

Hyoscyamus albus

Habitus and growth type

Plant height [m]: **0.39**

Life span: **Annual, Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte, Therophyte**

Flower

Flowering period: **January-December**

Fruit, seed and dispersal

Seed mass [mg]: **0.52**

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: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **8.6**

Moisture indicator value: **3.3**

Reaction indicator value: **7.7**

Nutrient indicator value: **8.5**

Salinity indicator value: **0.5**

Disturbance indicator values

Disturbance frequency: **1.35**

Disturbance frequency (herb layer): **1.5**

Disturbance severity: **0.81**

Disturbance severity (herb layer): **0.8**

Mowing frequency: **0.83**

Grazing pressure: **0.14**

Soil disturbance: **0.59**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QB \(SIS\) Sisymbrietea](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Sparsely vegetated (incl. rock and scree), Synanthropic**