

# *Agave americana*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **2.45**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **30.19**

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

Dispersal distance class: **2, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **neophyte**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **10**

Moisture indicator value: **3**

Reaction indicator value: **7**

Nutrient indicator value: **5.5**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **0.56**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.01**

Grazing pressure: **0.27**

Soil disturbance: **0.26**

## **Habitat and sociology**

### Broad habitat

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