

Isatis apennina

Habitus and growth type

Plant height [m]: **0.21**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Flower

Flowering period: **June-August**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **3**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**