



<b>Scientific name</b>	<i>Schoenoplectus lacustris</i> swamp
<b>Common name</b>	Common Club-rush swamp
<b>Community code</b>	FW3D

### Vegetation

This is species-poor swamp community in which *Schoenoplectus lacustris* typically dominates, forming dense beds. No other species is frequent. *Phragmites australis* occurs occasionally and can be abundant, less often the beds will contain some stems of *Equisetum fluviatile* or *Typha latifolia*. Floating on the water may be found leaves of *Nuphar lutea* or *Potamogeton natans*, or perhaps, some *Lemna minor*.

### Ecology

This community has been recorded predominantly from mesotrophic lakes and pools. Less frequently it has been found in oligotrophic lakes and in rivers.

### Sub-communities

No sub-communities are currently described

### Similar communities

This community is related to FW2G *Schoenoplectus lacustris* – *Sparganium erectum* swamp. In that riverine assemblage, however, *Schoenoplectus lacustris* is less dominant, and *Sparganium erectum*, *Apium nodiflorum* and *Phalaris arundinacea* are more frequent.

### Records and distribution

#### Number of records (all)

Clearly assigned:	50
Transitional:	1
Total:	51

#### Number of records (mapped)

2001-2015:	9
1986-2000:	30
1971-1985:	8
Pre-1971:	3
Total:	50

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

2001-2015:	5
1986-2000:	7
1971-1985:	4
Pre-1971:	0
Total:	16

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

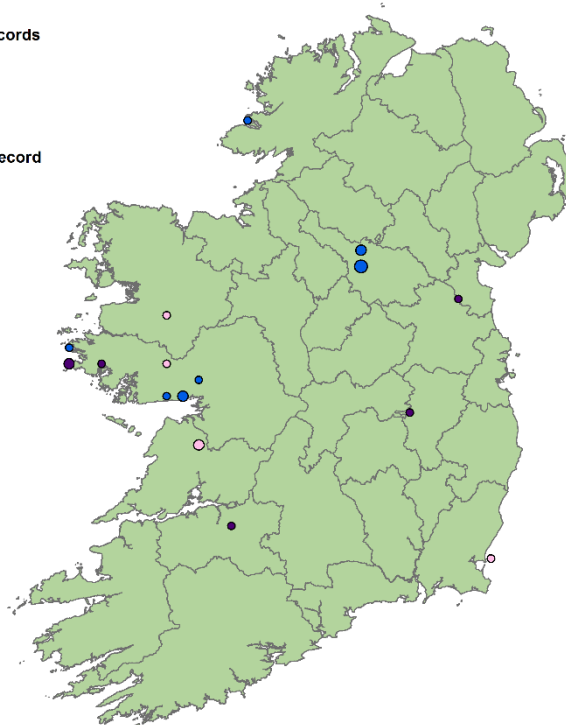
2001-2015:	5
1986-2000:	8
1971-1985:	7
Pre-1971:	1

#### Number of records

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

#### Most recent record

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



### Synoptic table (n = 48)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Schoenoplectus lacustris</i>	V	4-(7)-10	<i>Rumex hydrolapathum</i>	I	8-(8)-8
<i>Phragmites australis</i>	II	2-(3)-8	<i>Potamogeton gramineus</i>	I	2-(3)-3
<i>Nuphar lutea</i>	II	2-(5)-7	<i>Carex viridula</i>	I	3-(3)-3
<i>Potamogeton natans</i>	II	2-(3)-5	<i>Agrostis stolonifera</i>	I	3-(3)-3
<i>Equisetum fluviatile</i>	I	2-(3)-8	<i>Hydrocotyle vulgaris</i>	I	1-(1)-1
<i>Lemna minor</i>	I	2-(3)-3	<i>Ranunculus flammula</i>	I	2-(2)-2
<i>Typha latifolia</i>	I	2-(3)-5	<i>Nymphaea alba</i>	I	6-(6)-6
<i>Mentha aquatica</i>	I	+(2)-3	<i>Galium palustre</i>	I	3-(3)-3
<i>Menyanthes trifoliata</i>	I	3-(3)-3	<i>Potentilla palustris</i>	I	5-(5)-5
<i>Sparganium erectum</i>	I	3-(4)-5	<i>Aulacomnium palustre</i>	I	7-(7)-7
<i>Juncus bulbosus</i>	I	3-(4)-7	<i>Littorella uniflora</i>	I	3-(3)-3
<i>Eriocaulon aquaticum</i>	I	3-(3)-7	<i>Juncus acutiflorus</i>	I	5-(5)-5
<i>Myriophyllum alterniflorum</i>	I	3-(3)-8	<i>Lemna trisulca</i>	I	2-(2)-2
<i>Persicaria amphibia</i>	I	3-(7)-7	<i>Utricularia australis/vulgaris</i>	I	3-(3)-3
<i>Sparganium angustifolium</i>	I	3-(3)-5	<i>Elodea canadensis</i>	I	3-(3)-3
<i>Eleocharis palustris</i>	I	2-(3)-3	<i>Juncus subnodulosus</i>	I	2-(2)-2
<i>Berula erecta</i>	I	+(5)-7	<i>Fontinalis antipyretica</i>	I	+-(+)-+
<i>Alisma plantago-aquatica</i>	I	2-(4)-5	<i>Cicuta virosa</i>	I	3-(3)-3
<i>Baldellia ranunculoides</i>	I	2-(3)-3	<i>Sphagnum squarrosum</i>	I	7-(7)-7
<i>Callitriche stagnalis</i>	I	+-(1)-2	<i>Lythrum salicaria</i>	I	3-(3)-3

#### Affinities

GHI: FS1 Reed and large sedge swamps

ZM: PHR-01A Phragmition communis Koch 1926

EUNIS: C3.22 *Scirpus lacustris* beds

NVC: S8a *Scirpus lacustris* ssp. *lacustris* swamp *Scirpus lacustris* ssp. *lacustris* sub-community (76.1%)

Annex I: No significant correspondence

#### Proxy environmental data

Light: 7.7      Reaction: 6.7      Wetness: 10.8      Fertility: 5.6      Salinity: 0.1

#### Conservation value

This is a species-poor community of relatively low conservation value. *Eriocaulon aquaticum* can occur here however and has a strictly limited national distribution.

#### Management

This community is typically unmanaged. Threats include eutrophication and drainage.

#### Key references

Conaghan, J. (1999) The vegetation, ecology and conservation of the Lough Oughter lake system, Co. Cavan. (unpublished). National Parks & Wildlife Service, Dublin, Ireland.

Mooney, E. (1991) A phytosociological and palaeoecological study of the wetlands of the Lower Corrib Basin, Co. Galway, Ireland. (Ph.D. thesis). National University of Ireland Galway.

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