

<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 *Sparganium erectum*. 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 FW3A *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:	52
Transitional:	3
Total:	55

#### Number of records (mapped)

2001-2020:	11
1986-2000:	31
1971-1985:	7
Pre-1971:	4
Total:	53

#### Number of hectads (by most recent time period)

2001-2020:	6
1986-2000:	6
1971-1985:	4
Pre-1971:	0
Total:	16

#### Number of hectads (records in each time period)

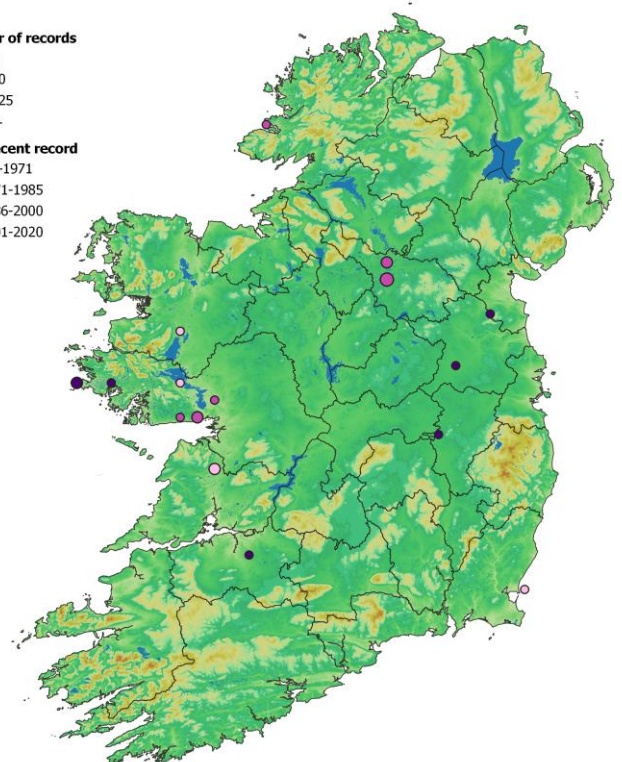
2001-2020:	6
1986-2000:	7
1971-1985:	7
Pre-1971:	1

#### Number of records

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

#### Most recent record

- pre-1971
- 1971-1985
- 1986-2000
- 2001-2020



### Synoptic table (n = 49)

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>Fontinalis antipyretica</i>	I	+-(+)-+
<i>Phragmites australis</i>	II	2-(3)-5	<i>Iris pseudacorus</i>	I	1-(3)-3
<i>Nuphar lutea</i>	II	2-(5)-7	<i>Lemna trisulca</i>	I	+-(1)-2
<i>Potamogeton natans</i>	II	+-(3)-5	<i>Phalaris arundinacea</i>	I	1-(3)-3
<i>Equisetum fluviatile</i>	I	2-(3)-8	<i>Potamogeton gramineus</i>	I	2-(3)-3
<i>Lemna minor</i>	I	+-(3)-3	<i>Rumex hydrolapathum</i>	I	8-(8)-8
<i>Sparganium erectum</i>	I	+-(3)-5	<i>Potamogeton lucens</i>	I	2-(2)-2
<i>Callitriche stagnalis</i>	I	+-(+)-2	<i>Potamogeton pectinatus</i>	I	2-(2)-2
<i>Eriocaulon aquaticum</i>	I	3-(3)-7	<i>Potamogeton perfoliatus</i>	I	2-(2)-2
<i>Juncus bulbosus</i>	I	3-(4)-7	<i>Potamogeton pusillus</i>	I	+-(+)-+
<i>Mentha aquatica</i>	I	+-(2)-3	<i>Potentilla palustris</i>	I	5-(5)-5
<i>Menyanthes trifoliata</i>	I	3-(3)-3	<i>Ranunculus flammula</i>	I	2-(2)-2
<i>Myriophyllum alterniflorum</i>	I	3-(3)-8	<i>Ranunculus peltatus</i>	I	1-(1)-1
<i>Persicaria amphibia</i>	I	3-(7)-7	<i>Ranunculus trichophyllus</i>	I	2-(2)-2
<i>Sparganium angustifolium</i>	I	3-(3)-5	<i>Rorippa nast.-aquaticum</i> agg.	I	+-(+)-+
<i>Typha latifolia</i>	I	2-(3)-5	<i>Scorpidium scorpioides</i>	I	2-(2)-2
<i>Alisma plantago-aquatica</i>	I	2-(4)-5	<i>Sparganium emersum</i>	I	3-(3)-3
<i>Baldellia ranunculoides</i>	I	2-(3)-3	<i>Spartina</i> agg.	I	3-(3)-3
<i>Berula erecta</i>	I	+-(5)-7	<i>Sphagnum squarrosum</i>	I	7-(7)-7
<i>Eleocharis palustris</i>	I	2-(3)-3	<i>Utricularia australis/vulgaris</i>	I	3-(3)-3

#### Affinities

GHI: FS1 Reed and large sedge swamps

ZM: OD01A Phragmitum 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: 7.8 Reaction: 6.7 Wetness: 10.8 Fertility: 5.7 Salinity: 0.1

#### Conservation value

This is a relatively species-poor community (species/4 m<sup>2</sup> = 3.8, n = 28). *Eriocaulon aquaticum* can occur here however and has a strictly limited national distribution.

#### Management

This community is typically unmanaged, although traditionally some lake beds would have been cut for rushwork. Threats include eutrophication and drainage.

#### Key references

Conaghan, J. (1999) The vegetation, ecology and conservation of the Lough Oughter lake system, Co. Cavan. (unpublished). The Heritage Council, Kilkenny.

Conaghan, J. (2000) An assessment of the conservation value of blanket bog landscape to the west of Galway city. (unpublished). The Heritage Council, Kilkenny

van Groenendael, J., Hochstenbach, S.M.H., van Mansfeld, M., Roozen, A.J.M., Westhoff, V. (1982) The influence of the sea on the vegetation of lakes in southwest Connemara. *Journal of Life Sciences - Royal Dublin Society* 3, 221-242.

**Synopsis version:** V2.1

**Synopsis date:** March 2025

**Synopsis author(s):** P.M. Perrin

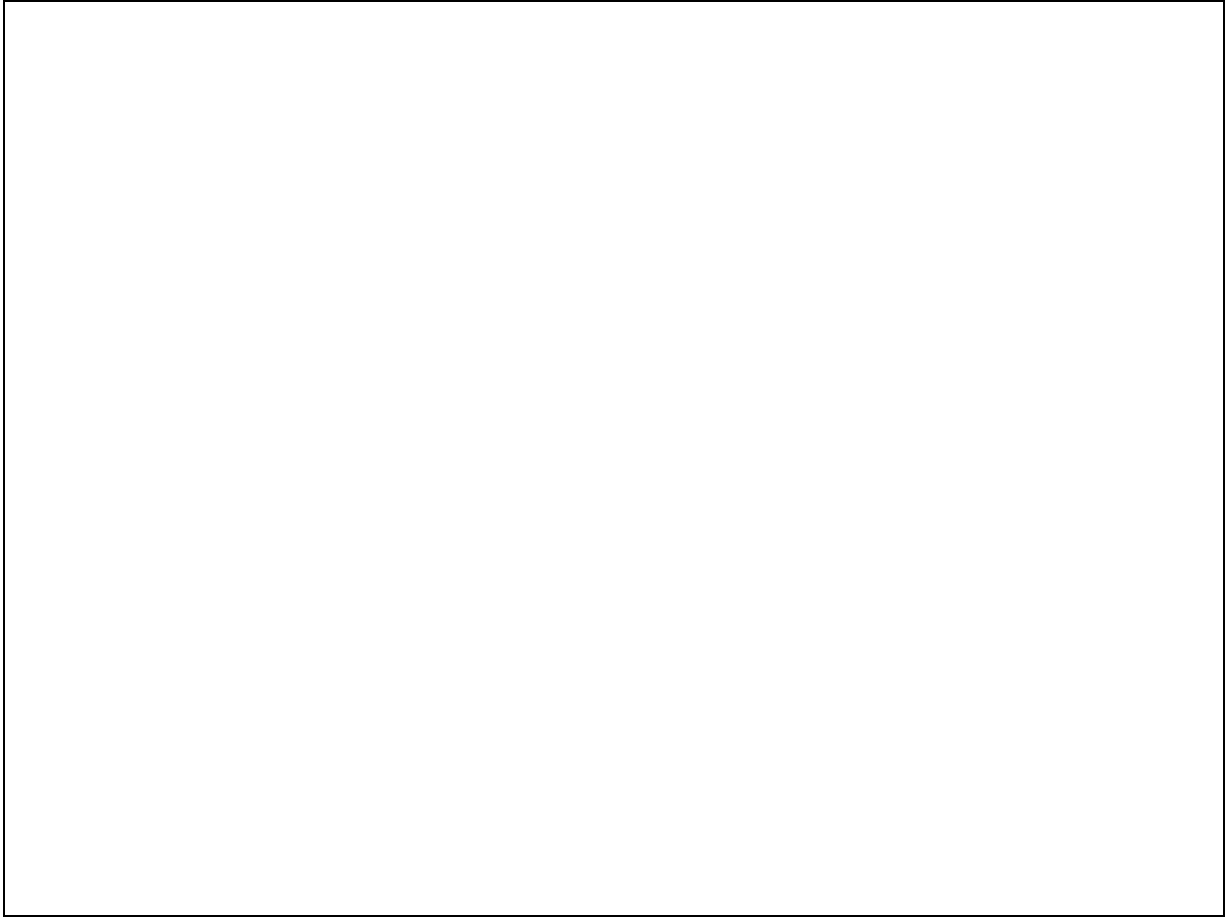


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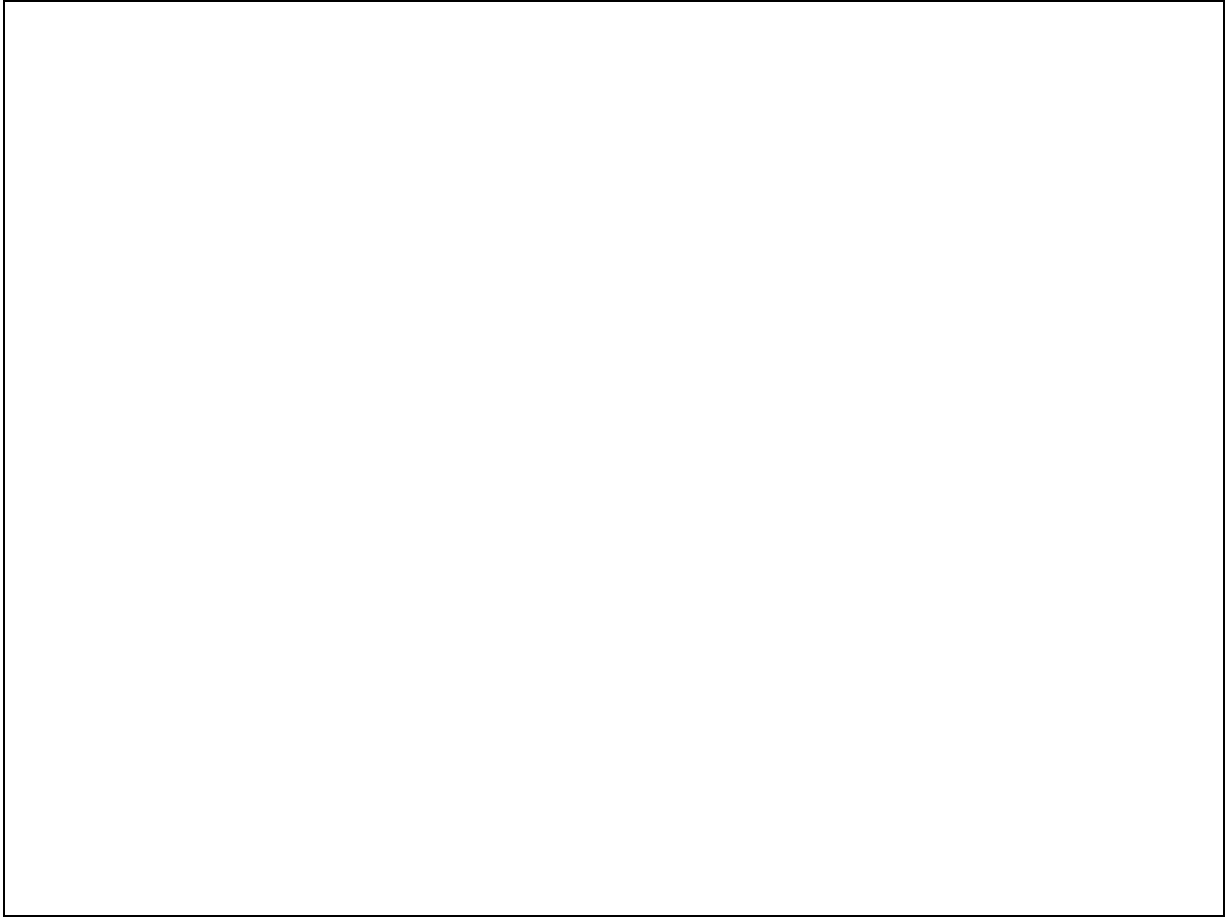


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