

# *Colutea arborescens*

## Habitus and growth type

Plant height [m]: **3.33**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **spinescent**

## 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]: **14.85**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **17.67**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## 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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.8**

Temperature indicator value: **7.8**

Moisture indicator value: **3.3**

Reaction indicator value: **8**

Nutrient indicator value: **3**

Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.09**

Disturbance frequency (herb layer): **1.28**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.16**

Mowing frequency: **0.02**

Grazing pressure: **0.22**

Soil disturbance: **0.1**

## **Habitat and sociology**

Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **5**