

Relevé Data from the Lower River Shannon SAC at the River Maigue Crossing Point

VEGETATION RELEVÉ CARD				
<u>Site name:</u>	<u>Locality:</u>	<u>Site number:</u>	<u>Quadrat number:</u>	
River Maigue	Islandea	KER 26	1	
<u>Photo No:</u>	<u>Date:</u>	<u>Recorder:</u>	<u>Quadrat Grid Ref:</u>	
	20/08/19	P. Murphy	545929 647003	
<u>Site description:</u>		<u>Quadrat description:</u>		
River in tidal stretch with artificial flood embankments c8-10m from river banks. River banks steeply sloping.		Lower river bank (west), bottom of tidal range.		
<u>Altitude:</u>	<u>Aspect:</u>	<u>Slope:</u>	<u>Notes:</u>	
1m	East facing	15°		
<u>Vegetation cover:</u>	<u>Cover (%):</u>	<u>Height (cm):</u>		
Total cover	20		91–100%	10
Trees/ Shrub			76–90%	9
Dwarf shrub			51–75%	8
Heath			34–50%	7
Herb/grass	20	10 - 40	26–33%	6
Lichens & Bryophyte			11–25%	5
Algae			4–10%	4
			<4% (many individuals)	3
			<4% (several individuals)	2
			<4% (few individuals)	1
			Small numbers adjacent	+
<u>Species:</u>		<u>Cover:</u>	<u>Species:</u>	<u>Cover:</u>
Bare mud		9		
<i>Callitriche</i>		4		
<i>Rumex crispus</i> subsp. <i>uliginosus</i>		2		
<i>Alisma plantago-aquatica</i>		2		
<i>Polygonum hydropiper</i>		4		
<i>Apium nodiflorum</i>		4		
<i>Scirpus maritimus</i>		+		
<i>Beta vulgaris</i> subsp. <i>maritima</i>		+		
VEGETATION RELEVÉ CARD				
<u>Site name:</u>	<u>Locality:</u>	<u>Site number:</u>	<u>Quadrat number:</u>	
River Maigue	Islandea	KER 26	2	
<u>Photo No:</u>	<u>Date:</u>	<u>Recorder:</u>	<u>Quadrat Grid Ref:</u>	
	20/08/19	P. Murphy		
<u>Site description:</u>		<u>Quadrat description:</u>		
River in tidal stretch with artificial flood embankments c8-10m from river banks. River banks steeply sloping with level / gently sloping terrace to flood embankment.		Mid to upper river bank (west), middle of tidal range.		
<u>Altitude:</u>	<u>Aspect:</u>	<u>Slope:</u>	<u>Notes:</u>	
1.5m	East facing	25°		
<u>Vegetation cover:</u>	<u>Cover (%):</u>	<u>Height (cm):</u>		
Total cover	100		91–100%	10
Trees/ Shrub			76–90%	9
Dwarf shrub			51–75%	8
Heath			34–50%	7
Herb/grass	100	60	26–33%	6
Lichens & Bryophyte			11–25%	5
Algae			4–10%	4
			<4% (many individuals)	3
			<4% (several individuals)	2
			<4% (few individuals)	1
			Small numbers adjacent	+

<u>Species:</u> <i>Phalaris arundinacea</i> <i>Apium nodiflorum</i> <i>Nasturtium officinale</i> <i>Polygonum hydropiper</i> <i>Rumex crispus</i> subsp. <i>uliginosus</i> <i>Myosotis scorpioides</i> <i>Mentha aquatica</i> <i>Salix</i> sp. <i>Ranunculus repens</i> <i>Carex riparia</i> <i>Veronica beccabunga</i> <i>Solanum dulcemara</i>	<u>Cover:</u> 7 3 6 4 3 4 4 1 4 4 4 4 1	<u>Species:</u>	<u>Cover:</u>
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VEGETATION RELEVÉ CARD

<u>Site name:</u> River Maigue	<u>Locality:</u> Islandea	<u>Site number:</u> KER 26	<u>Quadrat number:</u> 3
<u>Photo No:</u>	<u>Date:</u> 20/08/19	<u>Recorder:</u> P. Murphy	<u>Quadrat Grid Ref:</u>

<u>Site description:</u> River in tidal stretch with artificial flood embankments c8-10m from river banks. River banks steeply sloping with level / gently sloping terrace to flood embankment.	<u>Quadrat description:</u> From upper river bank (west) to toe of flood embankment. Cattle access.
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<u>Altitude:</u> 3.5m	<u>Aspect:</u> East facing	<u>Slope:</u> 5°	<u>Notes:</u>
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<u>Vegetation cover:</u> Total cover Trees/ Shrub Dwarf shrub Heath Herb/grass Lichens & Bryophyte Algae	<u>Cover (%):</u> 100 100	<u>Height (cm):</u> 60 -90	91–100% 76–90% 51–75% 34–50% 26–33% 11–25% 4–10% <4% (many individuals) <4% (several individuals) <4% (few individuals) Small numbers adjacent	10 9 8 7 6 5 4 3 2 1 +
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<u>Species:</u> <i>Glyceria fluitans</i> <i>Agrostis stolonifera</i> <i>Juncus acutiflorus</i> <i>Juncus effusus</i> <i>Ranunculus repens</i> <i>Veronica beccabunga</i> <i>Myosotis scorpioides</i> <i>Scrophularia nodosa</i> <i>Senecio aquatilis</i> <i>Nasturtium officinale</i> <i>Rumex crispus</i> <i>Epilobium hirsutum</i> <i>Galium palustre</i> <i>Angelica sylvestris</i> <i>Trifolium repens</i> <i>Plantago major</i> <i>Apium nodiflorum</i> <i>Carex riparia</i>	<u>Cover:</u> 4 7 4 4 5 5 5 3 3 3 3 1 4 2 5 2 1 1 1	<u>Species:</u>	<u>Cover:</u>
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VEGETATION RELEVÉ CARD

<u>Site name:</u> River Maigue	<u>Locality:</u> Islandea	<u>Site number:</u> KER 26	<u>Quadrat number:</u> 4
<u>Photo No:</u>	<u>Date:</u> 20/08/19	<u>Recorder:</u> P. Murphy	<u>Quadrat Grid Ref:</u> 545887 647011

<u>Site description:</u> Drainage ditch to west of flood embankments west of Maigue.	<u>Quadrat description:</u> Instream and marginal plant community in steep sided drains with c1m high banks
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<u>Altitude:</u>	<u>Aspect:</u>	<u>Slope:</u>	<u>Notes:</u>
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3.5m	open				
<u>Vegetation cover:</u> Total cover Trees/ Shrub Dwarf shrub Heath Herb/grass Lichens & Bryophyte Algae	<u>Cover (%):</u> 100 100	<u>Height (cm):</u> 60 -90	91-100% 76-90% 51-75% 34-50% 26-33% 11-25% 4-10% <4% (many individuals) <4% (several individuals) <4% (few individuals) Small numbers adjacent	10 9 8 7 6 5 4 3 2 1 +	
<u>Species:</u> <i>Potamogeton natans</i> <i>Sparganium erectum</i> <i>Phalaris arundinacea</i> <i>Carex riparia</i> <i>Lemna minor</i> <i>Callitriche</i> sp. <i>Nasturtium officinale</i> <i>Alisma plantago-aquatica</i> <i>Glyceria fluitans</i> <i>Lythrum salicaria</i> <i>Filipendula ulmaria</i> <i>Equisetum fluviatile</i> <i>Urtica dioica</i> <i>Agrostis stolonifera</i> <i>Arrhenatherum elatius</i> <i>Juncus acutiflorus</i> <i>Myosotis scorpioides</i> <i>Scrophularia nodosa</i> <i>Epilobium hirsutum</i> <i>Galium palustre</i> <i>Angelica sylvestris</i> <i>Valeriana officinalis</i>		<u>Cover:</u> 4 4 6 4 5 5 6 1 2 5 3 3 4 4 4 2 4 1 1 1 1 3	<u>Species:</u>	<u>Cover:</u>	
VEGETATION RELEVÉ CARD					
<u>Site name:</u> River Maigue	<u>Locality:</u> Islandea	<u>Site number:</u> KER 26	<u>Quadrat number:</u> 7		
<u>Photo No:</u>	<u>Date:</u> 20/08/19	<u>Recorder:</u> P. Murphy	<u>Quadrat Grid Ref:</u> 545953 646999		
<u>Site description:</u> River in tidal stretch with artificial flood embankments c8-10m from river banks. River banks steeply sloping with level / gently sloping terrace to flood embankment.		<u>Quadrat description:</u> Mid to upper river bank (east), middle of tidal range.			
<u>Altitude:</u> 1.5m	<u>Aspect:</u> West facing	<u>Slope:</u> 25°	<u>Notes:</u> OPW clearance of woody veg. Drift brash at upper flood mark. Cattle access.		
<u>Vegetation cover:</u> Total cover Trees/ Shrub Dwarf shrub Heath Herb/grass Lichens & Bryophyte Algae	<u>Cover (%):</u> 100 90	<u>Height (cm):</u> 200 60	91-100% 76-90% 51-75% 34-50% 26-33% 11-25% 4-10% <4% (many individuals) <4% (several individuals) <4% (few individuals) Small numbers adjacent	10 9 8 7 6 5 4 3 2 1 +	
<u>Species:</u> <i>Nasturtium officinale</i> <i>Rumex crispus</i> subsp. <i>uliginosus</i> <i>Polygonum hydropiper</i> <i>Apium nodiflorum</i> <i>Salix</i> sp. <i>Agrostis stolonifera</i> <i>Ranunculus repens</i> <i>Sparganium erectum</i> <i>Phalaris arundinacea</i> <i>Myosotis scorpioides</i>		<u>Cover:</u> 7 3 4 5 4 5 5 2 2 3	<u>Species:</u>	<u>Cover:</u>	

<i>Senecio aquaticus</i>	2		
<i>Mentha aquatica</i>	3		
<i>Lemna minor</i>	4		
<i>Carex riparia</i>	2		
<i>Veronica beccabunga</i>	2		
VEGETATION RELEVÉ CARD			
<u>Site name:</u>	<u>Locality:</u>	<u>Site number:</u>	<u>Quadrat number:</u>
River Maigue	Islandea	KER 26	8
<u>Photo No.:</u>	<u>Date:</u>	<u>Recorder:</u>	<u>Quadrat Grid Ref:</u>
	20/08/19	P. Murphy	
<u>Site description:</u> River in tidal stretch with artificial flood embankments c8-10m from river banks. River banks steeply sloping with level / gently sloping terrace to flood embankment.		<u>Quadrat description:</u> From upper river bank (east) to toe of flood embankment. Cattle access.	
<u>Altitude:</u>	<u>Aspect:</u>	<u>Slope:</u>	<u>Notes:</u>
3.5m	East facing	5°	
<u>Vegetation cover:</u>	<u>Cover (%):</u>	<u>Height (cm):</u>	
Total cover	100		91-100%
Trees/ Shrub			76-90%
Dwarf shrub			51-75%
Heath			34-50%
Herb/grass	100	60 -90	26-33%
Lichens & Bryophyte			11-25%
Algae			4-10%
			<4% (many individuals)
			<4% (several individuals)
			<4% (few individuals)
			Small numbers adjacent
			10
			9
			8
			7
			6
			5
			4
			3
			2
			1
			+
<u>Species:</u>	<u>Cover:</u>	<u>Species:</u>	<u>Cover:</u>
<i>Glyceria fluitans</i>	5		
<i>Agrostis stolonifera</i>	5		
<i>Juncus acutiflorus</i>	4		
<i>Juncus effusus</i>	3		
<i>Veronica beccabunga</i>	4		
<i>Myosotis scorpioides</i>	4		
<i>Rumex crispus</i>	3		
<i>Ranunculus repens</i>	5		
<i>Scrophularia nodosa</i>	2		
<i>Senecio aquatilis</i>	3		
<i>Polygonum hydropiper</i>	3		
<i>Plantago major</i>	3		
<i>Trifolium repens</i>	4		
<i>Cardamine pratensis</i>	3		
<i>Nasturtium officinale</i>	5		
<i>Epilobium hirsutum</i>	2		
<i>Galium palustre</i>	4		
<i>Angelica sylvestris</i>	1		
<i>Apium nodiflorum</i>	2		
<i>Iris foetidissima</i>	1		
<i>Calystegia sepium</i>	2		