Phelipanche arenaria

Habitus and growth type

Plant height [m]: **0.34**
Life span: **Perennial**
Life form: **Geophyte**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.01**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **obligate root parasite**
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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **7.5**
Moisture indicator value: **3.1**
Reaction indicator value: **8**
Nutrient indicator value: **1.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.4**
Disturbance frequency (herb layer): **2**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.45**

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Mowing frequency: **0.47**
Grazing pressure: **0.25**
Soil disturbance: **0.33**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, DA (FES) *Festuco-Brometea***

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**

Distribution

Continentality: **6**
Continentality amplitude: **6**

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