

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 3 stands with *Microstylis* has been found. The stands are situated in the same mire but about 100m apart from each other so, they will be describe separately.

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

Individuals: 10

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: 10 individuals have been gradually founded during 5 visits in that place. Their size is from 5 – 25cm. All plants were flowering.

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: 14.06.; 27.06.; 2.07.; 10.07.; 13.07.2009

Owner:

Photos: 2703; 2769; 2801; 2844 – 2849; (R. Gramsz)

Observer: Arild Andresen, Roman Gramsz, Lars Ove Hansen, Tor Øystein Olsen, Joanna Potocka, Torbjørn Røberg..

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

Individuals: 12

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: 12 individuals with size from 5 – 20cm. All of them were flowering.

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: 13.07.2009

Owner:

Photos: 2858 - 2862 (R. Gramsz)

Observer: Roman Gramsz, Joanna Potocka

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

Individuals: 4

Area: ca 10 m²

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: 4 individuals in that place. Their size is from 10 – 15cm. All plants were flowering.

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: 13.07.2009

Owner:

Photos: 2863; 2864 (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:

- **Lokalitet 2.** Holbekken, Oslo. Together with Aurtjernet surroundings
- **Lokalitet 3.** Lusetjern, Oslo. Together with whole mires complex betwene Karrusputten and Setertjernet surroundings.
- Mires surrounded Motjernet (Finnerud)
- Mires (Lautås ?) South from Glåmene on the East side of a road Finnerud to Kikutstua