Onosma arenaria

Habitus and growth type

Plant height [m]: **0.39**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **3.42**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Oligotrophic**

Ellenberg-type indicator values

Light indicator value: **8.1**
Moisture indicator value: **3.4**
Reaction indicator value: **7.5**
Nutrient indicator value: **2**
Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **2.19**
Disturbance frequency (herb layer): **2.19**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.5**
Grazing pressure: **0.36**
Soil disturbance: **0.28**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, CK (SED) *Sedo-Scleranthetea***

Broad habitat

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

Distribution

Continentality: **8**
Continentality amplitude: **4**

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