

Microstylis - 2015

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



Map. *Microstylis* Blankvann 2015.

< 10 specimens (white)

11 – 50 specimens (yellow)

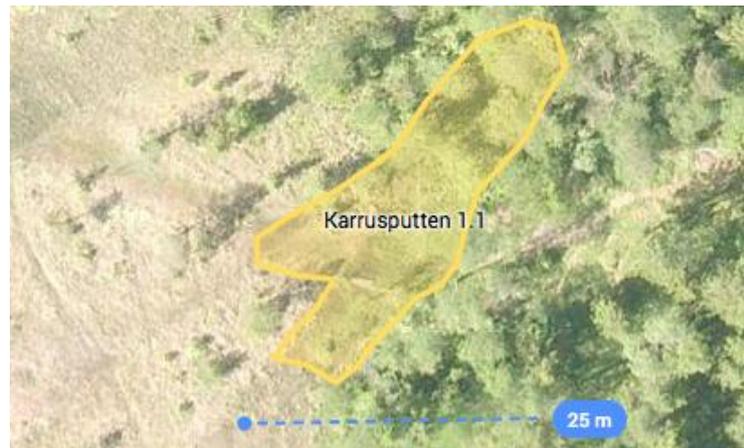
51 – 100 specimens (red)

> 100 specimens (violet)

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. In this year 9 individuals of *Microstylis* were found again on stand no. 1.3!

Location: 1.1 Karrusputten, (Eastern part of a mire close to ski trail.)



Individuals: 48 (26 blooming + 22 vegetative)

Area: ca. 10 x 40 m (0.032 ha)

Environment (habitat): Eastern 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 and spread 20 m to the North and South from ski trail. With other species: *Comarum palustre*, *Filipendula ulmaria*, *Potentilla erecta*, *Triphorum alpinum*, *Eriophorum latifolium*, *Dactylorhiza incarnata*, *D. traunsteineri*, *Drosera rotundifolia*, *D. anglica*

Condition: Blooming period was later than last year, at 10.07 plants were in full blossom. There were no individuals found in the middle of mire along ski trail but instead 3 new concentrations were found 20 m North from ski trail into direction to Blankvann. But as usually most plants were found in already known from last year concentrations. 13 concentrations were noticed this year. Blooming individuals are 5 – 20(25) cm high.

Care:

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

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

Date of watch: 1.07; 10.07; 11.07.2015

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz,

Photo 1. Main part of location 1.1 on a ski trail. 11.07.2015.



Photo 2. Newly found concentration (mark by white paper) on location 1.1. 10.07.2015.



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



Individuals: 49 (15 blooming + 34 vegetative)

Area: ca. 8 x20 m (0.014 ha)

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: Most of individuals were found in already known, from last years, concentrations. This year 10 concentrations were noticed. Blooming period was later than last year and there were much more vegetative individuals found. Blooming individuals are 5 – 15(25) cm high. Vegetative leaves 3 mm – 2 cm in diameter.

Care:

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

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

Date of watch: 1.07;10.07.2015

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz,

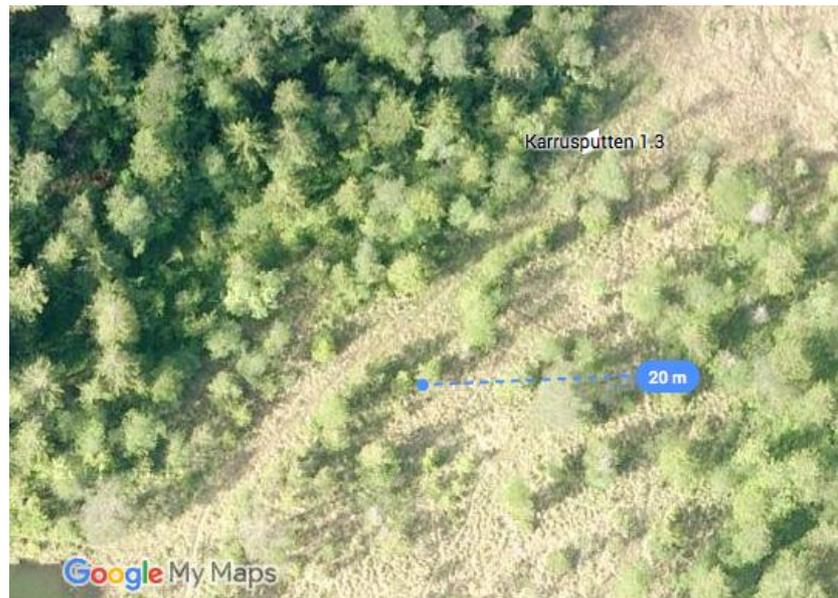
Photo 1. Location 1.2. 10.07.2015



Photo 2. One blooming individual and 7 vegetative *Microstylis* leaves. 10.07.2015.



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



Individuals: 9 (2 blooming + 7 vegetative)

Area: 3 m²

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

Condition: Site is along a footpath – ca. 20 - 50 cm West from footpath axis. Plants are growing in 3 concentrations with 1 m distance between them. Blooming individuals are 10 – 12 cm high.

Care:

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

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

Date of watch: 1.07, 10.07, 11.07 2015

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Location 1.3 with 3 marked *Microstylis* concentrations. 11.07.2015



Photo 2. 4 vegetative *Microstylis* leaves. 10.07.2015



Photo 3. Blooming individual on location 1.3. 11.07.2015



Location: 2. Holbekken,



Individuals: 33 (9 blooming + 24 vegetative)

Area: ca. 10 x 60 m (0.083 ha)

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: It was a beginning of blooming at the time of observation – later than normal. The distribution of *Microstylis* plants is similar like last year – 3 blooming individuals were found in central part of mire close to footpath and the rest in lowest part of mire. There were (again!) more individuals (mainly vegetative ones) than last year. One concentration on the area 10 x 10 cm consisted of 4 blooming and 17 vegetative individuals! Blooming plants are small 5 -10 (20) cm. Vegetative leaves are 2 x 3 mm to 1 x 2 cm.

Care:

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

[Microstylis-Holbekken2.kmz](#)

Date of watch: 11.07.2015

Owner:

Photos: R. Gramsz

Observer: Roman Gramsz

Photo 1. Central part of mire with 2 marked *Microstylis* concentrations. 11.07.2015.



Photo 2. Concentration with 4 blooming and 17! vegetative *Microstylis* individuals. 11.07.2015.



Location: 3. "H₅ Myr"



Individuals: 18 (10 blooming + 8 vegetative)

Area: ca. 10 x 30m (0.015 ha)

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 (again!) fewer plants were found than last year. Plants are very difficult to find - blooming individuals are rather small 5(or even 3 cm) – 15 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. It was a full blooming at a time of observation – later than normal.

Care:

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

[Microstylis-H5Myr3.kmz](#)

Date of watch 5.07, 9.07.2015

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Location "H5 Myr" with marked *Microstylis* concentrations. 9.07.2015.



Photo 2. Blooming individuals are usually small on this mire. 9.07.2015.

