Paris quadrifolia

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T17 Fagus forest on non-acid soils, T1F Ravine forest, T32 Temperate mountain Abies forest**
Constant species of EUNIS habitats: **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, 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**

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