



**Constancy table for Burnet floodplain meadow (MG4)
Alopecurus pratensis-*Sanguisorba officinalis* grassland**

Sub-community	MG4a	MG4b	MG4c	MG4d
	Cock's-foot	Typical	Yorkshire fog	Creeping bent
	<i>Dactylis glomerata</i>	Typical	<i>Holcus lanatus</i>	<i>Agrostis stolonifera</i>
Mean species m ⁻²	25	22	16	15
Community species				
<i>Festuca rubra</i>	92	91	50	49
<i>Ranunculus acris</i>	87	90	81	45
<i>Holcus lanatus</i>	90	81	65	
<i>Anthoxanthum odoratum</i>	69	78	58	15
<i>Sanguisorba officinalis</i>	75	76	61	61
<i>Rumex acetosa</i>	74	80	77	56
<i>Lathyrus pratensis</i>	63	60	52	51
Species characteristic of a and b sub-communities				
<i>Trifolium pratense</i>	76	74	17	6
<i>Lolium perenne</i>	85	74	63	39
<i>Cynosurus cristatus</i>	89	75	41	
<i>Taraxacum officinale</i> agg.	69	67	31	28
<i>Centaurea nigra</i>	81	67	22	11
<i>Plantago lanceolata</i>	80	69	18	14
<i>Trifolium repens</i>	60	58	24	19

<i>Prunella vulgaris</i>	52	27		
<i>Agrostis capillaris</i>	27	31	14	
<i>Bromus racemosus</i>	44	42	19	15
<i>Cerastium fontanum</i>	47	45	15	
<i>Fritillaria meleagris</i>	15	8		
<i>Succisa pratensis</i>	12	9		
<i>Carex flacca</i>	13	9		
<i>Ophioglossum vulgatum</i>	14	6		
Species preferential to				
sub-community a				
<i>Dactylis glomerata</i>	88	33	8	
<i>Trisetum flavescens</i>	81	23		
<i>Rhinanthus minor</i>	60	48		11
<i>Leucanthemum vulgare</i>	64	19		
<i>Arrhenatherum elatius</i>	60	17	7	
<i>Lotus corniculatus</i>	56	36	11	18
<i>Ranunculus bulbosus</i>	51	22		
<i>Heracleum sphondylium</i>	32			
<i>Briza media</i>	33	6		
<i>Bromus commutatus</i>	23	14	19	
<i>Brachythecium rutabulum</i>	29	17	7	
<i>Leontodon hispidus</i>	24	9		
<i>Tragopogon pratensis</i>	23			
<i>Leontodon taraxacoides</i>	14			
<i>Linum catharticum</i>	15			
<i>Galium verum</i>	17	10		
<i>Eurhynchium praelongum</i>	14	10		
<i>Primula veris</i>	12			
<i>Medicago lupulina</i>	9			

Anthriscus sylvestris 6

**Species preferential to
sub-community b**

Luzula campestris 10

**Species characteristic for
sub-communities c and d**

Alopecurus pratensis 35 64 83 82

Poa trivialis 51 66 85 86

Deschampsia cespitosa 8 18 23 23

Oenanthe silaifolia 12 16

Phalaris arundinacea 6 15

Rumex crispus 7 16

Elymus repens 22 13

**Species preferential to
sub-community d**

Agrostis stolonifera 29 46 72 87

Filipendula ulmaria 54 56 48 74

Cardamine pratensis 31 54 79

Carex acuta 7 34

Polygonum amphibium 5 14 21

Carex disticha 10 29

Achillea ptarmica 21

Myosotis laxa caespitosa 14

Alopecurus geniculatus 6

Lysimachia nummularia 5 7 22

Stellaria palustris 11

Galium palustre 13

<i>Carex acutiformis</i>				10
--------------------------	--	--	--	----

Other associated species

<i>Leontodon autumnalis</i>	35	48	17	51
<i>Silaum silaus</i>	46	42	20	49
<i>Vicia cracca</i>	33	30	24	39
<i>Phleum pratense</i>	28	36	25	34
<i>Ranunculus repens</i>	10	32	48	42
<i>Hordeum secalinum</i>	33	26	26	26
<i>Festuca pratensis</i>	12	28	14	37
<i>Calliargon cuspidatum</i>	6	8	6	12
<i>Carex hirta</i>	9	10	7	9
<i>Potentilla reptans</i>	14	11	14	
<i>Equisetum palustre</i>	8	6		7
<i>Trifolium dubium</i>		13	8	
<i>Bellis perennis</i>	13	7		
<i>Senecio aquaticus</i>				11
<i>Carex riparia</i>			7	
<i>Thalictrum flavum</i>				5
<i>Filipendula vulgaris</i>	5	6	5	
<i>Cirsium arvense</i>			8	
<i>Lychnis flos-cuculi</i>		7		
<i>Caltha palustris</i>				6
<i>Carex nigra</i>				5
<i>Agrostis canina</i>				5
<i>Juncus acutiflorus</i>		5		
<i>Stellaria graminea</i>			5	

Footnote.

The *Holcus lanatus* subcommunity (MG4c) lacks any preferential species but has higher grass cover than does the *Agrostis stolonifera* subcommunity (MG4d) which lacks *Holcus lanatus*, is lower growing and less bulky and features *Filipendula ulmaria* and *Cardamine pratensis* along with some of the bulkier sedges (*C. acuta* and *C. acutiformis*).