Viola riviniana

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **30.95**

Flower

Flowering period: **March-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.22**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **5.5**
Moisture indicator value: **4.7**
Reaction indicator value: **4.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.21**
Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.62**

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Disturbance severity (herb layer): **0.23**
Mowing frequency: **0.12**
Grazing pressure: **0.23**
Soil disturbance: **0.16**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae*, CC (QUE) *Quercetea robori-petraeae*, GC (LAU) *Pruno lusitanicae-Lauretea azoricae***

EUNIS habitat

Constant species of EUNIS habitats: **N19 Atlantic coastal Calluna and Ulex heath, R52 Forest fringe of acidic nutrient-poor soils, R54 Pteridium aquilinum vegetation, S37 Corylus avellana scrub, T29 Broadleaved evergreen plantation of non site-native trees, T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Heathland, Scrub, Forest, Synanthropic**

Distribution

Continentality: **4**
Continentality amplitude: **4**

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