Onopordum acanthium

Habitus and growth type

Plant height [m]: **1.15**
Life span: **Biennial or short-lived**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **14.25**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **10.22**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Moisture indicator value: **3.6**
Reaction indicator value: **6.9**
Nutrient indicator value: **7.6**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.47**
Disturbance frequency (herb layer): **1.8**

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Disturbance severity: **0.79**
Disturbance severity (herb layer): **0.77**
Mowing frequency: **0.96**
Grazing pressure: **0.14**
Soil disturbance: **0.41**

Habitat and sociology

Broad habitat

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

Distribution

Continentality amplitude: **7**

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