

# *Lembotropis nigricans*

## Habitus and growth type

Plant height [m]: **1.18**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **16.83**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **4.59**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.5**

Temperature indicator value: **6**

Moisture indicator value: **4.2**

Reaction indicator value: **5.6**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.22**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.22**

Mowing frequency: **0.13**

Grazing pressure: **0.23**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CC \(QUE\) Quercetea robori-petraeae](#)

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **2**