



Scientific name	<i>Crataegus monogyna</i> – <i>Rubus fruticosus</i> agg. scrub
Common name	Hawthorn – Bramble scrub
Community code	SC1B

Vegetation

Crataegus monogyna, *Rubus fruticosus* agg. and *Hedera helix* provide the bulk of the vegetation in this scrubby community. Beneath, *Galium aparine* and *Urtica dioica* are constants, as are the coarse grasses *Dactylis glomerata*, *Arrhenatherum elatius*, *Agrostis stolonifera* and *Holcus lanatus*. Several ferns are frequently found here: *Dryopteris filix-mas*, *Polystichum setiferum*, *Phyllitis scolopendrium* and *Pteridium aquilinum*.

Ecology

All current records of this community come from hedgerows and hedgebanks in the lowlands, but hawthorn scrub, invading abandoned fields and fringing woodland, can probably also be included here. Due to its thorny and rather commonplace nature, it has been vastly under-recorded.

Sub-communities

No sub-communities are described.

Similar communities

Community SC1A is similar in character, but *Prunus spinosa* is invariably present in that assemblage.

Records and distribution

Number of records (all)

Clearly assigned:	63
Transitional:	6
Total:	69

Number of records (mapped)

2001-2018:	1
1986-2000:	66
1971-1985:	1
Pre-1971:	1
Total:	69

Number of hectads (most recent records)

2001-2018:	1
1986-2000:	5
1971-1985:	1
Pre-1971:	1
Total:	8

Number of hectads (all mapped records)

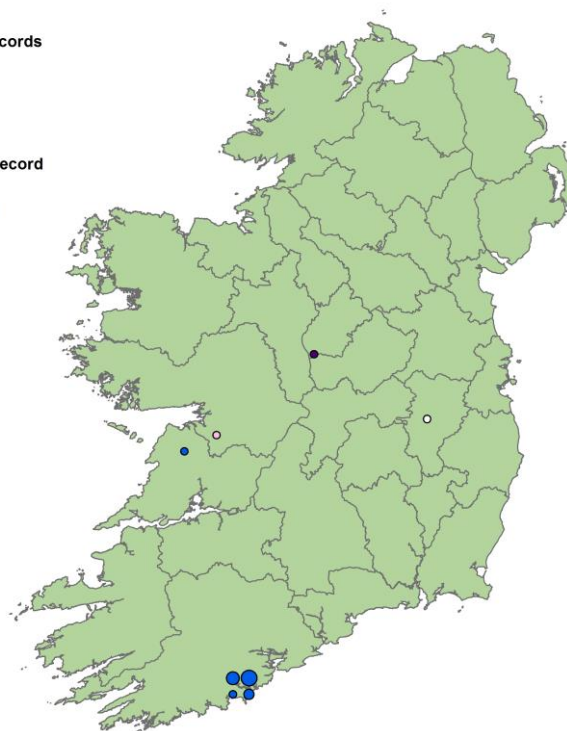
2001-2018:	1
1986-2000:	5
1971-1985:	1
Pre-1971:	1

Number of records

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

Most recent record

- 2001-2018
- 1986-2000
- 1971-1985
- pre-1971



Synoptic table (n = 41)

Species	Frequency (from I-V)	Cover min (med) max	Species	Frequency (from I-V)	Cover min (med) max
<i>Crataegus monogyna</i>	V	3-(7)-9	<i>Ulex europaeus</i>	II	3-(3)-7
<i>Hedera helix</i>	V	3-(5)-8	<i>Viola riviniana/reichenbachiana</i>	II	2-(2)-3
<i>Galium aparine</i>	V	2-(3)-5	<i>Fraxinus excelsior</i>	II	2-(5)-8
<i>Rubus fruticosus</i> agg.	V	3-(7)-8	<i>Geranium robertianum</i>	II	2-(3)-5
<i>Dactylis glomerata</i>	IV	2-(2)-5	<i>Plantago lanceolata</i>	II	2-(2)-3
<i>Urtica dioica</i>	IV	2-(3)-8	<i>Rumex conglomeratus</i>	II	2-(2)-3
<i>Arrhenatherum elatius</i>	IV	2-(3)-7	<i>Calystegia sepium</i>	II	2-(5)-8
<i>Agrostis stolonifera</i>	IV	2-(3)-7	<i>Plantago major</i>	II	2-(2)-3
<i>Holcus lanatus</i>	IV	2-(3)-7	<i>Rumex obtusifolius</i>	II	2-(2)-5
<i>Dryopteris filix-mas</i>	III	2-(2)-5	<i>Digitalis purpurea</i>	II	2-(2)-3
<i>Polystichum setiferum</i>	III	2-(3)-5	<i>Brachypodium sylvaticum</i>	II	2-(2)-3
<i>Heracleum sphondylium</i>	III	2-(3)-5	<i>Ilex aquifolium</i>	II	3-(5)-5
<i>Phyllitis scolopendrium</i>	III	2-(3)-3	<i>Lathyrus pratensis</i>	II	+-(2)-3
<i>Ranunculus repens</i>	III	2-(3)-7	<i>Lotus pedunculatus</i>	II	2-(3)-5
<i>Lonicera periclymenum</i>	III	2-(4)-7	<i>Stachys sylvatica</i>	II	2-(3)-5
<i>Veronica chamaedrys</i>	III	2-(2)-5	<i>Dryopteris dilatata</i>	II	2-(2)-3
<i>Cirsium arvense</i>	III	2-(3)-5	<i>Geum urbanum</i>	II	2-(2)-3
<i>Filipendula ulmaria</i>	III	2-(3)-7	<i>Potentilla anserina</i>	II	2-(2)-3
<i>Pteridium aquilinum</i>	III	2-(3)-5	<i>Potentilla reptans</i>	II	2-(3)-5
<i>Teucrium scorodonia</i>	II	2-(2)-3	<i>Rumex acetosa</i>	II	2-(2)-5

Affinities

GHI: WL1 Hedgerows

ZM: CA Carpino-Fagetea sylvaticae (41.5%) / CM Molinio-Arrhenatheretea (24.4%) / Alno glutinosae-Populetea albae (17.1%)

EUNIS: F3.11212 Atlantic hawthorn-ivy scrub

NVC: MG1c *Arrhenatherum elatius* coarse grassland *Filipendula ulmaria* sub-community (49.2%) but also, W21a *Crataegus monogyna* – *Hedera helix* scrub *Hedera helix* – *Urtica dioica* sub-community (42.7%)

Annex I: No significant correspondence

Proxy environmental data

Light: 5.8 Reaction: 6.4 Wetness: 5.6 Fertility: 5.9 Salinity: 0.1

Conservation value

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

Management

Hedgerows would once have been periodically layed to maintain their vigour and make them stockproof. Today, the vast majority of hedges are mechanically flailed. Hedgerows and scrub may be lost due to enlargement of fields, agricultural improvement and urban developments.

Key references

Browne, A. (1998) Vegetation-environment interactions in the vicinity of a pharmaceutical plant near Kinsale, Co. Cork. (Ph.D. thesis). University College Dublin.

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