

# *Rhododendron ponticum*

## Habitus and growth type

Plant height [m]: **6.25**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **6.92**

## Fruit, seed and dispersal

Seed mass [mg]: **0.08**

Dispersal mode: **Anemochory, Anthropochory**

Dispersal distance class: **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: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **4.5**

Temperature indicator value: **5**

Moisture indicator value: **5.3**

Reaction indicator value: **3.5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.07**

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

Disturbance severity: **0.72**

Disturbance severity (herb layer): **0.15**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#),  
[FA \(QUI\) \*Quercetea ilicis\*](#), [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

### Broad habitat

Occurrence in broad habitats: **Forest**