

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**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) *Koelerio-Coryneporetea canescentis*](#), [CK \(SED\) *Sedo-Scleranthetea*](#)

Broad habitat

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

Distribution

Continentality: **8**

Continentality amplitude: **4**