

# ***Barbarea vulgaris***

## **Habitus and growth type**

Plant height [m]: **0.48**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **26.65**

## **Flower**

Flowering period: **March-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.66**

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**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.8**

Moisture indicator value: **6.1**

Reaction indicator value: **6.6**

Nutrient indicator value: **6.5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.11**

Disturbance frequency (herb layer): **1.56**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.58**

Mowing frequency: **0.47**

Grazing pressure: **0.21**

Soil disturbance: **0.32**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Constant species of EUNIS habitats: [U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions](#)

Broad habitat

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

## **Distribution**

Continentality amplitude: **6**