

Paris quadrifolia

Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/mg]:

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **208.28**

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: **3.3**

Temperature indicator value: **5.2**

Moisture indicator value: **6.4**

Reaction indicator value: **7.3**

Nutrient indicator value: **6.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.05**

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

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BB \(ASA\) *Asaro europaei-Abietetea sibiricae*](#), [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1F Ravine forest](#)

Constant species of EUNIS habitats: [T12 *Alnus glutinosa-Alnus incana* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T17 *Fagus forest on non-acid soils*](#), [T1E *Carpinus* and *Quercus* mesic deciduous forest](#), [T1F Ravine forest](#), [T31 Temperate mountain *Picea* forest](#), [T32 Temperate mountain *Abies* forest](#), [T3F Dark taiga](#), [T3H *Larix* light taiga](#)

Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Forest**

Distribution

Continentality amplitude: **6**