

# *Hornungia petraea*

## Habitus and growth type

Plant height [m]: **0.08**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Leaf

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

## Flower

Flowering period: **January-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.11**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

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: **Alkaline**

Nutrient relationship: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Moisture indicator value: **2**

Reaction indicator value: **7.8**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.12**

Disturbance frequency (herb layer): **1.81**  
Disturbance severity: **0.57**  
Disturbance severity (herb layer): **0.51**  
Mowing frequency: **0.11**  
Grazing pressure: **0.37**  
Soil disturbance: **0.3**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CK \(SED\) \*Sedo-Scleranthetea\*](#), [FJ \(TRA\) \*Stipo-Trachynietea distachyae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R13 \*Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops\*](#), [R1F \*Mediterranean annual-rich dry grassland\*](#)

Constant species of EUNIS habitats: [R13 \*Cryptogam- and annual-dominated vegetation on calcareous and ultramafic rock outcrops\*](#), [R1F \*Mediterranean annual-rich dry grassland\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **5**  
Continentality amplitude: **3**