

# *Chimaphila umbellata*

## Habitus and growth type

Plant height [m]: **0.12**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Leaf

Leaf type (woody plants only): **Sclerophyllous**

Leaf phenology (woody plants only): **Evergreen**

Specific leaf area [mm<sup>2</sup>/mg]: **9.13**

## Fruit, seed and dispersal

Seed mass [mg]: **0**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4**

Temperature indicator value: **4.8**

Moisture indicator value: **4.7**

Reaction indicator value: **5**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.51**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.11**

Mowing frequency: **0**

Grazing pressure: **0.2**

Soil disturbance: **0.21**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1F Baltic coniferous coastal dune forest](#),  
[T35 Temperate continental Pinus sylvestris forest](#)

### Broad habitat

Occurrence in broad habitats: **Forest**

## **Distribution**

Continentality: **7**

Continentality amplitude: **4**