

Dioscorea communis

Habitus and growth type

Plant height [m]: **2.92**

Life span: **Perennial**

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

Leaf

Specific leaf area [mm²/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**