Helichrysum italicum

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Chamaephyte**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

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: **R14 Perennial rocky grassland of the Italian Peninsula**, **S62 Western acidophilous garrigue**, **S71 Western Mediterranean spiny heath**, **S74 Central Mediterranean mountain hedgehog-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)**

© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz