

Onobrychis arenaria

Habitus and growth type

Plant height [m]: **0.31**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **8.92**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **12.75**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **6.5**

Moisture indicator value: **2.8**

Reaction indicator value: **8.8**

Nutrient indicator value: **1.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.5**

Disturbance frequency (herb layer): **1.92**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **0.8**
Grazing pressure: **0.31**
Soil disturbance: **0.16**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#)

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#)

Broad habitat

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

Distribution

Continentality: **8**

Continentality amplitude: **5**