

Microstylis – 2016

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 Røddlistestatus (redlist status)

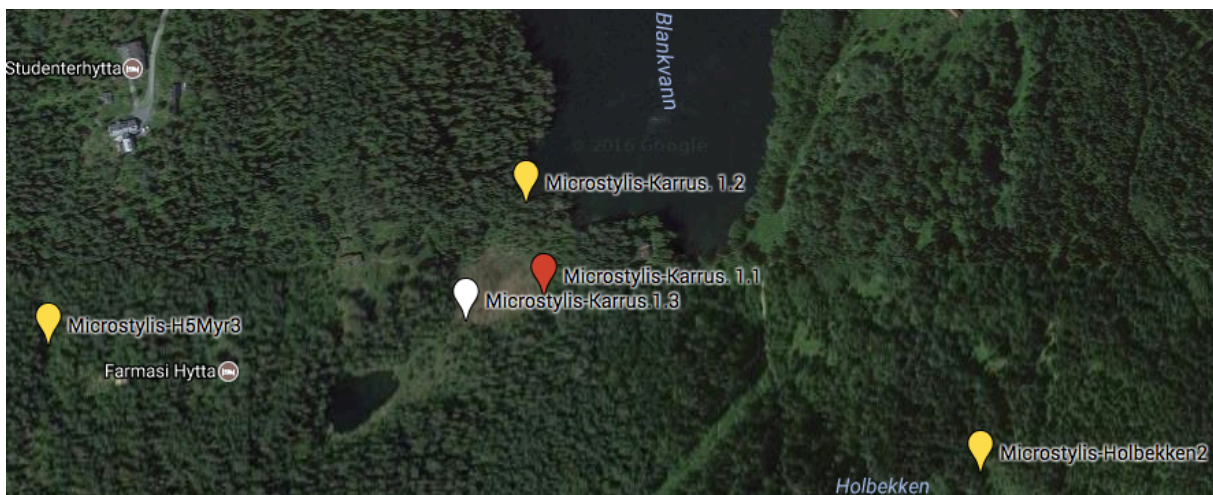
(Critically endangered)

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)

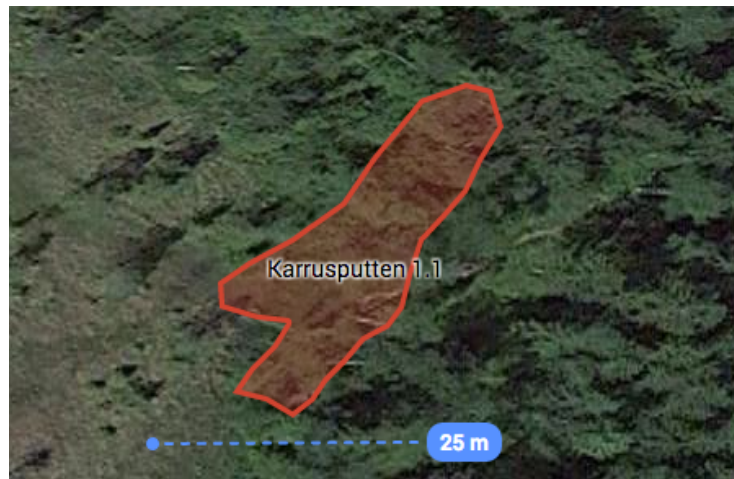
51 – 100 specimens (red)

> 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 years 2010, 2011, 2012, 2013 and 2014 we did not found any individuals on stand no. 1.3. In last (2015) year 9 individuals of *Microstylis* were found again on stand no. 1.3 and 8 this year.

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



Individuals: 52 (28 blooming + 24 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. 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 quite early this year, at 30.06 plants were already in full blossom. Their distribution on this site was similar like last year but it was very interesting to find as many as 11 blooming and 5 vegetative individuals on one concentration 1 x 1m in the beginning of ski trail (photo 2). As usually most plants were found in already known from last year concentrations. 15 concentrations were noticed this year. Blooming individuals are 5 – 15(20) cm high, smaller than last year.

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

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

Date of watch: 30.06; 3.07; 8.07.2015

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Main part of location 1.1 on a ski trail. 3.07.2016.



Photo 2. Concentration (ca. 1m²) with 11 blooming and 5 vegetative individuals on central part of location 1.1. 3.07.2016.



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



Individuals: 37(23blooming + 14vegetative)

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 was earlier than last year. At 30.06 plants were in full blooming. There were fewer individuals but more blooming than vegetative individuals comparing with last year. Blooming individuals are 5 – 15(20) cm high. Vegetative leaves 3 mm – 2 cm in diameter. Most of individuals were found in already known, from last years, concentrations. This year again 10 concentrations were noticed.

Care:

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

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

Date of watch: 30.06; 8.07.2016

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

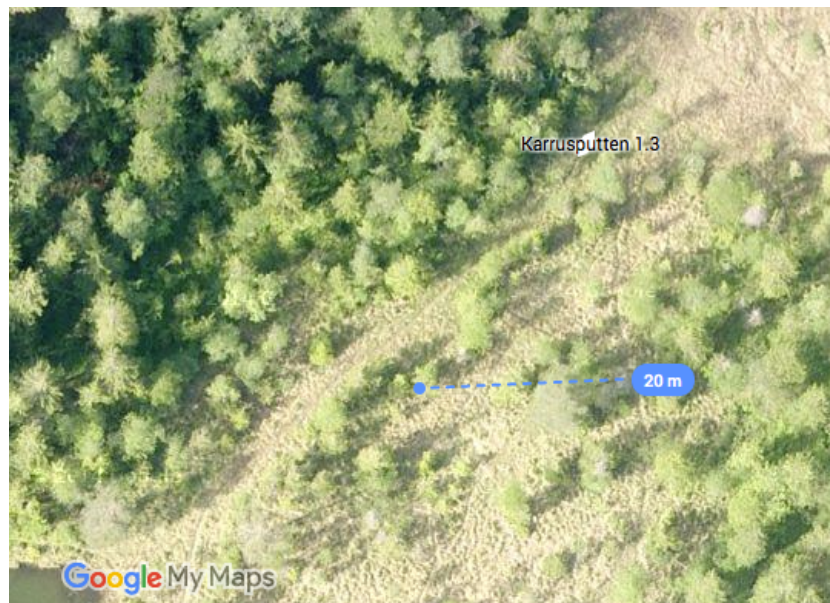
Photo 1. Location 1.2 with marked concentrations. 30.06.2016.



Photo 2. 4 blooming individuals and 1 vegetative *Microstylis* leaf in this concentration. 30.06.2016.



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



Individuals: 8 (5 blooming + 3 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. There is more blooming plants and they are already in full blooming but smaller than last year. The order as in photograph (front – back) No. 1.

1st – (1 blooming, 5cm + 1 vegetative);
2nd – (3 blooming, 5-10cm + 2 vegetative);
3rd – (1 blooming, 8cm).

Care:

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

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

Date of watch: 30.06; 8.07.2016

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Location 1.3 with 3 marked *Microstylis* concentrations. 30.06.2016



Photo 2. 3 blooming and 2 vegetative *Microstylis* plants on 2nd concentration. 30.06.2016.



Location: 2. Holbekken,



Individuals: 20 (4 blooming + 16 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: Plants were in full blooming at the date of observation but there were much fewer of them. The distribution of *Microstylis* plants is similar like last year – only 1 blooming individual was found in central part of mire and the rest in lowest part of mire. Blooming plants are small 5 -15 cm. Vegetative leaves are 0.5 x 1cm to 1.5 x 2.5 cm. This location was trampled by people this year (?).

Care:

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

[Microstylis-Holbekken2.kmz](#)

Date of watch: 4.07.2016

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Central part of mire with only 1 marked *Microstylis* concentration. 4.07.2016.



Photo 2. Concentration in lower part of mire with 1 blooming and 12 vegetative *Microstylis* individuals. 4.07.2015.



Location: 3. "H₅ Myr"



Individuals: 17 (7 blooming + 10 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 oxycoccus*

Condition: Almost the same number of individuals as last year but fewer blooming plants. However, flowering specimens were in this year relatively large – to 25cm. It was close to the end of blooming and most of specimens were notice in already known, previously marked concentrations (13 concentrations this year)

Care:

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

[Microstylis-H5Myr3.kmz](#)

Date of watch: 8.07.2016

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

Photo 1. Location "H₅ Myr" with some marked *Microstylis* concentrations. 8.07.2016.



Photo 2. Quite big blooming specimen - very unusual on this mire. 8.07.2016.

