

# *Diospyros lotus*

## Habitus and growth type

Plant height [m]: **12.03**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]:

Dispersal mode: **Endozoochory, Anthropochory**

Dispersal distance class: **6, 7**

## 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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **8**

Moisture indicator value: **4.5**

Reaction indicator value: **5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.03**

Disturbance frequency (herb layer): **1.3**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.12**

Mowing frequency: **0**  
Grazing pressure: **0.19**  
Soil disturbance: **0.11**