

2. Bakgrunn (data)

2.1. Latinsk navn (Latin name)

Microstylis monophyllos (L.) Lindley

2.2 Rødlistestatus (redlist status)

(Critically endangered)

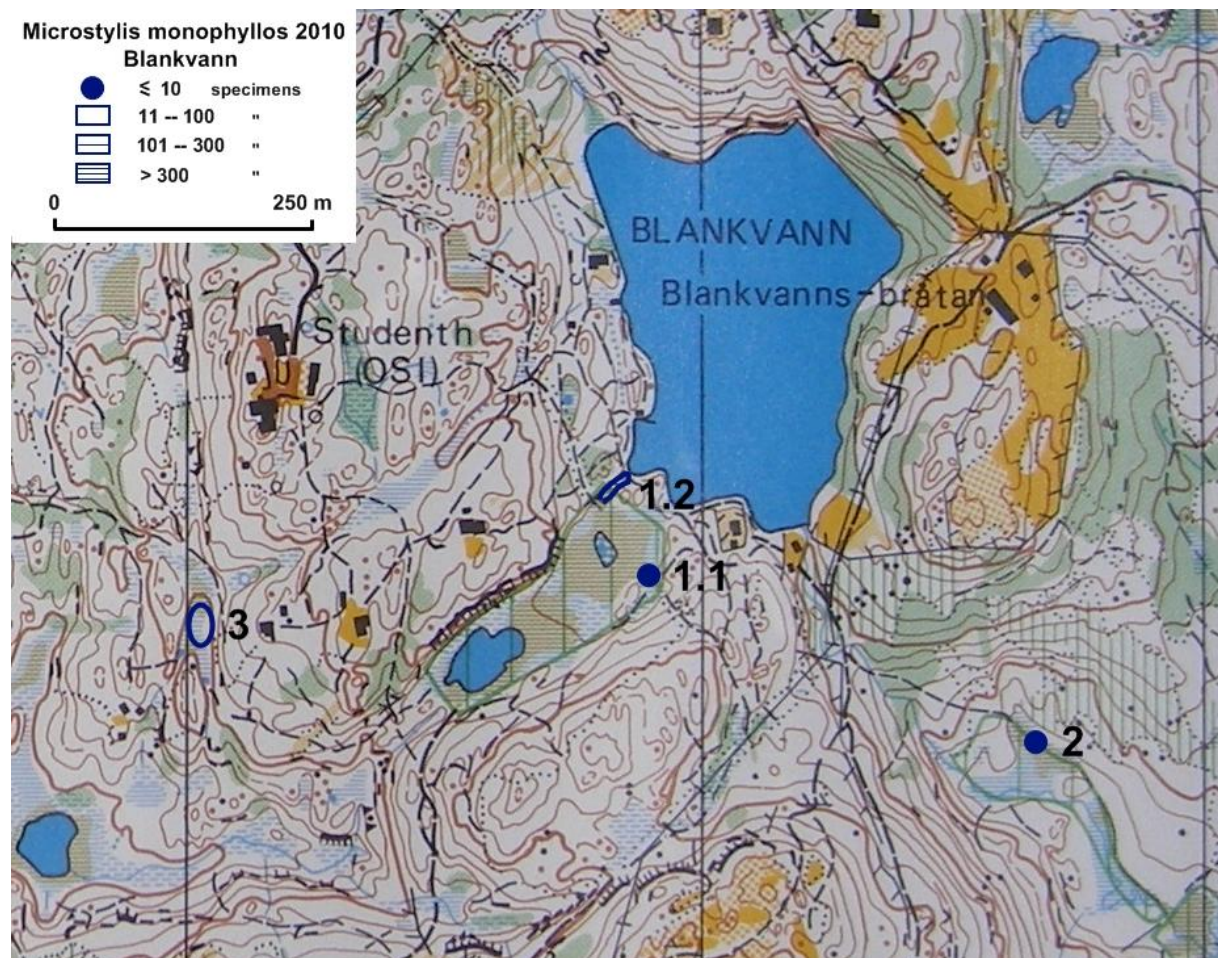
2.3 Utbredelse (spreading/place)

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?



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 100m apart from each other so, they were described separately. In a year 2010 stands no 1.1 and 1.2 were confirmed but we did not find any individuals on stand no 1.3.

Location: 1.1 Karrusputten, (East side of a mire, the same stand as in 2008)

Individuals: 9

Area: ca 50 m²

Environment (habitat): Eastern edge of a mire, rich fen with dominant *Carex lasiocarpa* and *Menyanthes trifoliata*. Site is on a ski trail, sometimes used in summer as a foot path. With other species: *Comarum palustre*, *Filipendula ulmaria*, *Potentilla erecta*, *Triphorum alpinum*, *Eriophorum latifolium*, *Dactylorhiza incarnata*, *D. traunsteineri*, *Drosera rotundifolia*, *D. anglica*

Condition: 9 individuals have been found, most of them on the same places as last year. Only flowering plants were found but they were smaller than last year – from 5 – 15cm.

Care:

GPS-koordinates: Map datum (Kartdatum): WGS 84; Position format (Posisjonsformat): UTM UPS) - **0592795; 6655204** (Eastern side of a mire on a ski trail)

Date of watch: 20.06.; 2.07.; 18.07.2010

Owner:

Photos: No 3351, 3352, 3353, 3473 (R. Gramsz)

Observer: Roman Gramsz, Joanna Potocka,

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

Individuals: 14 flowering + 7 vegetative

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: 14 flowering individuals with size from 5 – 10cm, smaller than last year. For the first time we notice on this site vegetative form of *Microstylis*.

Care:

GPS-koordinates: Map datum (Kartdatum): WGS 84; Position format (Posisjonsformat): UTM UPS) - **0592768; 6655275** (Northern side of a mire on a ski trail, 5m from Blankvann)

Date of watch: 2.07.; 18.07.2010

Owner:

Photos: 3469, 3470, 3471 (R. Gramsz)

Observer: Roman Gramsz, Joanna Potocka

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 foot path. With other species: *Molinia caerulea*, *Filipendula ulmaria*, *Potentilla erecta*, *Carex rostrata*, *Eriophorum latifolium*, *Dactylorhiza incarnata*, *D. traunsteineri*, *Drosera rotundifolia*, *Polygonum viviparum*...

Condition:

Care:

GPS-koordinates: Map datum (Kartdatum): WGS 84; Position format (Posisjonsformat): UTM UPS) - **0592713; 6655172** (Central part of a mire along a small foot path to Karrusputten)

Date of watch: 20.06.; 2.07.; 18.07.2010

Owner:

Photos:

Observer: Roman Gramsz, Joanna Potocka

Location: 2. Holbekken,

Individuals: 3

Area: ca 100 m²

Environment (habitat): A mire, rich fen (H₄ on vegetation map) on a left side of Holbekken, on a ski trail. Site is along a foot path. With dominant *Menyanthes trifoliata* and *Eriophorum latifolium* and another species: *Carex flava*, *Carex rostrata*, *Crepis paludosa*, *Equisetum sylvaticum* *Pedicularis palustris*, *Pinguicula vulgaris*, *Polygonum viviparum*, *Potentilla erecta*, *Trichophorum caespitosum*, *Salix sp.* ...

Condition: Only 2 flowering individuals were found in quite wet part of a mire, close to foot path and 1 more in lowest part – where small stream flow out of mire.(photo no 3357).

Care:

GPS-koordinates: Map datum (Kartdatum): WGS 84; Position format (Posisjonsformat): UTM UPS) – 0593174/ 6655049

Date of watch: 17.07.2010

Owner:

Photos: 3555,3556, 3557 (R. Gramsz)

Observer: Roman Gramsz, Joanna Potocka

Location: 3. "H₅ Myr"

Individuals: 30 flowering + 8 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: The most abundant location of *Microstylis*. Plants are numerous at relatively small area but they are rather small 5(or even 3 cm) – 10 cm individuals with flowers. We have found also 8 vegetative individuals (one small, single leaf without flower).

Care:

GPS-koordinates: Map datum (Kartdatum): WGS 84; Position format (Posisjonsformat): UTM UPS) – 0592362/ 6655152

Date of watch: 4.07.; 16.07.2010

Owner:

Photos: 3489, 3497, 3498, 3499, 3500 (R. Gramsz)

Observer: Roman Gramsz, Joanna Potocka

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We were looking for *Microstylis monophyllos* also in other mires and we did **not find it!**

The following mires were examined:

- Most of mires inside a circle: Finnerud – Kobberhaughytta – Blankvannsbratan – Slakteren – Svartor.
- Both ” Aurtjernet” surroundings
- Mires along road from Finnerud – Øyvannet – to end of road, west from Vestre Fyllingen, and mires: Stormyra and Smedmyra.
- all mires markt as H₄ and H₅ from ”Vegetasjonskart over Oslo”- Tryvann.(most promising were mires in N slop of Pinslehogda).
- Mires in Mollomkollen area - we just start with few objects... (quite promising)