

# *Dioscorea communis*

## Habitus and growth type

Plant height [m]: **2.92**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte, Herbaceous liana**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **30.3**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **245.07**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.9**

Moisture indicator value: **4.8**

Reaction indicator value: **7.6**

Nutrient indicator value: **5.2**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.06**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.14**

Mowing frequency: **0.01**

Grazing pressure: **0.21**

Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CB (PUB) *Quercetea pubescentis***, **GB (OLE) *Oleo cerasiformis-Rhamnetea crenulatae***, **HA (POP) *Alno glutinosae-Populetea albae***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **[T14 Mediterranean and Macaronesian riparian forest](#)**, **[T19 Temperate and submediterranean thermophilous deciduous forest](#)**, **[T1G \*Alnus cordata\* forest](#)**, **[T21 Mediterranean evergreen \*Quercus\* forest](#)**, **[T22 Mainland laurophyllous forest](#)**, **[T25 Phoenix theophrasti vegetation](#)**

Constant species of EUNIS habitats: **[S37 \*Corylus avellana\* scrub](#)**, **[S51 Mediterranean maquis and arborescent matorral](#)**, **[T14 Mediterranean and Macaronesian riparian forest](#)**, **[T19 Temperate and submediterranean thermophilous deciduous forest](#)**, **[T1A Mediterranean thermophilous deciduous forest](#)**, **[T1G \*Alnus cordata\* forest](#)**, **[T21 Mediterranean evergreen \*Quercus\* forest](#)**, **[T22 Mainland laurophyllous forest](#)**, **[T23 Macaronesian laurophyllous forest](#)**, **[T25 Phoenix theophrasti vegetation](#)**, **[T27 \*Ilex aquifolium\* forest](#)**, **[T3C \*Taxus baccata\* forest](#)**

### Broad habitat

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

## Distribution

Continentality: **3**

Continentality amplitude: **3**