

Eryngium alpinum

Habitus and growth type

Plant height [m]: **0.47**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **June-September**

Fruit, seed and dispersal

Seed mass [mg]: **5.02**

Dispersal mode: **Anemochory**

Dispersal distance class: **4**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **3**

Moisture indicator value: **5.5**

Reaction indicator value: **6**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.66**

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

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.27**

Mowing frequency: **0.2**

Grazing pressure: **0.2**

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CS \(MUL\) *Mulgedio-Aconitetea*](#)

Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Sparsely vegetated (incl. rock and scree)**