



Scientific name	<i>Schoenoplectus tabernaemontani</i> swamp
Common name	Grey Club-rush swamp
Community code	FW3I

Vegetation

The tall grey stems of *Schoenoplectus tabernaemontani* dominated this swamp community. Occasionally, there is patchy cover of *Phragmites australis* or *Samolus valerandi*, most likely towards the landward edge of the stand, but all other species are scarce.

Ecology

These stands have been recorded predominantly from lagoons and coastal lakes, but also, infrequently, from estuaries.

Sub-communities

No sub-communities are currently described.

Similar communities

This is a distinct community which should be easily recognised.

Records and distribution

Number of records (all)

Clearly assigned:	52
Transitional:	3
Total:	55

Number of records (mapped)

2001-2015:	2
1986-2000:	40
1971-1985:	11
Pre-1971:	2
Total:	55

Number of hectads (most recent records)

2001-2015:	1
1986-2000:	18
1971-1985:	0
Pre-1971:	1
Total:	20

Number of hectads (all mapped records)

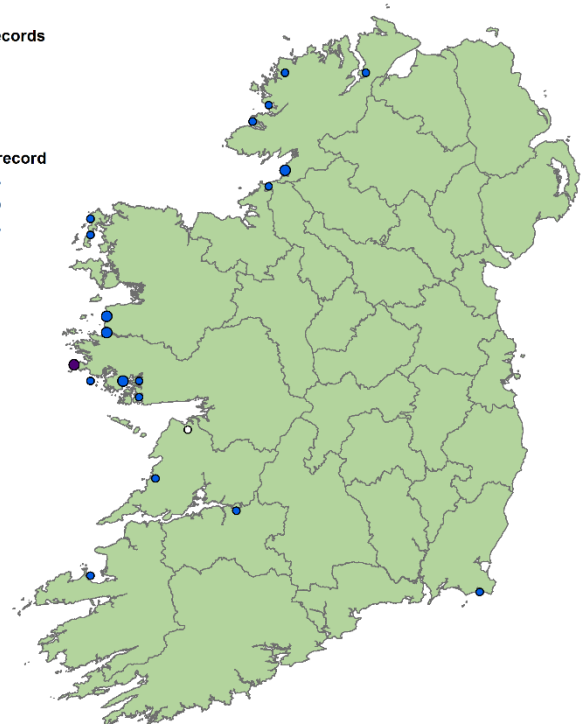
2001-2015:	1
1986-2000:	19
1971-1985:	3
Pre-1971:	1

Number of records

- 1-3
- 4-10
- 11-25
- 26+

Most recent record

- 2001-2015
- 1986-2000
- 1971-1985
- pre-1971



Synoptic table (n = 36)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Schoenoplectus tabernaemontani</i>	V	4-(7)-10	<i>Juncus articulatus</i>	I	2-(3)-3
<i>Phragmites australis</i>	II	2-(3)-4	<i>Lemna minor</i>	I	4-(5)-5
<i>Samolus valerandi</i>	II	1-(3)-5	<i>Myosotis laxa</i>	I	2-(3)-3
<i>Agrostis stolonifera</i>	I	2-(3)-4	<i>Myriophyllum spicatum</i>	I	3-(3)-3
<i>Eleocharis palustris</i>	I	3-(3)-5	<i>Berula erecta</i>	I	2-(4)-5
<i>Galium palustre</i>	I	2-(2)-3	<i>Brachythecium rutabulum</i>	I	3-(4)-4
<i>Potamogeton pectinatus</i>	I	3-(3)-4	<i>Juncus bufonius</i>	I	4-(5)-5
<i>Bolboschoenus maritimus</i>	I	2-(2)-3	<i>Triglochin maritimum</i>	I	3-(3)-3
<i>Cardamine pratensis</i>	I	2-(3)-3	<i>Juncus gerardii</i>	I	2-(3)-3
<i>Eleocharis uniglumis</i>	I	2-(5)-8	<i>Menyanthes trifoliata</i>	I	3-(3)-3
<i>Mentha aquatica</i>	I	2-(2)-3	<i>Schoenus nigricans</i>	I	3-(3)-3
<i>Typha latifolia</i>	I	2-(2)-2	<i>Potentilla palustris</i>	I	3-(3)-3
<i>Potamogeton natans</i>	I	3-(3)-5	<i>Hydrocotyle vulgaris</i>	I	6-(6)-6
<i>Potamogeton coloratus</i>	I	+(3)-3	<i>Myrica gale</i>	I	2-(2)-2
<i>Triglochin palustre</i>	I	2-(3)-3	<i>Ranunculus flammula</i>	I	3-(3)-3
<i>Ruppia maritima/cirrhosa</i>	I	2-(2)-3	<i>Calliergonella cuspidata</i>	I	5-(5)-5
<i>Equisetum fluviatile</i>	I	3-(4)-4	<i>Carex rostrata</i>	I	3-(3)-3
<i>Lythrum salicaria</i>	I	2-(2)-2	<i>Scorpidium scorpioides</i>	I	6-(6)-6
<i>Carex viridula</i>	I	2-(2)-2	<i>Epilobium palustre</i>	I	1-(1)-1
<i>Iris pseudacorus</i>	I	2-(2)-2	<i>Carex panicea</i>	I	3-(3)-3

Affinities

GHI: FS1 Reed and large sedge swamps

ZM: PHR-01A Phragmiton communis Koch 1926

EUNIS: C3.27 Halophile *Scirpus*, *Bolboschoenus* and *Schoenoplectus* beds / A5.544 Vegetation of brackish waters dominated by *Scirpus lacustris* or *Scirpus tabernaemontani*

NVC: S20a *Scirpus lacustris* ssp. *tabernaemontani* swamp *Scirpus lacustris tabernaemontani*-dominated sub-community (58.0%)

Annex I: No significant correspondence

Proxy environmental data

Light: 8.5 Reaction: 7.6 Wetness: 9.9 Fertility: 6.4 Salinity: 2.5

Conservation value

This is very species-poor plant community, with relatively low recognised conservation value. Stands may occur fringing lagoons corresponding to the priority EU HD Annex I habitat 1150 Lagoons*.

Management

These swamp stands are essentially unmanaged. The main threats to them are through eutrophication and drainage.

Key references

Brock, T., Frigge, P., van der Ster, H. (1979) A vegetation study of the pools and surrounding wetlands in the Dooaghtry area, Co. Mayo (unpublished). National Parks & Wildlife Service, Dublin, Ireland.

Crawford, I., Bleasdale, A., Conaghan, J. (1996) BIOMAR survey of Irish machairs sites. Vol. I. Site information. (No. 3), Irish Wildlife Manuals. Dúchas, The Heritage Service, Dublin, Ireland.

Roden, C.M. (1998) A survey of the flora and vegetation of sixteen Irish coastal lagoons. Part Three of 1998 lagoon survey (unpublished). National Parks & Wildlife Service, Dublin.

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