

# *Vitex agnus-castus*

## Habitus and growth type

Plant height [m]: **3.5**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **12.01**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **8.5**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **10.3**

Moisture indicator value: **7.3**

Reaction indicator value: **6.3**

Nutrient indicator value: **6.3**

Salinity indicator value: **0.7**

### Disturbance indicator values

Disturbance frequency: **0.77**

Disturbance frequency (herb layer): **1.64**  
Disturbance severity: **0.58**  
Disturbance severity (herb layer): **0.42**  
Mowing frequency: **0.04**  
Grazing pressure: **0.26**  
Soil disturbance: **0.19**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FD \(NER\) Nerio-Tamaricetea](#), [HA \(POP\) Alno glutinosae-Populetea albae](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S93 Mediterranean riparian scrub](#), [T25 Phoenix theophrasti vegetation](#)

Constant species of EUNIS habitats: [S93 Mediterranean riparian scrub](#), [T25 Phoenix theophrasti vegetation](#)

Dominant species of EUNIS habitats: [S93 Mediterranean riparian scrub](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**