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^2/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**

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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**

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