

# ***Onobrychis montana***

## **Habitus and growth type**

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **10.81**

## **Flower**

Flowering period: **May-August**

## **Fruit, seed and dispersal**

Seed mass [mg]: **15.63**

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

Dispersal distance class: **1**

## **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: **9**

Temperature indicator value: **3.3**

Moisture indicator value: **3.7**

Reaction indicator value: **8.7**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.16**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.42**

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

Mowing frequency: **0.27**

Grazing pressure: **0.27**

Soil disturbance: **0.13**

## **Habitat and sociology**

Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **3**