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^2/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**

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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**

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