

# *Lycium barbarum*

## Habitus and growth type

Plant height [m]: **1.89**

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]: **14.25**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **425.85**

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: **neophyte**

## Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **7**

Moisture indicator value: **4.8**

Reaction indicator value: **6.5**

Nutrient indicator value: **4.7**

Salinity indicator value: **0.2**

## Disturbance indicator values

Disturbance frequency: **0.78**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.73**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.46**

Grazing pressure: **0.19**

Soil disturbance: **0.32**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FK \(PEG\) \*Pegano harmalae-Salsolatea vermiculatae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

## Distribution

Continentality: **8**

Continentality amplitude: **3**