

Juglans regia

Habitus and growth type

Plant height [m]: **19.47**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm²/mg]: **14.6**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **6609.81**

Dispersal mode: **Dyszoochory, Anthropochory**

Dispersal distance class: **6, 7**

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: **6.1**

Moisture indicator value: **5.3**

Reaction indicator value: **7.1**

Nutrient indicator value: **6.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.1**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.2**

Mowing frequency: **0.03**

Grazing pressure: **0.19**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

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

Broad habitat

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

Distribution

Continentality: **5**

Continentality amplitude: **3**