

Lens nigricans

Habitus and growth type

Plant height [m]: **0.2**

Life span: **Annual**

Life form: **Therophyte**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.4**

Moisture indicator value: **2.9**

Reaction indicator value: **7**

Nutrient indicator value: **4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.07**

Disturbance frequency (herb layer): **1.96**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.36**

Grazing pressure: **0.33**

Soil disturbance: **0.28**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) Stipo-Trachynietea distachyae](#)

Broad habitat

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