

Pastinaca sativa

Habitus and growth type

Plant height [m]: **0.64**

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

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **32.93**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.88**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **6.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.3**

Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.4**

Disturbance frequency (herb layer): **1.84**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.56**

Mowing frequency: **0.98**

Grazing pressure: **0.16**

Soil disturbance: **0.35**

Habitat and sociology

Broad habitat

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

Distribution

Continentality amplitude: 5