

# *Fritillaria ruthenica*

## Habitus and growth type

Life span: **Perennial**

Life form: **Geophyte**

## 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**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **5**

Moisture indicator value: **6**

### Disturbance indicator values

Disturbance frequency: **0.75**

Disturbance frequency (herb layer): **1.66**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0.47**

Grazing pressure: **0.34**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*DA \(FES\) Festuco-Brometea\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**