

Scientific name	<i>Typha latifolia</i> swamp
Common name	Bulrush swamp
Community code	FW3M

Vegetation

This tall, emergent swamp community consists of dense stands of *Typha latifolia* with its iconic dark brown seed heads. No other species are constants and the only other plants frequently found are duckweeds (*Lemna minor*, *Lemna trisulca*) floating on the surface of the water. Now and then one will spot some minor growth of other emergents such as *Eleocharis palustris*, *Equisetum fluviatile*, *Phragmites australis* or – the true bulrush – *Schoenoplectis lacustris*.

Ecology

These stands occur in the lowlands along the margins of lakes, ditches and canals.

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:	13
Transitional:	2
Total:	15

Number of records (mapped)

2001-2020:	3
1986-2000:	10
1971-1985:	2
Pre-1971:	0
Total:	15

Number of hectads (by most recent time period)

2001-2020:	2
1986-2000:	7
1971-1985:	1
Pre-1971:	0
Total:	10

Number of hectads (records in each time period)

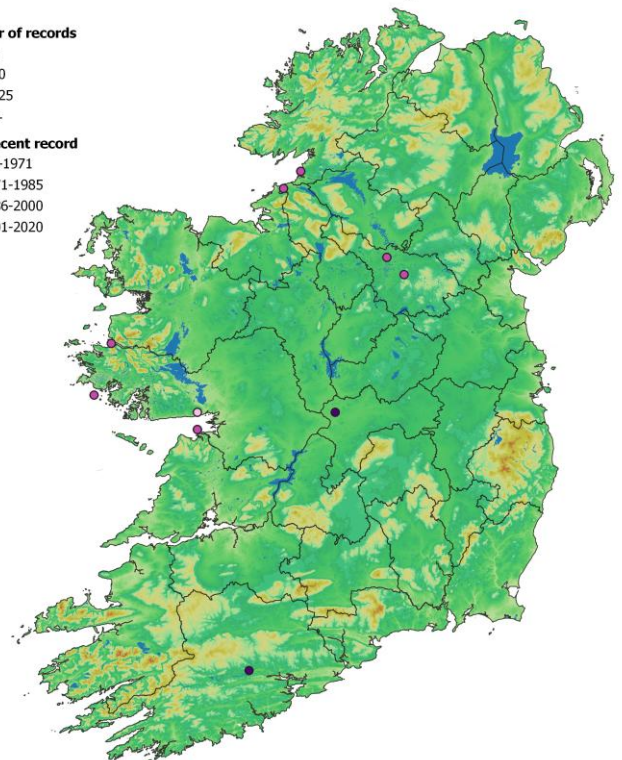
2001-2020:	2
1986-2000:	7
1971-1985:	2
Pre-1971:	0

Number of records

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

Most recent record

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



Synopsis table (n = 10)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Typha latifolia</i>	V	5-(8)-9			
<i>Lemna minor</i>	III	2-(7)-8			
<i>Lemna trisulca</i>	II	2-(3)-3			
<i>Eleocharis palustris</i>	I	3-(3)-3			
<i>Equisetum fluviatile</i>	I	2-(3)-3			
<i>Hippuris vulgaris</i>	I	2-(3)-3			
<i>Phragmites australis</i>	I	2-(3)-3			
<i>Schoenoplectus lacustris</i>	I	2-(2)-2			
<i>Carex rostrata</i>	I	4-(4)-4			
<i>Carex viridula</i>	I	3-(3)-3			
<i>Cicuta virosa</i>	I	3-(3)-3			
<i>Elodea canadensis</i>	I	2-(2)-2			
<i>Eriophorum angustifolium</i>	I	5-(5)-5			
<i>Menyanthes trifoliata</i>	I	3-(3)-3			
<i>Phalaris arundinacea</i>	I	5-(5)-5			
<i>Potamogeton natans</i>	I	3-(3)-3			
<i>Schoenoplectus tabernaemontani</i>	I	2-(2)-2			

Affinities

GHI: FS1 Reed and large sedge swamps

ZM: OD01A Phragmition communis Koch 1926)

EUNIS: C3.231 *Typha latifolia* beds / D5.131 *Typha latifolia* beds normally without free-standing water

NVC: S12a *Typha latifolia* swamp *Typha latifolia* sub-community (74.9%)

Annex I: No significant correspondence

Proxy environmental data

Light: 7.8 Reaction: 6.9 Wetness: 10.1 Fertility: 6.6 Salinity: 0.0

Conservation value

This is a species-poor plant community (species/4 m² = 3.1, n = 7) but it can support the EU HD Annex II species Desmoulin's whorl snail (*Vertigo moulinsiana*).

Management

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

Key references

Crawford, I., Bleasdale, A., Conaghan, J. (1998) BIOMAR survey of Irish machair sites 1996. Volume 2: Plant communities. *Irish Wildlife Manuals* No. 4. Dúchas, The Heritage Service, Dublin.

Ní Bhriain, B. (1999) A study of a turlough in the Burren, Co. Clare in its agricultural context. (B.Sc. Thesis). National University of Ireland Galway.

Synopsis version: V1.1

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Synopsis author(s): P.M. Perrin



Photo 1. FW3M *Typha latifolia* swamp, Fin Lough, Offaly (J. Brophy, November 2014)



Photo 2. FW3M *Typha latifolia* swamp, The Gearagh, Cork (P. Perrin, July 2022)