

Carlina nebrodensis

Habitus and growth type

Plant height [m]: **0.3**

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

Life form: **Hemicryptophyte**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

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: **Dystrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **5**

Moisture indicator value: **1**

Reaction indicator value: **7**

Nutrient indicator value: **1**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.12**

Disturbance frequency (herb layer): **1.9**

Disturbance severity: **0.4**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.04**

Grazing pressure: **0.36**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FN \(RUM\) Rumici-Astragaletea siculi](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [S74 Central Mediterranean mountain hedgehog-heath](#)

Constant species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**