Agave americana

Habitus and growth type

Plant height [m]:
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Specific leaf area [mm^2/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**

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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)**

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