

# *Paris quadrifolia*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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: [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**