



Scientific name	<i>Potamogeton pectinatus</i> – <i>Myriophyllum spicatum</i> aquatic community
Common name	Fennel Pondweed – Spiked Water-milfoil aquatic community
Community code	FW2F

Vegetation

The fine leaves of *Potamogeton pectinatus* dominate this aquatic community and it is the only constant species. Occasionally, it is accompanied by *Potamogeton berchtoldii* or the whorled stems of *Myriophyllum spicatum*. More rarely, one may find some *Ruppia maritima/cirrrosa* (in more saline waters), the floating duckweeds *Lemna trisulca* and *Lemna minor*, or other pondweeds.

Ecology

This community is to be found mostly in lagoons with lower salinity, but also occurs in lowland rivers and freshwater lakes. It is associated with fairly base-rich and distinctly eutrophic waters.

Sub-communities

No sub-communities are currently described.

Similar communities

The dominance of *Potamogeton pectinatus* differentiates this community from the SW1A *Ruppia maritima/cirrrosa* lagoon community in which *P. pectinatus* may also occur.

Records and distribution

Number of records (all)

Clearly assigned:	93
Transitional:	6
Total:	99

Number of records (mapped)

2001-2015:	1
1986-2000:	48
1971-1985:	35
Pre-1971:	0
Total:	84

Number of hectads (most recent records)

2001-2015:	1
1986-2000:	17
1971-1985:	3
Pre-1971:	0
Total:	21

Number of hectads (all mapped records)

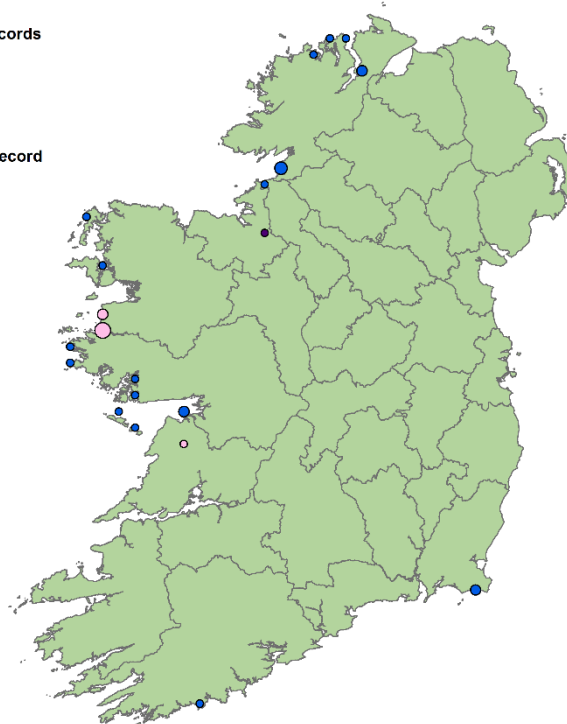
2001-2015:	1
1986-2000:	17
1971-1985:	3
Pre-1971:	0

Number of records

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

Most recent record

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



Synoptic table (n = 87)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Potamogeton pectinatus</i>	V	2-(5)-10	<i>Potamogeton natans</i>	I	3-(3)-3
<i>Myriophyllum spicatum</i>	II	1-(3)-9	<i>Ranunculus penicillatus</i>	I	+(1)-2
<i>Potamogeton bertholdii</i>	II	2-(3)-5	<i>Schoenoplectus tabernaemontani</i>	I	3-(3)-4
<i>Ruppia maritima/cirrhosa</i>	I	2-(3)-4	<i>Utricularia australis/vulgaris</i>	I	2-(3)-4
<i>Apium nodiflorum</i>	I	+(+)-2	<i>Glyceria notata</i>	I	+(+)-+
<i>Potamogeton crispus</i>	I	1-(1)-7	<i>Zannichellia palustris</i>	I	1-(3)-4
<i>Lemna trisulca</i>	I	+(1)-3	<i>Potamogeton perfoliatus</i>	I	2-(4)-7
<i>Lemna minor</i>	I	+(2)-2	<i>Menyanthes trifoliata</i>	I	2-(2)-3
<i>Leptodictyum riparium</i>	I	1-(2)-4	<i>Mentha aquatica</i>	I	+(+)-1
<i>Eleocharis palustris</i>	I	2-(3)-5	<i>Phragmites australis</i>	I	1-(2)-4
<i>Hippuris vulgaris</i>	I	+(2)-8	<i>Iris pseudacorus</i>	I	+(+)-1
<i>Schoenoplectus lacustris</i>	I	+(2)-3	<i>Myosotis scorpioides</i>	I	+(+)-+
<i>Sparganium erectum</i>	I	+(1)-2	<i>Callitriche stagnalis</i>	I	+(+)-1
<i>Elodea canadensis</i>	I	+(1)-3	<i>Oenanthe aquatica</i>	I	+(+)-1
<i>Equisetum fluviatile</i>	I	2-(2)-3	<i>Ranunculus trichophyllus</i>	I	3-(3)-5
<i>Rorippa nasturtium-aquaticum</i> agg.	I	+(+)-2	<i>Caltha palustris</i>	I	2-(2)-2
<i>Veronica anagallis-aquatica</i>	I	+(+)-+	<i>Agrostis stolonifera</i>	I	+(1)-2
<i>Persicaria amphibia</i>	I	3-(7)-8	<i>Potamogeton coloratus</i>	I	2-(3)-3
<i>Phalaris arundinacea</i>	I	+(1)-1	<i>Veronica beccabunga</i>	I	+(+)-+
<i>Fontinalis antipyretica</i>	I	+(1)-3	<i>Callitriche hermaphroditica</i>	I	+(3)-3

Affinities

GHI: CW1 Lagoons and saline lakes / FW2 Depositing lowland rivers / FL5 Eutrophic lakes

ZM: POT-01A Potamogetonion Libbert 1931

EUNIS: C1.232 Small pondweed communities

NVC: A12 *Potamogeton pectinatus* community (59.7%)

Annex I: 1150 Lagoons* / 3150 Eutrophic lakes

Proxy environmental data

Light: 6.4 Reaction: 6.9 Wetness: 11.8 Fertility: 6.6 Salinity: 1.5

Conservation value

Many examples of this community occur in water bodies that qualify as EU HD Annex I priority habitat 1150 Lagoons*.

Management

This community is typically unmanaged. It is mainly threatened by impacts which affect lagoons, including drainage for purposes of agricultural reclamation and natural siltation. The association with nutrient-enriched waters mean that eutrophication of both lakes and rivers is likely to affect its abundance.

Key references

Hatch, P. (1996) A survey of the vegetation of Irish coastal lagoons. National Parks & Wildlife Service, Dublin.

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

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