

# ***Berberis aetnensis***

## **Habitus and growth type**

Plant height [m]: **0.63**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## **Flower**

Flowering period: **April-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **11.48**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

## **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: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **8.5**

Temperature indicator value: **4**

Moisture indicator value: **2**

Reaction indicator value: **4**

Nutrient indicator value: **3.5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.74**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.36**

Disturbance severity (herb layer): **0.23**

Mowing frequency: **0.01**

Grazing pressure: **0.23**

Soil disturbance: **0.07**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [S74 Central Mediterranean mountain hedgehog-heath](#)

Constant species of EUNIS habitats: [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [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)**