

Carum carvi

Habitus and growth type

Plant height [m]: **0.55**

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

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **25.58**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.17**

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: **Mesic**

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

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **4.1**

Reaction indicator value: **5.5**

Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.62**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **1.04**

Grazing pressure: **0.26**

Soil disturbance: **0.34**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#)

Constant species of EUNIS habitats: [R45 Alpine and subalpine calcareous grassland of the Balkans and Apennines](#)

Broad habitat

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

Distribution

Continentality: **6**

Continentality amplitude: **6**