

# *Ulex europaeus*

## Habitus and growth type

Plant height [m]: **2**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **8.2**

## Flower

Flowering period: **January-May**

## Fruit, seed and dispersal

Seed mass [mg]: **6.08**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **6.5**

Moisture indicator value: **4.8**

Reaction indicator value: **3.5**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.53**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.17**

Grazing pressure: **0.26**

Soil disturbance: **0.16**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N19 Atlantic coastal Calluna and Ulex heath](#)

Constant species of EUNIS habitats: [N19 Atlantic coastal Calluna and Ulex heath](#),  
[T29 Broadleaved evergreen plantation of non site-native trees](#), [T3M Coniferous plantation of non site-native trees](#)

### Broad habitat

Occurrence in broad habitats: **Heathland, Scrub, Forest**

## Distribution

Continentality: **1**

Continentality amplitude: **1**