

# *Paeonia tenuifolia*

## Habitus and growth type

Life span: **Perennial**

Life form: **Geophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **47.47**

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**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **5.3**

Moisture indicator value: **4.5**

Disturbance indicator values

Disturbance frequency: **1.88**

Disturbance frequency (herb layer): **1.88**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.51**

Mowing frequency: **0.95**

Grazing pressure: **0.36**

Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

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

### Broad habitat

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