

# *Amorpha fruticosa*

## Habitus and growth type

Plant height [m]: **2.83**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

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

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.8**

Dispersal mode: **Endozoochory, Anthropochory**

Dispersal distance class: **6, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Neophyte**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **6.9**

Moisture indicator value: **5.5**

Reaction indicator value: **6.3**

Nutrient indicator value: **6**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **0.48**  
Disturbance frequency (herb layer): **1.57**  
Disturbance severity: **0.63**  
Disturbance severity (herb layer): **0.4**  
Mowing frequency: **0.16**  
Grazing pressure: **0.19**  
Soil disturbance: **0.19**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#)

Broad habitat

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

## **Distribution**

Continentality: **6**  
Continentality amplitude: **6**