

# *Lathyrus japonicus*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **32.98**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **5**

Moisture indicator value: **5**

Reaction indicator value: **7**

Salinity indicator value: **3**

### Disturbance indicator values

Disturbance frequency: **1.46**

Disturbance frequency (herb layer): **1.8**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.47**

Mowing frequency: **0.11**

Grazing pressure: **0.14**

Soil disturbance: **0.58**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [AC \(LOI\) Loiseleurio procumbentis-Vaccinietea](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N21 Atlantic, Baltic and Arctic coastal shingle beach](#)

Constant species of EUNIS habitats: [N21 Atlantic, Baltic and Arctic coastal shingle beach](#)

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Heathland**