

# *Berberis vulgaris*

## Habitus and growth type

Plant height [m]: **2.17**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

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

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

Specific leaf area [mm<sup>2</sup>/mg]: **13.03**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **82.78**

Dispersal mode: **Endozoochory, Anthropochory**

Dispersal distance class: **6, 7**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **5.8**

Moisture indicator value: **3.9**

Reaction indicator value: **8.1**

Nutrient indicator value: **3**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.29**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.03**

Grazing pressure: **0.21**

Soil disturbance: **0.11**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CD \(RHA\) \*Crataego-Prunetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#)

Constant species of EUNIS habitats: [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#)

### Broad habitat

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

## Distribution

Continentality: **5**

Continentality amplitude: **4**