

Knautia dipsacifolia

Habitus and growth type

Plant height [m]: **0.68**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **29.86**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **3.96**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6**

Temperature indicator value: **4.2**

Moisture indicator value: **6**

Reaction indicator value: **6.8**

Nutrient indicator value: **4.3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.64**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.08**
Grazing pressure: **0.19**
Soil disturbance: **0.12**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest**

Distribution

Continentality: **4**
Continentality amplitude: **2**