

Microstylis – 2017

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 satus)

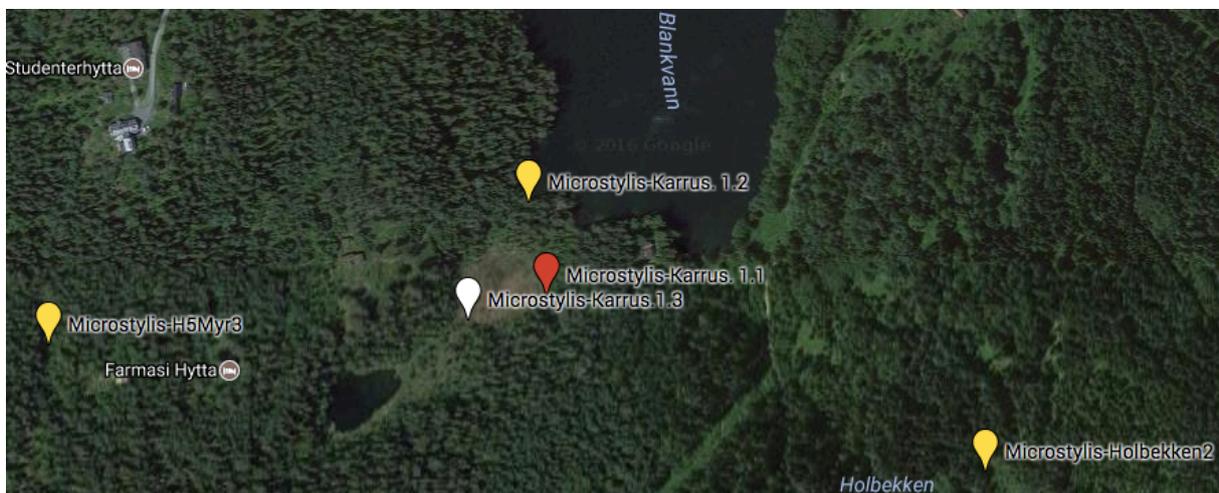
(Critically endangered)

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 2017.

< 10 specimens (white)

11 – 50 specimens (yellow)

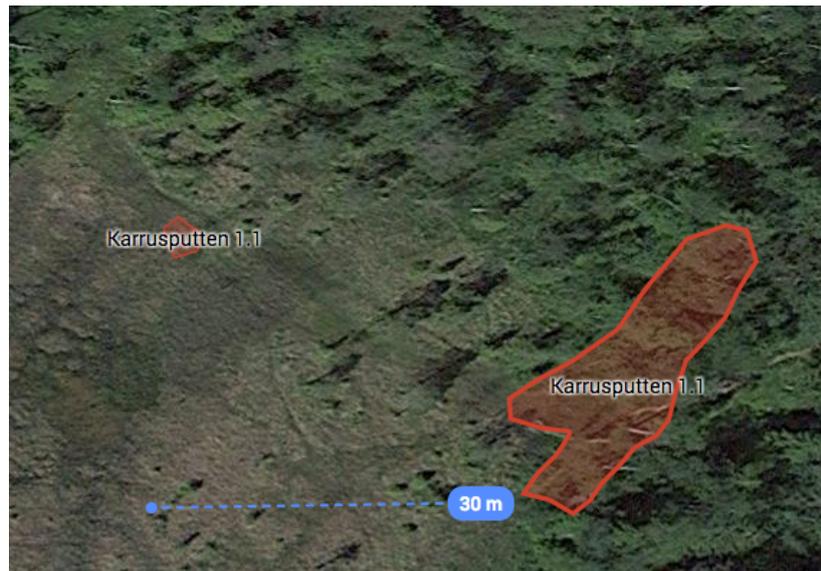
51 – 100 specimens (red)

> 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.

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



Individuals: 56 (25 blooming + 31 vegetative)

Area: ca. 10 x 40 m (0.032 ha) + 3 x 3 m (0.001 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 late this year. At 30.06 plants were not blooming and at 5.07 only some plants were just started blossoming. They were in full blooming at 12.07. Their distribution on this site was similar like last year but again a distant location on ski trail was found. As usually most plants were found in already known from last year concentrations. The average size was 10 – 15 cm.

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

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

Date of watch: 30.06; 5, 12, 13.07.2017

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



Photo 1. Two not blooming yet individuals. 5.07.2017.



Photo 2. Distant location on a ski trail. 12.07.2017.

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



Individuals: 23 (13 blooming + 10 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 was quite late this year. I could find only 8 concentrations with much less individuals. Some of my sticks marking *Micostylis* concentrations disappear (?) – mild winter without snow- location is on ski trail (?).

Care:

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

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

Date of watch: 30.06; 5,12.07.2017

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz

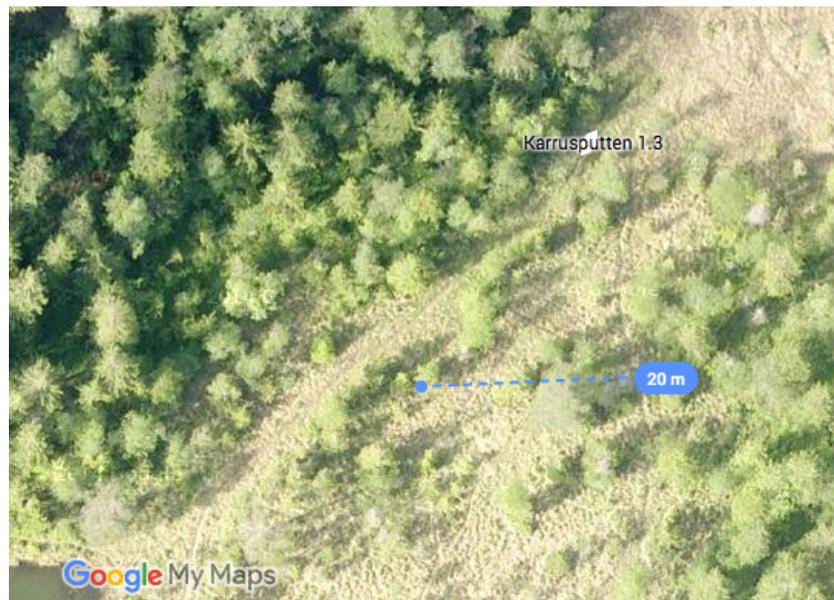


Photo 1. 8 concentrations of *Microstylis* this year. 12.07.2017.



Photo 2. 1 blooming individual on wet, central part of location 1.2. 12.07.2017.

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



Individuals: 4 (1 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. Less plants than last year. The order as in photograph No.1. (front – back)

1st – (1 vegetative);

2nd – (1 blooming + 1 vegetative)

3rd – (1 vegetative)

Care:

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

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

Date of watch: 30.06; 12.07.2017

Photos: Roman Gramsz

Observer: Roman Gramsz



Photo 1. Location 1.3 with 3 marked *Microstylis* concentrations. 12.07.2017.

Location: 2. Holbekken,



Individuals: 15 (4 blooming + 11 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: 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 -10 cm.

Care:

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

[Microstylis-Holbekken2.kmz](#)

Date of watch: 13.07.2017

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz



Photo 1. Central part of mire with only 1 marked *Microstylis* individual. 13.07.2017.



Photo 2. Concentration in lower part of mire with 1 blooming and 10 vegetative *Microstylis* individuals. 13.07.2017.

Location: 3. "H₅ Myr"



Individuals: 16 (11 blooming + 5 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: Only 9 concentrations were found this year. Plants were in full blooming and some of blooming plants were very big - up to 30 cm.

Care:

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

[Microstylis-H5Myr3.kmz](#)

Date of watch: 13.07.2017

Owner:

Photos: Roman Gramsz

Observer: Roman Gramsz



Photo 1. Location "H₅ Myr" with marked *Microstylis* concentrations. 13.07.2017.



Photo 2. Quite big blooming specimen - very unusual on this mire. 13.07.2017.