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^2/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**

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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: **N32 Mediterranean and Black Sea rocky sea cliff and shore**, **N34 Atlantic and Baltic soft sea cliff**, **R1T Azorean open, dry, acid to neutral grassland**, **V12 Mixed crops of market gardens and horticulture**

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**

Dominant species of EUNIS habitats: **V12 Mixed crops of market gardens and horticulture**

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**

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