

Hornungia petraea

Habitus and growth type

Plant height [m]: **0.08**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/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**