Nigella arvensis

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **26.23**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.37**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **1, 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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**
Moisture indicator value: **3.4**
Reaction indicator value: **8.3**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.57**
Disturbance frequency (herb layer): **1.89**
Disturbance severity: **0.61**

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Disturbance severity (herb layer): **0.6**
Mowing frequency: **0.71**
Grazing pressure: **0.32**
Soil disturbance: **0.32**

Habitat and sociology

Broad habitat

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

Distribution

Continentality: **6**
Continentality amplitude: **5**

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