

Microstylis - 2012

2. Bakgrunn (data)

2.1. Latinsk navn (Latin name)

Microstylis monophyllos (L.) Lindley

A shoot with flowers or a vegetative form (usually only one small leaf) is regarded as individual.

2.2 Rødlistestatus (redlist status)

(Critically endangered)

2.3 Utbredelse (spreading/place)

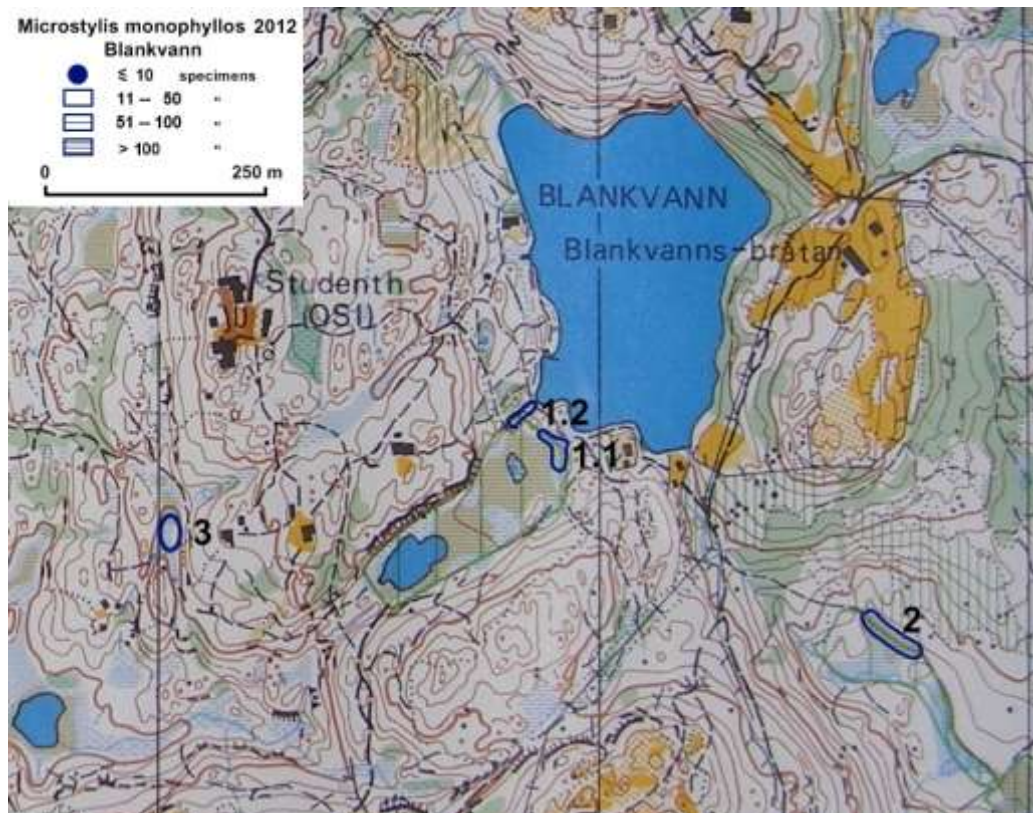
Microstylis monophyllos occurs in Northern, Central and Eastern Europe as far West as C. Norway and C. Switzerland and southwards to Northern Italy and Southern Russia.

2.4 Lokalteter i Norge (locations in Norway)

2.4.1. Lokalteter i Oslo (locations in Oslo)

3 known

Blankvann – 2012



Location: 1. Mire SW from Blankvann (Karrusputten)

In this mire (Karrusputten) after a very precise searching in a year 2009 - 3 stands with *Microstylis* were found. Stands are situated in the same mire but about 100 m apart from each other so, they were described separately. In a years 2010, 2011 and 2012 stands no 1.1 and 1.2 were confirmed but we did not find any individuals on stand no 1.3. Stand 1.1 for last 2 years grows in size and number of individuals.

Location: 1.1 Karrusputten, (Eastern and central part of a mire along a ski trail.)

Individuals: 35 (21 blooming + 14 vegetative)

Area: ca 5 x 80 m

Environment (habitat): Eastern and central part of a mire, rich fen with dominant *Carex lasiocarpa* and *Menyanthes trifoliata*. Site is on a ski trail, sometimes used in summer as a foot path. With other species: *Comarum palustre*, *Filipendula ulmaria*, *Potentilla erecta*, *Triphorum alpinum*, *Eriophorum latifolium*, *Dactylorhiza incarnata*, *D. traunsteineri*, *Drosera rotundifolia*, *D. anglica*

Condition: 35 individuals were found in this year. It is double as many as last year (17). This year is characterized by great amount of vegetative individuals and that blooming plants are small 5 - 15 cm. Most of plants growing on the same places as last years were found(not everyone). But we have found new places with new plants.

Care:

GPS-coordinates: 60° 1'24.49"N 10°39'53.37"E

[Microstylis-Karrusputten1.1.kmz](#)

Date of watch: 17.06.; 2.07.2012

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka,

Phot.1. Young specimens on location 1.1. 17.06.2012



Phot.2. Ski trail in a middle of mire with a last year found individual. 2.07.2012



Phot.3. A last year found indywidual on a ski trail between locations 1.1 and 1.2. 2.07.2012



Location: 1.2 Karrusputten, (Northern side of a mire, close to Blankvann)

Individuals: 32 (15 blooming + 17 vegetative)

Area: ca 50 m²

Environment (habitat): Northern edge of a mire, rich fen with domination of *Menyanthes trifoliata*. Site is on a ski trail just 5 m from the shore of Blankvann. With other species: *Bistorta vivipara* (*Polygonum viviparum*), *Carex flava*, *Carex nigra*, *Carex panicea*, *Comarum palustre*, *Drepanocladus* sp., *Equisetum palustre*, *Eriophorum latifolium*, *Filipendula ulmaria*, *Geum rivale*, *Menyanthes trifoliata*, *Molinia caerulea*, *Pedicularis palustris*, *Pinguicula vulgaris*, *Potentilla erecta*, *Salix* sp., *Trichophorum caespitosum*, *Triglochin palustre*, *Trollius europaeus*,

Condition: There is the same amount of individuals as last year but more vegetative than blooming ones (!). Blooming individuals (15) were usually 5 – 15 cm high.

Care:

GPS-coordinates: 60° 1'27.12"N 10°39'52.40"E

[Microstylis-Karrusputten1.2.kmz](#)

Date of watch: 17.06.; 2.07.2012

Owner:

Photos: J. Potocka

Observer: Roman Gramsz, Joanna Potocka

Phot.1. Blooming individual on location 1.2. 2.07.2012



Location: ~~1.3 Karrusputten~~, (Central part of a mire)

Individuals: not found

Area:

Environment (habitat): Central part of a mire, rich fen with dominant *Carex lasiocarpa*. Site is along a foot path. With other species: *Molinia caerulea*, *Filipendula ulmaria*, *Potentilla erecta*, *Carex rostrata*, *Eriophorum latifolium*, *Dactylorhiza incarnata*, *D. traunsteineri*, *Drosera rotundifolia*, *Polygonum viviparum*...

Condition:

Care:

GPS-coordinates: 60° 1'23.81"N 10°39'48.95"E

[Microstylis-Karrusputten1.3.kmz](#)

Date of watch: 17.06.; 2.07.2012

Owner:

Photos:

Observer: Roman Gramsz, Joanna Potocka

Location: 2. Holbekken,

Individuals: 21 (10 blooming + 11 vegetative)

Area: ca 5 x 60 m

Environment (habitat): A mire, rich fen (H₄ on vegetation map) on a left side of Holbekken, on a ski trail. Site is along a foot path (ski trail in winter). With dominant *Menyanthes trifoliata* and *Eriophorum latifolium* and another species: *Carex flava*, *Carex rostrata*, *Crepis paludosa*, *Equisetum silvaticum* *Pedicularis palustris*, *Pinguicula vulgaris*, *Polygonum viviparum*, *Potentilla erecta*, *Trichophorum caespitosum*, *Salix sp.* ...

Condition: Situation is similar like last year - 3 blooming individuals were found in quite wet, central part of a mire, close to foot path. Much more plants were found in lowest part – where small stream flow out of mire. Blooming plants are small 5 -10 (15) cm.

Care:

GPS-coordinates: 60° 1'19.50"N 10°40'18.00"E

[Microstylis-Holbekken2.kmz](#)

Date of watch: 2.07.2012

Owner:

Photos: R. Gramsz J.Potocka

Observer: Roman Gramsz, Joanna Potocka

Phot.1. Central part of a mire. 2.07.2012



Phot.2. Lowest part of a mire with concentration of *Microstylis*. 2.07.2012



Phot.3. One of a blooming *Microstylis*. In lower part of mire. 2.07.2012



Phot. 4. The most robust individual on Holbekken mire. 2.07.2012



Location: 3. "H₅ Myr"

Individuals: 25 (17 blooming + 8 vegetative)

Area: ca 10 x 30m

Environment (habitat): A small (ca 20 x 80m) mire, rich fen (H₅ on vegetation map) overgrown by bushes on sides (*Alnus glutinosa*, *Alnus incana*, *Picea abies*, *Betula pubescens*) with open central part. With: *Carex lasiocarpa*, *Carex flava*, *Carex pauciflora*, *Carex rostrata*, *Dactylorhiza maculata*, *Dactylorhiza traunsteineri* cfr., *Eriophorum latifolium*, *Equisetum sylvaticum*, *Filipendula ulmaria*, *Menyanthes trifoliata*, *Molinia caerulea*, *Pedicularis palustris*, *Pinguicula vulgaris*, *Trichophorum alpinum*, *Trichophorum caespitosum*, *Vaccinium oxycoccus*

Condition: Plants are less numerous than last year but usually at the same concentrations. Blooming individuals are rather small 5(or even 3 cm) – 10 cm high. As last year some of plants seems to be eaten or trampled by animals.

Care:

GPS-coordinates: 60° 1'23.10"N 10°39'25.40"E

[Microstylis-H5Myr3.kmz](#)

Date of watch: 4.07.2011

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka

Phot.1. Central part of the mire with mark concentrations of *Microstylis*. 4.07.2012



Phot.2. Blooming individuals are very small 3 -5 cm. 4.07.2012

