

Microstylis – 2018

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)

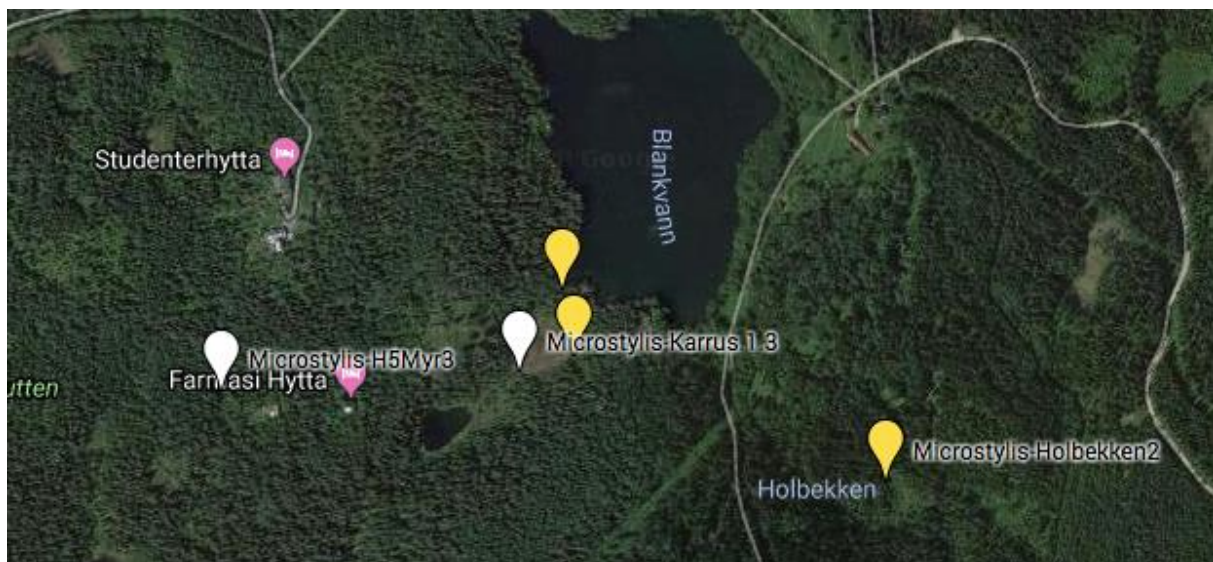
(Critically endangered)

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 (Karrusputten, Holbekken, H5-Myr)



Map. Microstylis Blankvann 2018.

< 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 years 2010, 2011, 2012, 2013 and 2014 we did not found any individuals on stand no. 1.3. From year 2015 again few individuals each year could be found on that location. Very hot and dry weather from middle of May accelerates flowering so, in the end of June the plants were fully flowering.

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



Individuals: 30 (17 blooming + 13 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 East and South West from ski trail. It was relatively dry this year – there was not standing water in small concavities on mire. 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 very early this year. At 30.06 plants were in full blooming. Their distribution on this site was similar like last year but no plants were found on distant location on ski trail. As usually most plants were found in already known from last year concentrations. Most of blooming plants were small 3 -5 cm and only few quite big (20 cm).

GPS-coordinates: [60° 1'24.49"N 10°39'53.37"E](#)

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

Date of watch: 13.06; 30.06.2018

Photos: Roman Gramsz **Observer:** Roman Gramsz



Photo 1. Concentration of few biggest, blooming individuals. 30.06.2018.



Photo 2. The main part of location 1.1. with places of *Microstylis* occurrence marked with white cards. 30.06.2018.

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



Individuals: 15 (8 blooming + 7 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: Blooming period starts very early this year. I could find only 6 concentrations with much less individuals. *Microstylis* plants were small (up to 15 cm) and all of them under cover of *Menyanthes trifoliata* leaves.

Care: It would be nice to get a bit more light on this surface by cutting the bushes in the close surroundings.

GPS-coordinates: [60° 1'27.12"N 10°39'52.40"E](#)

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

Date of watch: 13.06; 30.06.2018

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

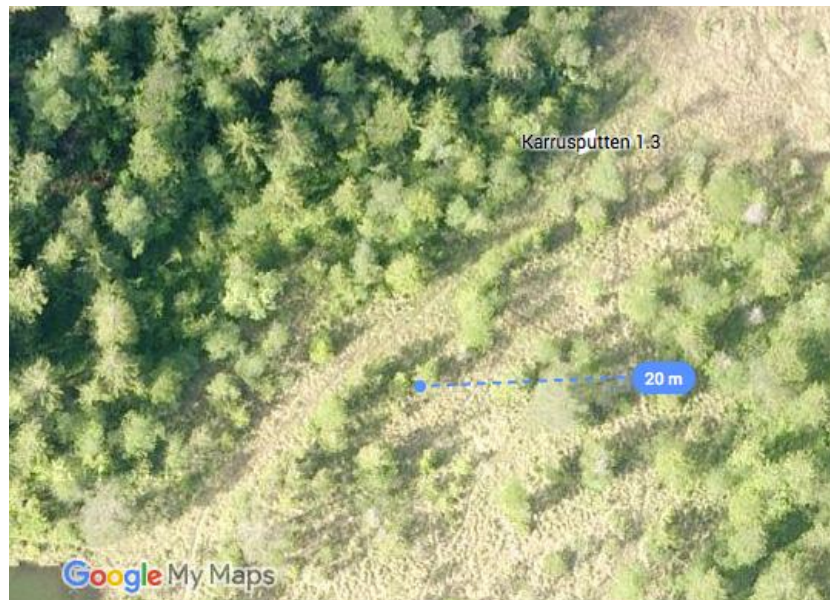


Photo 1. Only 6 concentrations of *Microstylis* this year. 30.06.2018.



Photo 2. Blooming individuals were not bigger than 15 cm. 30.06.2018.

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



Individuals: 3 (1 blooming + 2 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 2 concentrations. Less plants than last year.

Care:

GPS-coordinates: [60° 12'33.81\"N 10°39'48.95\"E](https://www.google.com/maps/place/60°12'33.81\)

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

Date of watch: 13; 30.06.2018

Photos: Roman Gramsz

Observer: Roman Gramsz



Photo 1. Location 1.3 with 2 marked *Microstylis* concentrations. 30.06.2018.



Photo 2. Blooming individual not bigger than 5 cm. 30.06.2018.

Location: 2. Holbekken,



Individuals: 11 (2 blooming + 9 vegetative)

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

Environment (habitat): The 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's drier on the mire than usually and *Microstylis* is blooming earlier. The distribution of *Microstylis* plants is similar like last year – only 1 vegetative individual was found in central part of mire and the rest in lowest part of mire. Blooming plants are 15 and 10 cm high.

Care:

GPS-coordinates: [60° 1'19.50"N 10°40'18.00"E](https://www.google.com/maps/place/60°1'19.50\)

[Microstylis-Holbekken2.kmz](#)

Date of watch: 4.07.2018.

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

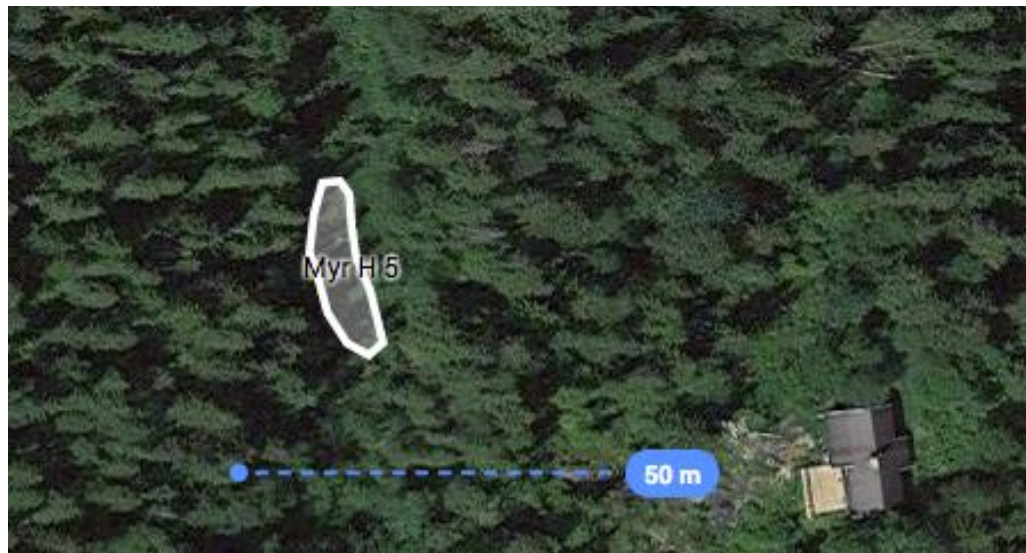


Photo 1. Central part of mire with only 1 marked *Microstylis* individual. 4.07.2018.



Photo 2. Concentration in lower part of mire with 1 blooming and 4 vegetative *Microstylis* individuals. 4.07.2018.

Location: 3. "H₅ Myr"



Individuals: 8(5 blooming + 3 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: Surface of mire is drier than usually and less plants were found this year. Plants were in full blooming and some of blooming plants were very big - up to 27 cm.

Care:

GPS-coordinates: [60°1'23.10"N 10°39'25.40"E](#)

[Microstylis-H5Myr3.kmz](#)

Date of watch: 29.06.2018.

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz



Photo 1. Location "H5 Myr" with marked *Microstylis* concentrations. 29.06.2018.



Photo 2. Quite big blooming specimen - very unusual on this mire. 29.06.2018.