

Microstylis - 2013

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)

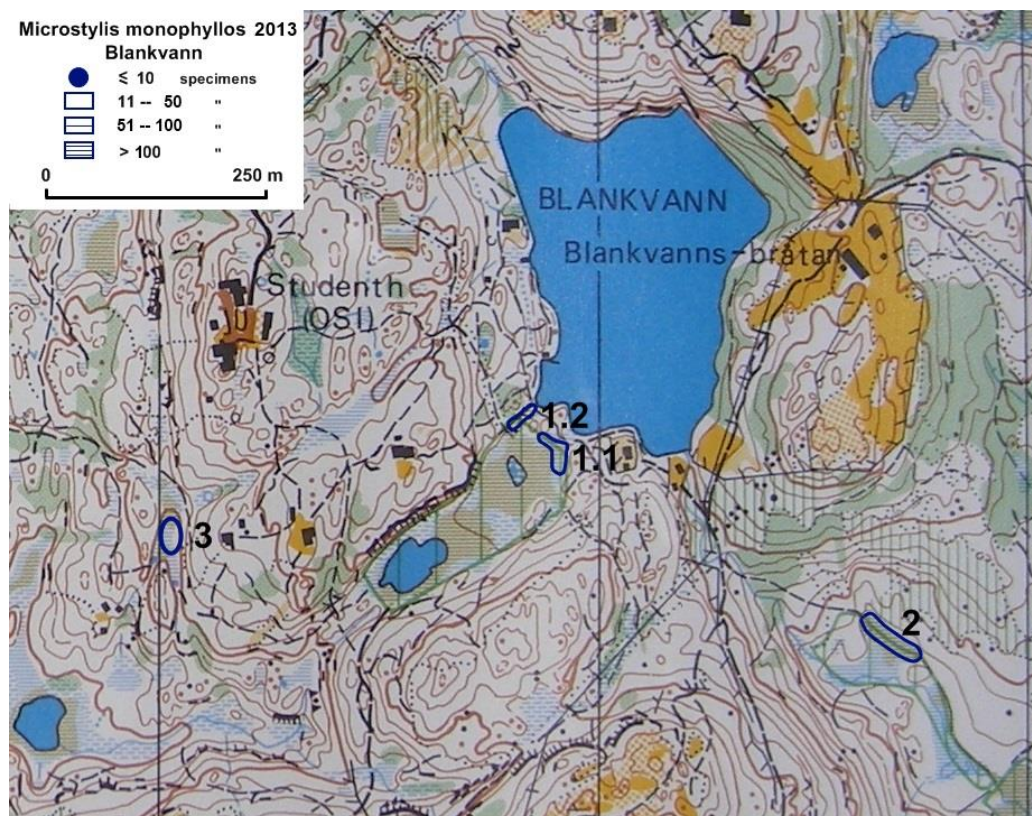
Microstylis monophyllos occurs in Northern, Central and Eastern Europe as far West as C. Norway and C. Switzerland and southwards to Northern Italy and Southern Russia.

2.4 Lokalteter i Norge (locations in Norway)

2.4.1. Lokalteter i Oslo (locations in Oslo)

3 known

Blankvann – 2013



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, 2012 and 2013 stands no 1.1 and 1.2 were confirmed but we did not found any individuals on stand no. 1.3.

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

Individuals: 20 - all blooming

Area: ca. 5 x 80 m

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

Condition: 20 blooming individuals and no one vegetative (?) were found in this year. Blooming plants are small 5 - 15 cm. Most of plants are growing on the same places as last years.

Care:

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

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

Date of watch: 11.07.2013

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka,

Phot.1. Main part of location 1.1 on a ski trail. 11.07.2013



Phot.2. Blooming *Microstylis* in the middle of ski trail. 11.07.2013



Phot.3. 2 individuals in the Eastern side of ski trail. 11.07.2013



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

Individuals: 32 (20 blooming + 12 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 a little less vegetative than blooming ones. Blooming individuals (20) were usually 5 – 8 cm, and only one 15 cm high.

Care:

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

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

Date of watch: 11.07.2013

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka

Phot.1. View over whole location 1.2. 11.07.2013



Phot.2. 1 blooming and 1 vegetative individual. 11.07.2013



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 footpath. 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: 11.07.2013

Owner:

Photos:

Observer: Roman Gramsz, Joanna Potocka

Location: 2. Holbekken,

Individuals: 17 (9 blooming + 8 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 footpath (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: All vegetation is very low this year so it is a little easier to find *Microstylis* plants. Situation is similar like last year – 3 + 1 blooming individuals were found in quite wet, central part of mire close to footpath. 3 blooming and 3 vegetative plants were found in lowest part of mire and 2 blooming + 5 vegetative 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: 12.07.2013

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz,

Phot.1. Central part of mire. 12.07.2013



Phot.2. Central part of mire with 3 blooming plants. 12.07.2013



Phot.3. Concentration of 2 blooming and 5 vegetative *Microstylis* in lower part of mire.
12.07.2013



Location: 3. "H₅ Myr"

Individuals: 26 (11 blooming + 15 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: There were similar number of plants as last year but only 11 blooming and 15 vegetative. Plants are very difficult to find - blooming individuals are rather small 5(or even 3 cm) – 10 cm high and vegetative ones (with size of single leaf 0.5 x1 cm) are only possible to notice in the already known previously marked, concentrations (compare with photograph). Search is more difficult because it may cause destroying these very small, hard to see, specimens. 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: 10, 20.07.2013

Owner:

Photos: J.Potocka

Observer: Roman Gramsz, Joanna Potocka

Phot.1. General view over central part of mire with concentrations of *Microstylis*, marked by white cards (with number). 20.07.2013



Phot.2. One of the biggest blooming individual ca. 10 cm. 20.07.2013



Phot.3. One of the small individuals, which were difficult to discern. Pen is as a comparison.
20.07.2013

