

Rosa arvensis

Habitus and growth type

Plant height [m]: **1.5**

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**

Specific leaf area [mm²/mg]: **21.98**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **389.81**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.9**

Temperature indicator value: **5.6**

Reaction indicator value: **7**

Nutrient indicator value: **4.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.03**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0.01**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#),
[CB \(PUB\) *Quercetea pubescentis*](#)

EUNIS habitat

Constant species of EUNIS habitats: [T17 *Fagus forest on non-acid soils*](#), [T19 *Temperate and submediterranean thermophilous deciduous forest*](#), [T1E *Carpinus and Quercus mesic deciduous forest*](#), [T33 *Mediterranean mountain Abies forest*](#)

Broad habitat

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

Distribution

Continentality: **3**
Continentality amplitude: **3**