

Fumaria vaillantii

Habitus and growth type

Plant height [m]: **0.33**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **43.72**

Flower

Flowering period: **May-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.53**

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**

Temperature indicator value: **6.8**

Moisture indicator value: **3.6**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.7**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.28**

Disturbance frequency (herb layer): **1.95**

Disturbance severity: **0.82**

Disturbance severity (herb layer): **0.78**

Mowing frequency: **0.48**

Grazing pressure: **0.17**

Soil disturbance: **0.75**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) *Chenopodietea*](#)

Broad habitat

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

Distribution

Continentality: 7

Continentality amplitude: 7