

Dorycnium pentaphyllum

Habitus and growth type

Plant height [m]: **0.37**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

Spinescence: **not spinescent**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm²/mg]: **8.85**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.16**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate reaction relationship: **Alkaline**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Reaction indicator value: **8.2**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.51**

Disturbance frequency (herb layer): **1.59**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.29**

Grazing pressure: **0.3**

Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [S61 Western basiphilous garrigue](#)

Constant species of EUNIS habitats: [R16 Perennial rocky grassland of Central and South-Eastern Europe](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R18 Perennial rocky calcareous grassland of subatlantic-submediterranean Europe](#), [R19 Dry steppic submediterranean pasture of the Amphi-Adriatic region](#), [R32 Mediterranean short moist grassland of lowlands](#), [S53 Spartium junceum scrub](#), [S61 Western basiphilous garrigue](#), [T1A Mediterranean thermophilous deciduous forest](#), [T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T3A Mediterranean lowland to submontane Pinus forest](#)

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh**, **Coastal cliff**, **Grassland (non-alpine, non-saline)**, **Saline vegetation**, **Scrub**, **Forest**, **Sparsely vegetated (incl. rock and scree)**