

# *Rosa tomentosa*

## Habitus and growth type

Plant height [m]: **1.61**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

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

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

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **10.21**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **5.9**

Moisture indicator value: **4**

Nutrient indicator value: **3.1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.26**

Disturbance frequency (herb layer): **1.3**

Disturbance severity: **0.59**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.05**

Grazing pressure: **0.21**

Soil disturbance: **0.09**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CD \(RHA\) Crataego-Prunetea](#)

### Broad habitat

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

## **Distribution**

Continentality amplitude: **5**