



Scientific name	<i>Parietaria judaica</i> – <i>Tortula muralis</i> wall community
Common name	Pellitory-of-the-wall – Wall Screw-moss wall community
Community code	RH1D

Vegetation

This wall community is characterised solely by the presence of clumps of *Parietaria judaica*. Cushions of *Tortula muralis* are frequently found growing nearby, as occasionally are some rosettes of *Taraxacum officinale* agg.

Ecology

This sort of simple vegetation is found on dry, sunny stone walls in the lowlands where it can establish in cracks and crevices.

Sub-communities

No sub-communities are described.

Similar communities

This is a straightforward community that is unlikely to cause confusion, although some examples may be transitional towards the RH1C *Asplenium ruta-muraria* – *Cymbalaria muralis* wall community.

Records and distribution

Number of records (all)

Clearly assigned:	5
Transitional:	0
Total:	5

Number of records (mapped)

2001-2017:	0
1986-2000:	0
1971-1985:	5
Pre-1971:	0
Total:	5

Number of hectads (most recent records)

2001-2017:	0
1986-2000:	0
1971-1985:	5
Pre-1971:	0
Total:	5

Number of hectads (all mapped records)

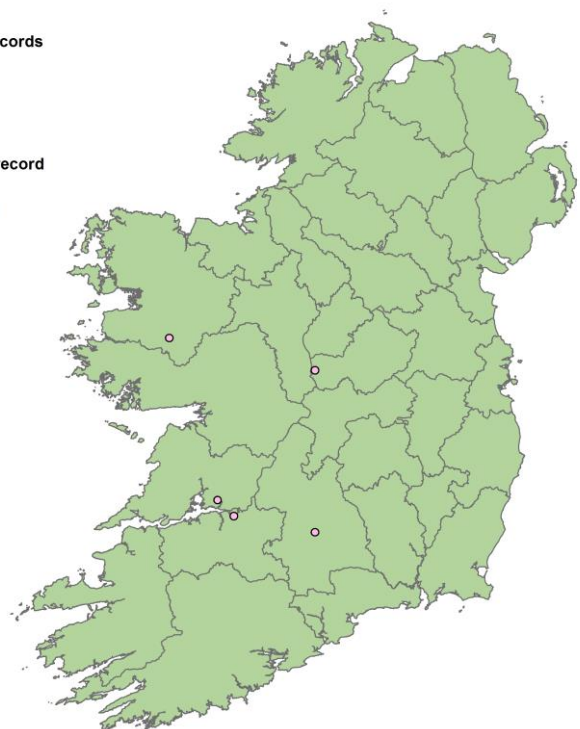
2001-2017:	0
1986-2000:	0
1971-1985:	5
Pre-1971:	0

Number of records

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

Most recent record

- 2001-2017
- 1986-2000
- 1971-1985
- pre-1971



Synoptic table (*n* = 5)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Parietaria judaica</i>	V	7-(7)-9			
<i>Tortula muralis</i>	III	2-(2)-5			
<i>Taraxacum officinale</i> agg.	II	2-(2)-2			
<i>Sonchus oleraceus</i>	I	2-(2)-2			
<i>Homalothecium sericeum</i>	I	5-(5)-5			
<i>Rhynchostegiella tenella</i>	I	2-(2)-2			
<i>Poa pratensis/humilis</i>	I	2-(2)-2			
<i>Centranthus ruber</i>	I	2-(2)-2			
<i>Didymodon rigidulus</i>	I	5-(5)-5			
<i>Bryum caespiticium</i>	I	2-(2)-2			
<i>Buddleja davidii</i>	I	2-(2)-2			

Affinities

GHI: BL1 Stone walls and other stonework

ZM: KC Asplenetea trichomanis (20.0%) / KD Cymbalario-Parietarietea diffusae (20.0%) / QA Papaveretea rhoeadis (20.0%) / CL Trifolio-Geranietea sanguinei (20.0%) / QC Chenopodietea (20.0%)

EUNIS: J1.31 Old town walls / J2.52 Field walls

NVC: OV41 *Parietaria diffusa* community (48.6%)

Annex I: No significant correspondence

Proxy environmental data

Light: 6.9 Reaction: 7.9 Wetness: 3.9 Fertility: 4.9 Salinity: 0.9

Conservation value

Vegetation corresponding to this community is typically of relatively low conservation value.

Management

This community does not require management.

Key references

Wilmanns, O, Brun-Hool, J. (1982) Plant communities of human settlements in Ireland. 1. Vegetation of walls. *Journal of Life Sciences Royal Dublin Society* 3(1), 79-90.

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Synopsis date: November 2019

Synopsis author(s): P.M. Perrin



Photo 1. Vegetation ascribable to RH1D *Parietaria judaica* – *Tortula muralis* wall community, Bray, Wicklow
(P. Perrin, November 2019)



Photo 2. Vegetation ascribable to RH1D *Parietaria judaica* – *Tortula muralis* wall community, Smithfield, Dublin
(F. O'Neill, November 2019)