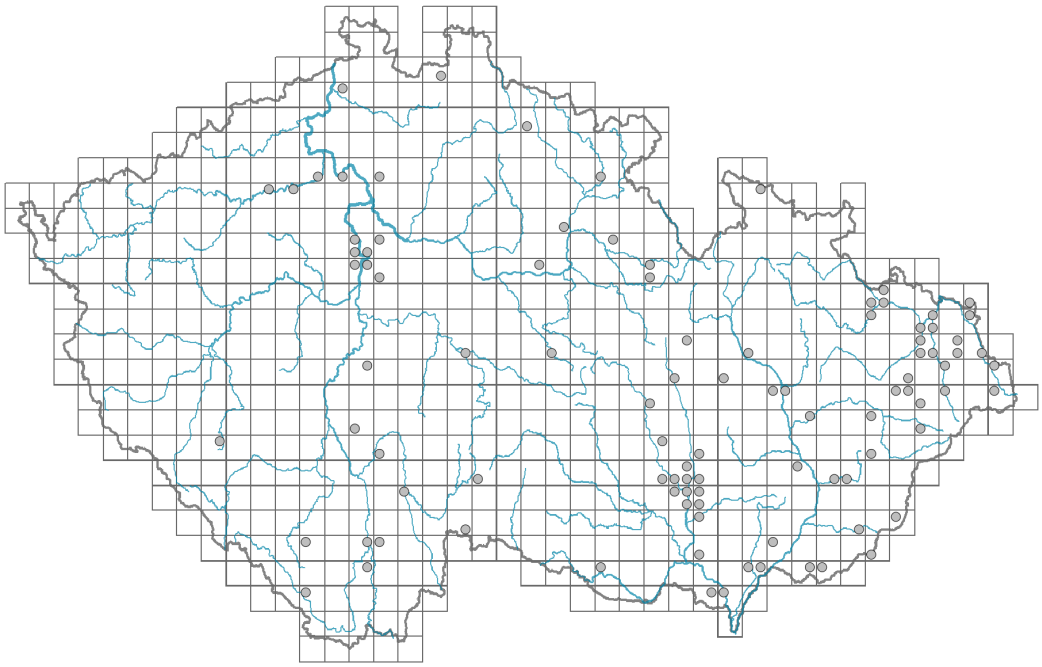
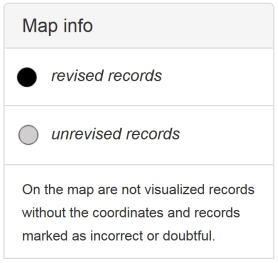
Duchesnea indica

Distribution











Habitus and growth type

Height [m]: **0.1–0.2**
Growth form: **clonal herb**
Life form: **hemicryptophyte**
Life strategy: **CSR – competitor/stress-tolerator/ruderal**



Leaf

Leaf presence and metamorphosis: **leaves present, not modified**
Leaf arrangement (phyllotaxis): **alternate**
Leaf shape: **compound – ternate**
Stipules: **present**
Petiole: **present**
Leaf life span: **evergreen**
Leaf anatomy: **mesomorphic**



Flower

Flowering period [month]: **June–July**
Flower colour: **yellow**
Flower symmetry: **actinomorphic**
Perianth type: **calyx and corolla**
Perianth fusion: **free**



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Calyx fusion: **aposepalous**
Inflorescence type: **flores solitarii**
Dicliny: **synoecious**
Generative reproduction type: **facultative allogamy**
Pollination syndrome: **insect-pollination, selfing**



Fruit, seed and dispersal



Fruit type: **dry fruit – head of achenes**
Fruit colour: **red**
Reproduction type: **mostly vegetatively, rarely by seed/spores**
Dispersal unit (diaspore): **seed, fruit, infrutescence or its part**
Dispersal strategy: **Cornus (mainly autochory and endozoochory)**
Myrmecochory: **non-myrmecochorous (b)**

Belowground organs and clonality



Shoot metamorphosis: **stolon, rhizome**
Storage organ: **stolon, rhizome**

Trophic mode



Parasitism and mycoheterotrophy: **autotrophic**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Karyology



Chromosome number (2n): **84 (42)**
Ploidy level (x): **12 (6)**
2C genome size [Mbp]: **3077.7**
1Cx monoploid genome size [Mbp]: **256.47**
Genomic GC content: **40.7 %**

Taxon origin

Origin in the Czech Republic: **neophyte**
Invasion status: **naturalized**
Geographic origin: **Asia**
Year of the first record in the wild: **1960**
Period of introduction: **Recent Past (1950–2000)**
Introduction pathway: **intentional – ornamental**

Ecological indicator values

Ellenberg-type indicator values

Light indicator value: **6 – transition between values 5 and 7; rarely at less than 20% of diffuse radiation incident in an open area**
Temperature indicator value: **6 – transition between values 5 and 7**
Moisture indicator value: **5 – indicator of fresh soils, focus on soils of average**

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moisture, missing on wet and on soils that frequently dry out
Reaction indicator value: **7 – indicator of slightly acidic to slightly basic conditions, never occurring in very acidic conditions**
Nutrient indicator value: **6 – transition between values 5 and 7**
Salinity indicator value: **0 – not salt tolerant, glycophyte**

Habitat and sociology

Occurrence in habitats

6 Meadows and mesic pastures

6C Pastures and park grasslands: **2 – optimum**

11 Heathlands and scrub

11R Scrub and pioneer woodland of forests clearings: **1 – rare occurrence**

12 Forests

12U Plantations of broad-leaved non-native trees: **1 – rare occurrence**

13 Anthropogenic vegetation

13E Perennial nitrophilous herbaceous vegetation of mesic sites: **1 – rare occurrence**

Affinity to the forest environment

Affinity to the forest environment in Thermophyticum: **0 – taxon that does not spontaneously occur in Czech forests**
Affinity to the forest environment in Mesophyticum and Oreophyticum: **0 – taxon that does not spontaneously occur in Czech forests**

Distribution and frequency

Floristic zone: **southern temperate, submeridional, meridional, subtropical, tropical, austral or antarctic**
Floristic region: **Europe, Eastern Asia, Americas, Australia, New Zealand**
Occurrence frequency in the basic grid mapping cells and quadrants of the basic grid mapping cells: 79
taxon.data.freq_in_quad: 98

Commonness in vegetation plots from the Czech Republic

Occurrence frequency in vegetation plots: **0 %**
Occurrence frequency in vegetation plots with a cover above 5%: **0 %**
Occurrence frequency in vegetation plots with a cover above 25%: **0 %**
Occurrence frequency in vegetation plots with a cover above 50%: **0 %**
Mean percentage cover in vegetation plots: **1 %**
Maximum percentage cover in vegetation plots: **1 %**

Number of habitats with taxon occurrence in the Czech Republic

Number of narrow habitats in which the taxon occurs: **4**
Number of narrow habitats in which the taxon has its optimum: **1**
Number of broad habitats in which the taxon occurs: **4**
Number of broad habitats in which the taxon has its optimum: **1**

Threats and protection

Red List 2017 (national categories): **taxon is not on the Red List**
Red List 2017 (IUCN categories): **LC(NA) – least concern (taxon is not on the Red**

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List)

Legal protection: **not protected by law**

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