

Bryonia alba

Habitus and growth type

Plant height [m]: **2.4**

Life span: **Perennial**

Life form: **Hemicryptophyte, Herbaceous liana**

Leaf

Specific leaf area [mm²/mg]: **31.01**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **14.48**

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**

Temperature indicator value: **6.2**

Moisture indicator value: **5.2**

Reaction indicator value: **7.2**

Nutrient indicator value: **5.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.45**

Disturbance frequency (herb layer): **1.35**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.24**
Grazing pressure: **0.2**
Soil disturbance: **0.2**

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: [N1E Black Sea broad-leaved coastal dune forest](#)

Broad habitat

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

Distribution

Continentality: 7

Continentality amplitude: 4