

# ***Daucus carota***

## **Habitus and growth type**

Plant height [m]: **0.57**

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

Life form: **Hemicryptophyte, Therophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **17.9**

## **Flower**

Flowering period: **February-December**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.13**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### **Ellenberg-type indicator values**

Light indicator value: **8.1**

Moisture indicator value: **4.1**

Reaction indicator value: **6.6**

Salinity indicator value: **0.7**

### **Disturbance indicator values**

Disturbance frequency: **1.14**

Disturbance frequency (herb layer): **1.72**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.53**

Mowing frequency: **0.7**

Grazing pressure: **0.21**

Soil disturbance: **0.32**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N34 Atlantic and Baltic soft sea cliff](#)

Constant species of EUNIS habitats: [N1B Mediterranean and Black Sea coastal dune scrub](#), [N22 Mediterranean and Black Sea coastal shingle beach](#), [N31 Atlantic and Baltic rocky sea cliff and shore](#), [N32 Mediterranean and Black Sea rocky sea cliff and shore](#), [N34 Atlantic and Baltic soft sea cliff](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1E Mediterranean tall perennial dry grassland](#), [R1T Azorean open, dry, acid to neutral grassland](#), [R22 Low and medium altitude hay meadow](#), [R24 Iberian summer pasture \(vallicar\)](#), [R31 Mediterranean tall humid inland grassland](#), [R32 Mediterranean short moist grassland of lowlands](#), [R34 Submediterranean moist meadow](#), [S53 Spartium junceum scrub](#), [S54 Thermomediterranean arid scrub](#), [S71 Western Mediterranean spiny heath](#), [T29 Broadleaved evergreen plantation of non site-native trees](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#), [V12 Mixed crops of market gardens and horticulture](#), [V32 Mediterranean subnitrophilous annual grassland](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#), [V38 Dry perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Coastal cliff, Wetland, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: **8**