

# *Bryonia dioica*

## Habitus and growth type

Plant height [m]: **2.57**

Life span: **Perennial**

Life form: **Hemicryptophyte, Herbaceous liana**

## Leaf

Specific leaf area [mm<sup>2</sup>/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: [T1G \*Alnus cordata forest\*](#)

### Broad habitat

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

## Distribution

Continentality: **3**

Continentality amplitude: **3**