Alkanna tinctoria

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **31.44**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **4.14**
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**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**
Temperature indicator value: **9.7**
Moisture indicator value: **1.7**
Reaction indicator value: **7.3**
Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.86**
Disturbance frequency (herb layer): **1.71**
Disturbance severity: **0.61**

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Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.26**
Grazing pressure: **0.33**
Soil disturbance: **0.32**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis***

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**

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