



<b>Scientific name</b>	<i>Bolboschoenus maritimus</i> – <i>Agrostis stolonifera</i> saltmarsh-swamp
<b>Common name</b>	Sea Club-rush – Creeping Bent saltmarsh-swamp
<b>Community code</b>	SM6A

### Vegetation

This community represents swampy stands of *Bolboschoenus maritimus* which is the only constant species and strongly dominates. *Agrostis stolonifera* frequently grows beneath and can be plentiful but usually provides little cover, while *Aster tripolium* and *Triglochin maritimum* are occasional. Less frequently, the *Bolboschoenus* may be accompanied by some *Schoenoplectus tabernaemontani*, *Phragmites australis* or *Elytrigia repens* and these can on occasion be abundant.

### Ecology

This is a community of poorly-draining depressions and creeks of the upper saltmarsh and of estuaries. Conditions are base-rich.

### Sub-communities

No sub-communities have been described for this community.

### Similar communities

No similar communities have been described.

### Records and distribution

#### Number of records (all)

Clearly assigned:	106
Transitional:	4
Total:	110

#### Number of records (mapped)

2001-2015:	29
1986-2000:	49
1971-1985:	30
Pre-1971:	1
Total:	109

#### Number of hectads (most recent records)

2001-2015:	7
1986-2000:	16
1971-1985:	13
Pre-1971:	0
Total:	36

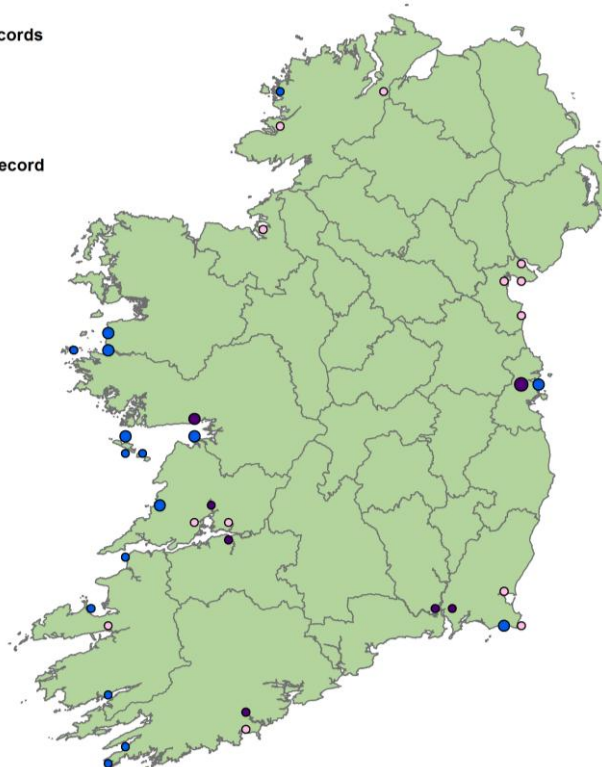
#### Number of hectads (all mapped records)

2001-2015:	7
1986-2000:	16
1971-1985:	16
Pre-1971:	1

#### Number of records



#### Most recent record



### Synoptic table (n =94)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Bolboschoenus maritimus</i>	V	3-(8)-10	<i>Armeria maritima</i>	I	3-(3)-3
<i>Agrostis stolonifera</i>	III	1-(3)-7	<i>Leontodon autumnalis</i>	I	2-(2)-3
<i>Aster tripolium</i>	II	2-(3)-7	<i>Oenanthe lachenalii</i>	I	2-(2)-3
<i>Triglochin maritimum</i>	II	2-(3)-7	<i>Cochlearia anglica</i>	I	3-(3)-4
<i>Glaux maritima</i>	I	1-(3)-8	<i>Spartina</i> agg.	I	3-(3)-3
<i>Schoenoplectus tabernaemontani</i>	I	2-(3)-8	<i>Salicornia</i> agg.	I	3-(3)-3
<i>Phragmites australis</i>	I	2-(4)-8	<i>Spergularia marina</i>	I	4-(4)-5
<i>Atriplex prostrata</i>	I	2-(4)-5	<i>Atriplex laciniata</i>	I	3-(3)-3
<i>Juncus gerardii</i>	I	2-(4)-7	<i>Blysmus rufus</i>	I	3-(4)-5
<i>Festuca rubra</i>	I	2-(3)-6	<i>Potentilla anserina</i>	I	2-(4)-5
<i>Elytrigia repens</i>	I	2-(2)-10	<i>Senecio aquaticus</i>	I	2-(2)-2
<i>Rumex crispus</i>	I	2-(3)-3	<i>Parapholis strigosa</i>	I	3-(3)-3
<i>Cochlearia officinalis</i>	I	2-(2)-3	<i>Juncus bufonius</i>	I	3-(5)-5
<i>Puccinellia maritima</i>	I	2-(3)-7	<i>Beta vulgaris</i>	I	2-(2)-2
<i>Samolus valerandi</i>	I	1-(3)-5	<i>Triglochin palustre</i>	I	2-(2)-3
<i>Plantago maritima</i>	I	2-(3)-5	<i>Apium graveolens</i>	I	3-(3)-4
<i>Juncus maritimus</i>	I	2-(3)-5	<i>Puccinellia distans</i>	I	5-(7)-8
<i>Eleocharis palustris</i>	I	2-(3)-4	<i>Potamogeton pectinatus</i>	I	3-(3)-4
<i>Ranunculus sceleratus</i>	I	3-(3)-3	<i>Lemna minor</i>	I	2-(2)-3
<i>Ruppia maritima/cirrhosa</i>	I	3-(3)-8	<i>Callitriche stagnalis</i>	I	2-(3)-3

#### Affinities

GHI: CM2 Upper salt marsh /FS1 Reed and large sedge swamps

ZM: Scirpion maritimi

EUNIS: C3.27 Halophile *Scirpus*, *Bolboschoenus* and *Schoenoplectus* beds

NVC: S21 *Scirpus maritimus* swamp sub-community (74.7%)

Annex I: No significant correspondence

#### Proxy environmental data

Light: 7.9      Reaction: 7.7      Wetness: 9.2      Fertility: 6.7      Salinity: 3.6

#### Conservation value

This is typically a species-poor community (species/4 m<sup>2</sup> = 6.0, n = 7).

#### Management

These swards are typically unmanaged. They are probably too wet to be significantly impacted by grazing livestock. Sea-level rises as a result of climate change could potentially have an impact, particularly in areas susceptible to coastal squeeze.

#### Key references

Devaney, F.M. & Perrin, P.M. (2015) Saltmarsh Angiosperm Assessment Tool for Ireland (SMAATIE), EPA Research End of Project Report (2013-W-DS-10), Environmental Protection Agency, Johnstown Castle, Wexford, Ireland.

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