

# *Petrosimonia brachiata*

## Habitus and growth type

Life span: **Annual**

Life form: **Therophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **3.39**

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

Dispersal distance class: **1**

## 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: **8.5**

Temperature indicator value: **5.3**

Moisture indicator value: **6**

Disturbance indicator values

Disturbance frequency: **2.17**

Disturbance frequency (herb layer): **2.14**

Disturbance severity: **0.39**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.01**

Grazing pressure: **0.41**

Soil disturbance: **0.24**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DB \(FEP\) Festuco-Puccinellietea](#), [EC \(KAL\) Kalidietea foliati](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S67 Aralo-Caspian semi-desert](#), [S94 Semi-](#)

[desert riparian scrub](#), [U2A Crimean base-rich scree](#)

Constant species of EUNIS habitats: [S67 Aralo-Caspian semi-desert](#), [S94 Semi-desert riparian scrub](#), [U2A Crimean base-rich scree](#)

Broad habitat

Occurrence in broad habitats: **Saline vegetation, Semi-desert, Scrub**