

## Pyrola – 2016



### 2.1. Latinsk navn (Latin name)

*Pyrola media* Sw

Leave rosette (with or without flower) was treated as individual.

### 2.2 Rødlistestatus (red list status)

Not in red list

### 2.3 Utbredelse (spreading/place)

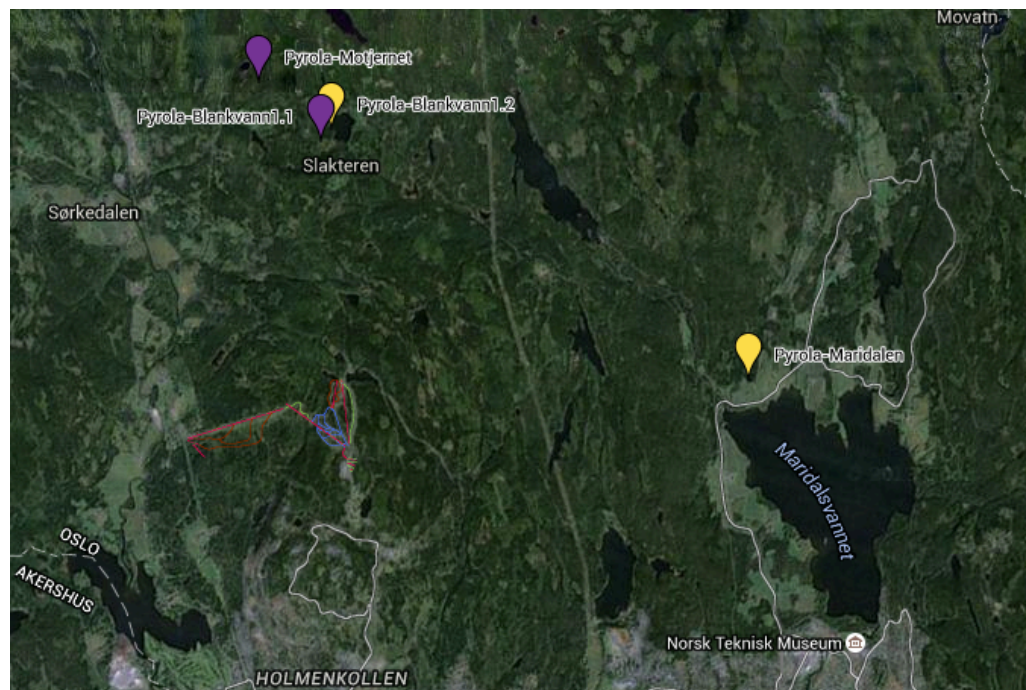
Northern and central Europe, extending southwards locally, and mainly in the mountains, to N. Italy, Macedonia, Krym, and S.Ural.

### 2.4 Lokalteter i Norge (locations in Norway)

#### 2.4.1. Lokalteter i Oslo (locations in Oslo)

4 locations: [Pyrola-Maridalen](#) , [Pyrola-Blankvann1.1](#) + [Pyrola- Blankvann1.2](#) and [Pyrola-Motjernet](#)

## Map. Pyrola 2016.



< 10 specimens (white)

11 – 100 specimens (yellow)

101 – 300 specimens (red)

> 300 specimens (violet)

**Location: Maridalen.**



**Individuals:** 10 (only vegetative individuals)

**Area:** 5 x 10 m. (0.012 ha)

**Environment (habitat):** Open area with SE exposure. Pasture or extensive kept meadow close to edge of spruce forest. This location in fact is no longer on the edge of spruce forest after cutting down some big spruces during some last years.

**Condition:** Like two last years no flowering plants have been found. It is not possible to see any vegetative rosette without spreading out dense vegetation. After looking out very carefully on the area 2 x 2m 10 vegetative rosettes have been found.

**Care:**

**GPS-coordinates:** 59°59'47.92"N 10°45'33.00"E

[Pyrola-Maridalen](#)

**Date of watch:** 10.07.2016

**Owner:**

**Photos:** R. Gramsz

**Observer:** R. Gramsz



Photo 1. This *Pyrola* location is too much overgrown by toll grass. 10.07.2016.



Photo 2. A few vegetative rosettes could be found after spreading out dense vegetation. 10.07.2016.

## Nordmarka. Blankvann.



**Location:** Nordmarka. Blankvann 1.1 (top of a hill)

**Individuals:** ca. 1750 (140 flowering specimens)

**Area:** 80 x 130m (0.442 ha)

**Environment (habitat):** Open surroundings of a cabin on the hill top. Mostly grassland on a shallow and rocky but fertile soil. With other species: *Anemone nemorosa*, *Briza media*, *Calamagrostis arundinacea*, *Convallaria majalis*, *Dryopteris filix-mas*, *Epipactis atrorubens* cfr., *Fragaria vesca*, *Galium boreale*, *Gymnadenia conopsea*, *Hepatica nobilis*, *Hieracium* sect. *hieracium*, *Juniperus communis*, *Listera ovata*, *Orthilia secunda*, *Pinus sylvestris*, *Polygala vulgaris*, *Potentilla erecta*, *Pyrola chlorantha*, *P. minor*, *P. rotundifolia*, *Rubus* sp., *Solidago virgaurea*, *Sorbus aucuparia*, *Vaccinium myrtillus*, *Vaccinium vitis-idaea*, *Viola* sp.

**Condition:** *Pyrola media* is growing in (about 10) concentrations, with a few to dozen or so flowering plants in each concentration. Plants were large and splendid – it is quite interesting observation as most of other species observed in this year were smaller and less impressive - for example *Pyrola chlorantha* which is growing in the same area. Photo 3. Plants were in full blooming period at a time of observation (3.07.2016) in this year.

Proportion between flowering rosettes and vegetative were counted in concentration on the top of a hill, close to flag mast: 26/325. So, to estimate number of all individuals I use proportion 1:12.5. In the rest of concentrations I was counting only flowering individuals. There were 140 flowering individuals on whole location.

**GPS-coordinates:** 60° 1'24.87"N 10°39'44.16"E

[Pyrola-Blankvann1.1](#)

**Date of watch:** 3.07, 8.07.2016

**Owner:**

**Photos:** R. Gramsz

**Observer:** R. Gramsz



Photo 1. Location Blankvann 1.1. *Pyrola media* concentration on the top of a hill. 3.07.2016.



Photo 2. Very large and splendid *Pyrola media* plants in full blooming. 3.07.2016.



Phot.3. Only 1 concentration with *Pyrola chlorantha* has been found this year and plants are smaller than last year. Visible last year dry shoots. 3.07.2016.

**Location:** Nordmarka. Blankvann 1.2 (close to lake)

**Individuals:** 55 (4 flowering specimens)

**Area:** 6 m x 12 m (0.017 ha)

**Environment (habitat):** *Pyrola media* grows on shady slope (slope of 45 degrees, the eastern exposure) under spruce, 15-20 m from the lake shore. Habitat is homogeneous, but rather with a small amount of places to germination. Herb layer vegetation split into two sub-layers, the higher of *Calamagrostis*, and lower of *Pyrola*, *Vaccinium*, etc. *Calamagrostis* species is considered to be expansive, however its coverage area in this stand does not exceed 25%. With other species: *Anemone nemorosa*, *Calamagrostis arundinacea*, *Convallaria majalis*, *Calluna vulgaris*, *Gymnadenia conopsea*, *Hepatica nobilis*, *Hieracium sect. hieracium*, *Linna borealis*, *Melampyrum pratense*, *Potentilla erecta*, *Pteridium aquilinum*, *Rubus sp.*, *Solidago virgaurea*, *Sorbus aucuparia*, *Vaccinium myrtillus*, *Vaccinium vitis-idaea*, *Viola sp.* Trees and bushes: *Betula pubescens*, *Daphne mezereum*, *Juniperus communis*, *Picea abies*, *Pinus sylvestris*, *Sorbus aucuparia*

**Condition:** Only two concentrations of *Pyrola media* have been found this year - in the Eastern slope of small hummock (4 blooming/ 39 vegetative) and close to the path (only 12 vegetative rosettes). It was end of blooming period.

**Care:**

**GPS-coordinates:** 60° 1'29.90"N 10°39'53.00"E [Pyrola-Blankvann1.2](#)

**Date of watch:** 4.07.2016

**Owner:**

**Photos:** R. Gramsz

**Observer:** R. Gramsz



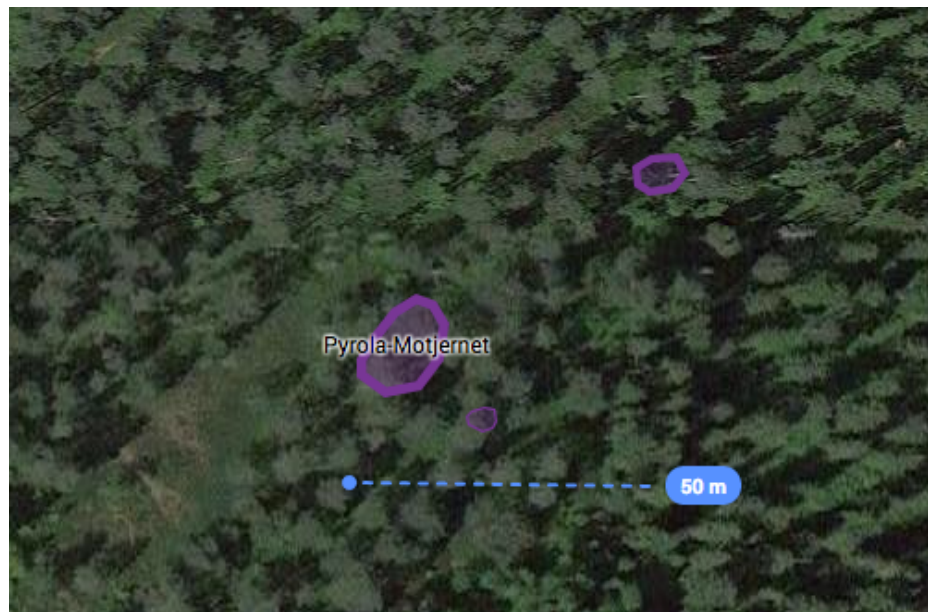


Photo 1. A View over location 1.2 close to Blankvann. 4.07.2016.



Photo 2. Only few blooming plants. 4.07.2016.

**Location:** Nordmarka. Motjernet.



**Individuals:** ca. 1000 (46 flowering specimens)

**Area:** 10 m x 20 (0.017 ha) + 5 x 5 m (0.005 ha) + 2 x 2 m

**Environment (habitat):** *Pyrola media* grows on open pine forest on a flat height between mire and small stream. This habitat creates spread old pines *Pinus sylvestris* (40% coverage) and *Calluna vulgaris* (15%) and *Vaccinium myrtillus* (80%), which dominate in herb layer. Trees and bushes: *Betula pubescens*, *Juniperus communis*, *Picea abies*, *Pinus sylvestris*, *Sorbus aucuparia*. With other species: *Dactylorhiza maculata*, *Empetum nigrum*, *Linnea borealis*, *Melampyrum pratense*, *Potentilla erecta*, *Vaccinium vitis-idaea*, .

**Condition:** *Pyrola media* grows in 2 concentrations (+ 1 very small, close to bigger one). On smaller concentration all blooming and vegetative individuals have been counted – 6 blooming/ 143 vegetative. On bigger site were 40 blooming individuals. It was full blooming period, plants were large and splendid, visible over herb layer.

**Care:**

**GPS-coordinates:** 60°1'49.10"N 10°38'53.80"E

[Pyrola-Motjernet](#)

**Date of watch:** 9.07.2016.

**Owner:**

**Photos:** R. Gramsz

**Observer:** R. Gramsz



Photo 1. Location Motjernet, smaller concentration of *Pyrola media*. On a marked area 6 blooming/ 143 vegetative individuals have been counted. 9.07.2016.



Photo 2. *Pyrola media* in full blooming period, plants were large and splendid. 9.07.2016.