncus effusus</i>	soft rush	4	6	6	V
<i>Rumex crispus</i>	curled dock	3	4	5	V
<i>Typha latifolia</i>	bulrush	9	6	7	V
<i>Urtica dioica</i>	common nettle		4	4	IV
<i>Calliergonella cuspidata</i>	pointed spear-moss			6	II
<i>Cardamine flexuosa</i>	wavy bitter-cress			5	II
<i>Cardamine pratensis</i>	cuckoo-flower			3	II
<i>Cirsium palustre</i>	marsh thistle			3	II
<i>Deschampsia cespitosa</i>	tufted hair-grass			4	II
<i>Ranunculus repens</i>	creeping buttercup	2			II
<i>Sparganium erectum</i>	branched bur-reed		8		II
MATCH Similarity Coefficients %					
S12	S12b	S12a	S15	S15b	
43.0	39.7	33.6	32.7	32.6	

	
Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 28 - River Gowy - Rush Dominated Area (North-East Corner of Field)

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43813 72827	SJ 43803 72811	SJ 43789 72797	
Scientific Name	Common Name	Cover (Domin)			
<i>Galeopsis tetrahit</i>	common hemp-nettle	2	1	2	V
<i>Holcus lanatus</i>	Yorkshire-fog	2	5	6	V
<i>Juncus effusus</i>	soft rush	8	7	8	V
<i>Persicaria maculosa</i>	redshank	4	3	5	V
<i>Rumex acetosa</i>	common sorrel	7	5	6	V
<i>Ceratocapnos claviculata</i>	climbing corydalis		2		II
<i>Cirsium arvense</i>	creeping thistle		2		II
<i>Deschampsia cespitosa</i>	tufted hair-grass			3	II
<i>Epilobium ciliatum</i>	American willowherb		2		II
<i>Galium palustre</i>	marsh-bedstraw		5		II
<i>Kindbergia praelonga</i>	common feather-moss		2		II
<i>Senecio vulgaris</i>	groundsel			1	II
MATCH Similarity Coefficients %					
MG10a	MG10	MG9a	MG9	MG9b	
35.1	29.3	26.1	25.6	24.6	
					
Quadrat 1		Quadrat 2			



Quadrat 3

Table 29 - River Gowy - Tufted Hair-Grass Dominated Area (Main Field)

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 43800 72779	SJ 43764 72751	SJ 43749 72754	
Scientific Name	Common Name	Cover (Domin)			
<i>Deschampsia cespitosa</i>	tufted hair-grass	8	6	8	
<i>Holcus lanatus</i>	Yorkshire-fog	2	8	5	
<i>Rumex acetosa</i>	common sorrel	6	5	4	
<i>Cirsium palustre</i>	marsh thistle		2	1	
<i>Juncus effusus</i>	soft rush	3		3	
<i>Persicaria maculosa</i>	redshank	5		5	
<i>Phalaris arundinacea</i>	reed canary-grass		5		
<i>Potentilla reptans</i>	creeping cinquefoil			4	
<i>Urtica dioica</i>	common nettle			1	
MATCH Similarity Coefficients %					
MG10a	MG9	MG9a	MG10	MG9b	
35.3	31.1	29.1	29.0	26.5	
					
Quadrat 1		Quadrat 2			

	
Quadrat 3	

Table 30 - Frodsham Ince Marshes LWS - Western Fields

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 46678 25423	SJ 46722 75497	SJ 48804 75593	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	8	8	8	V
<i>Deschampsia cespitosa</i>	tufted hair-grass	6	7	6	V
<i>Glyceria fluitans</i>	floating sweet-grass	4	2	4	V
<i>Lolium perenne</i>	perennial rye-grass		6	4	IV
MATCH Similarity Coefficients %					
MG13	MG9	MG9b	MG9a	MG1a	
38.5	27.6	27.1	25.5	24.6	
					
Quadrat 1		Quadrat 2			

	
Quadrat 3	

Table 31 - Frodsham Ince Marshes LWS - Eastern Fields

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 46970 77570	SJ 46948 75589	SJ 46924 75624	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	9	10	8	V
<i>Deschampsia cespitosa</i>	tufted hair-grass	4	5	6	V
<i>Lolium perenne</i>	perennial rye-grass	7	6	7	V
<i>Holcus lanatus</i>	Yorkshire-fog	2		5	IV
<i>Alopecurus pratensis</i>	meadow foxtail		3		II
<i>Cirsium arvense</i>	creeping thistle			3	II
<i>Cirsium vulgare</i>	spear thistle			1	II
<i>Juncus effusus</i>	soft rush	4			II
<i>Rumex crispus</i>	curled dock	2			II
MATCH Similarity Coefficients %					
MG9b	MG9	MG13	MG9a	MG11a	
50.3	47.6	46.2	44.4	43.9	
					
Quadrat 1		Quadrat 2			

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Table 32 - Frodsham Ince Marshes - Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 46887 75868	SJ 46907 75846	SJ 46932 75823	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	8	7	4	V
<i>Alopecurus pratensis</i>	meadow foxtail	6	6	5	V
<i>Juncus effusus</i>	soft rush	4	1	2	V
<i>Lolium perenne</i>	perennial rye-grass	4	8	8	V
<i>Taraxacum officinale</i> agg.	dandelion	1	5	6	V
<i>Trifolium repens</i>	white clover	3	8	4	V
<i>Cardamine pratensis</i>	cuckoo-flower	2	2		IV
<i>Ranunculus repens</i>	creeping buttercup	7	6		IV
<i>Cerastium fontanum</i>	common mouse-ear		2		II
<i>Cirsium arvense</i>	creeping thistle			3	II
<i>Glyceria fluitans</i>	floating sweet-grass	5			II
<i>Juncus inflexus</i>	hard rush		2		II
<i>Poa trivialis</i>	rough meadow-grass	3			II
<i>Ranunculus acris</i>	meadow buttercup			6	II
MATCH Similarity Coefficients %					
MG10	MG10a	MG10b	MG7d	MG7c	
59.0	59.0	56.5	52.7	50.5	

	
Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 33 - Frodsham Ince Marshes LWS - Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 46785 75961	SJ 46839 75943	SJ 46916 75923	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	2	8	7	V
<i>Alopecurus pratensis</i>	meadow foxtail	6	4	5	V
<i>Cirsium arvense</i>	creeping thistle	3	2	5	V
<i>Lolium perenne</i>	perennial rye-grass	9	6	7	V
<i>Ranunculus acris</i>	meadow buttercup	3	5	6	V
<i>Taraxacum officinale</i> agg.	dandelion	6	5	4	V
<i>Cerastium fontanum</i>	common mouse-ear	2		2	IV
<i>Rumex obtusifolius</i>	broad-leaved dock	2		2	IV
<i>Stellaria media</i>	common chickweed	2	2		IV
<i>Trifolium repens</i>	white clover	7	8		IV
<i>Rumex acetosa</i>	common sorrel			1	II
MATCH Similarity Coefficients %					
MG7d	MG11a	MG7c	MG6a	MG7b	
55.2	53.9	51.4	47.0	45.9	
					
Quadrat 1		Quadrat 2			



Quadrat 3