

Bryonia dioica

Habitus and growth type

Plant height [m]: **2.57**

Life span: **Perennial**

Life form: **Hemicryptophyte, Herbaceous liana**

Leaf

Specific leaf area [mm²/mg]: **28.62**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **111.33**

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: **7.6**

Temperature indicator value: **6.6**

Moisture indicator value: **5.9**

Reaction indicator value: **7.6**

Nutrient indicator value: **6.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.39**

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

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.07**

Grazing pressure: **0.21**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) *Alno glutinosae-Populetea albae*](#), [QG \(EPI\) *Epilobietea angustifolii*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1G *Alnus cordata* forest](#)

Constant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [T1G *Alnus cordata* forest](#)

Broad habitat

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

Distribution

Continentality: **3**

Continentality amplitude: **3**