Nigella damascena

Habitus and growth type

Plant height [m]: **0.31**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **30.91**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.1**
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: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.9**
Moisture indicator value: **4**
Reaction indicator value: **6.3**
Nutrient indicator value: **5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.01**
Disturbance frequency (herb layer): **1.8**

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Disturbance severity: **0.79**
Disturbance severity (herb layer): **0.68**
Mowing frequency: **0.38**
Grazing pressure: **0.29**
Soil disturbance: **0.38**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QC (CHE) *Chenopodietea***

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Synanthropic**

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