# *Atropa bella-donna* subsp. *caucasica*

### Habitus and growth type

Plant height [m]: **1.05**
Life span: **Perennial**
Life form: **Hemicryptophyte**

### Leaf

Specific leaf area [$mm^2$/mg]: **28.13**

### Fruit, seed and dispersal

Seed mass [mg]: **493.03**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

#### Ellenberg-type indicator values

Light indicator value: **5.9**
Temperature indicator value: **5.6**
Moisture indicator value: **5.2**
Reaction indicator value: **7.4**
Nutrient indicator value: **7.6**
Salinity indicator value: **0**

#### Disturbance indicator values

Disturbance frequency: **0.11**
Disturbance frequency (herb layer): **1.32**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.22**

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Mowing frequency: **0.07**
Grazing pressure: **0.19**
Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **QG (EPI) *Epilobietea angustifolii***

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Synanthropic**

## Distribution

Continentality: **5**
Continentality amplitude: **3**

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