

Aruncus dioicus

Habitus and growth type

Plant height [m]: **1.08**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **43**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.09**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.1**

Temperature indicator value: **4.7**

Moisture indicator value: **6.2**

Reaction indicator value: **6.7**

Nutrient indicator value: **7.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.07**

Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.17**
Mowing frequency: **0.01**
Grazing pressure: **0.17**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T1F Ravine forest](#)

Constant species of EUNIS habitats: [T1F Ravine forest](#)

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **5**

Continentality amplitude: **4**