

Microstylis - 2014

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)

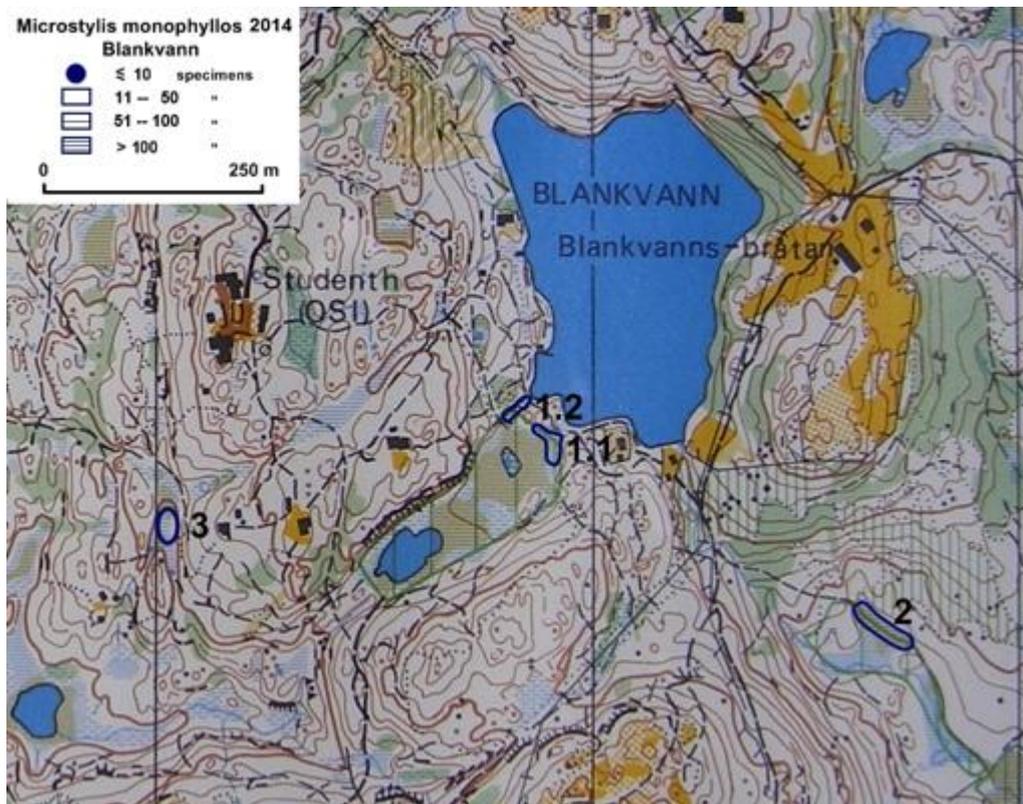
Microstylis monophyllos occurs in Northern, Central and Eastern Europe as far West as C. Norway and C. Switzerland and southwards to Northern Italy and Southern Russia.

2.4 Lokalteter i Norge (locations in Norway)

2.4.1. Lokalteter i Oslo (locations in Oslo)

3 known

Blankvann – 2014



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, 2013 and 2014 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: 38 (23 blooming + 15 vegetative)

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: A few blooming and vegetative individuals have been found in new places (in the middle of ski trail and more than last year East from this trail among high sedges *Carex lasiocarpa*). Blooming plants are 5 - 20 cm high. In 1st of June many plants were in full blossom and in 10th of June they were finishing blooming.

Care:

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

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

Date of watch: 1.07, 10.07.2014

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka,

Phot.1. Main part of location 1.1 on a ski trail. 1.07.2014



Phot.2. 5 new blooming individuals in the middle of ski trail. 1.07.2014



Phot.3. Individual known from last year on ski trail. 1.07.2014



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

Individuals: 25 (17 blooming + 8vegetative)

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 were a few less individuals than last year but the same proportion of blooming to vegetative ones. Blooming individuals (17) were usually 5 – 8(15) cm and most of them grow in the same places as last year.

Care:

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

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

Date of watch: 10.07.2014

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka

Phot.1. One of the biggest blooming individual on location 1.2. 10.07.2014.



Phot.2. 2 blooming and 2 vegetative individuals. 10.07.2014



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: 1.07, 10.07.2014

Owner:

Photos:

Observer: Roman Gramsz, Joanna Potocka

Location: 2. Holbekken,

Individuals: 25 (10 blooming + 15vegetative)

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 mire is relatively dry this year. The distribution of *microstylis* plants is similar like last year – 2 blooming individuals were found in central part of mire close to footpath and the rest in lowest part of mire in two concentrations. There were more individuals (mainly vegetative ones) than last year. 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: 9.07.2014

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz, Joanna Potocka

Phot.1. Central part of mire. 9.07.2014



Phot.2. The lower part of mire. Joanna shows one and ski stick another concentration of *microstylis* plants. 9.07.2014.



Phot.3. Concentration of *Microstylis* in lower part of mire. 9.07.2014



Location: 3. "H5 Myr"

Individuals: 21 (10 blooming + 11 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 oxycoccos*

Condition: This year we have found fewer plants than last year. 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 x 1 cm) are only possible to notice in the already known previously marked, concentrations. We have found one individual on a new place but there were no plants in some previously marked concentrations. Most of plants already finished blooming.

Care:

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

[Microstylis-H5Myr3.kmz](#)

Date of watch: 12.07.2014

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz, Joanna Potocka

Phot.1. General view over central part of mire with concentrations of *Microstylis*, marked by white cards. 12.07.2014



Phot.2. One finishing blooming individual on previously marked place. 12.07.2014

