

# *Viola kitaibeliana*

## Habitus and growth type

Plant height [m]: **0.13**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **February-April**

## Fruit, seed and dispersal

Seed mass [mg]: **0.52**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **7.3**

Moisture indicator value: **2.8**

Reaction indicator value: **6.4**

Nutrient indicator value: **2.4**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.22**

Disturbance frequency (herb layer): **1.83**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.44**

Grazing pressure: **0.32**

Soil disturbance: **0.32**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CK \(SED\) \*Sedo-Scleranthetea\*, GC \(LAU\) \*Pruno lusitanicae-Lauretea azoricae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S34 Balkan-Anatolian submontane genistoid scrub](#)

Constant species of EUNIS habitats: [S34 Balkan-Anatolian submontane genistoid scrub](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**

Continentality amplitude: **5**