

Helichrysum italicum

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/mg]: **8.38**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.06**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

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**

Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **8.7**

Moisture indicator value: **4**

Reaction indicator value: **7.3**

Nutrient indicator value: **3**

Salinity indicator value: **1.3**

Disturbance indicator values

Disturbance frequency: **0.8**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.17**

Grazing pressure: **0.29**

Soil disturbance: **0.2**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [S62 Western acidophilous garrigue](#), [S71 Western Mediterranean spiny heath](#)

Constant species of EUNIS habitats: [N22 Mediterranean and Black Sea coastal shingle beach](#), [R14 Perennial rocky grassland of the Italian Peninsula](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [S53 Spartium junceum scrub](#), [S62 Western acidophilous garrigue](#), [S71 Western Mediterranean spiny heath](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [U34 Mediterranean siliceous inland cliff](#), [U3B Mediterranean ultramafic inland cliff](#)

Broad habitat

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