Astrantia major

Habitus and growth type

Plant height [m]: **0.51**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.3**

Flower

Flowering period: **April-October**

Fruit, seed and dispersal

Seed mass [mg]: **3.85**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **6.3**
Temperature indicator value: **3.9**
Moisture indicator value: **5.7**
Reaction indicator value: **7.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.33**
Disturbance frequency (herb layer): **1.41**

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Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.2**
Grazing pressure: **0.2**
Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R23 Mountain hay meadow**
Constant species of EUNIS habitats: **R23 Mountain hay meadow**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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