

Pyrola – 2015



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)

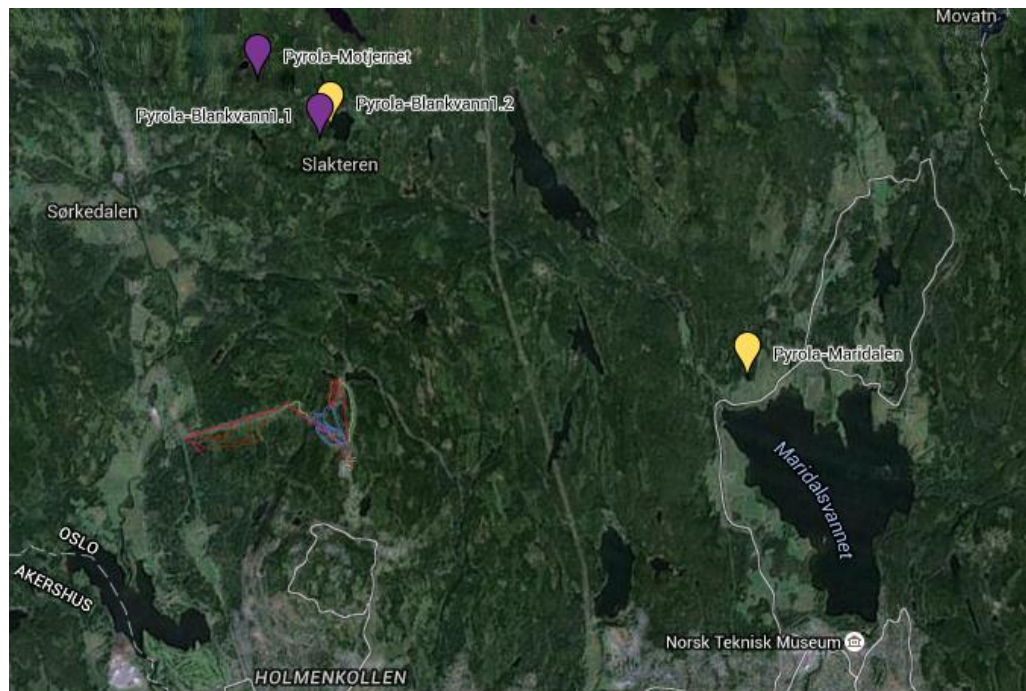
Northern and central Europe, extending southwards locally, and mainly in the mountains, to N. Italy, Macedonia, Krym, and S.Ural.

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 2015.



< 10 specimens (white)

11 – 100 specimens (yellow)

101 – 300 specimens (red)

> 300 specimens (violet)

Location: Maridalen.



Individuals: 80 (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: *Pyrola media* is growing in one concentration. Like last year no flowering plants have been found. Again we put a lot of attention to find vegetative ones in a very tall grass.

Care:

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

[Pyrola-Maridalen](#)

Date of watch: 12.07.2015

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. This *Pyrola* location (behind a pile of branches) is no longer on edge of forest. 12.07.2015.



Photo 2. It is very difficult to find vegetative rosettes in tall grass. 12.07.2015.

Nordmarka. Blankvann.



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

Individuals: ca. 1500 - 2500 (166 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 in full blooming period (13.07.2015) in this year.

Proportion between flowering rosettes and vegetative counted in one big and two small concentrations were 16/360, 8/35, 6/25 – big differences! So, to estimate number of all individuals I use proportion 1:10-15. In the rest of concentrations I was counting only flowering individuals. There were 166 flowering individuals on whole location.

Care:

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

[Pyrola-Blankvann1.1](#)

Date of watch: 1.07, 13.07.2015

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Location Blankvann 1.1. One of *Pyrola media* concentrations on the top of a hill. 13.07.2015.



Photo 2. *Pyrola media* in full blooming. 13.07.2015.



Phot.3. *Pyrola chlorantha* also occurs in that location in 2 concentrations. Is blooming a little earlier than *P. media*. 1.07.2015.

Location: Nordmarka. Blankvann 1.2 (close to lake)

Individuals: 100 (15 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*, *Linnaea 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: *Pyrola media* grows in several clusters mainly in the Eastern slope of small hummock. It was full blooming period and it was not so many vegetative rosettes as last year.

Care:

GPS-coordinates: 60° 1'29.90"N 10°39'53.00"E

[Pyrola-Blankvann1.2](#)

Date of watch: 13.07.2015

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. A View over location 1.2 close to Blankvann. 10.07.2014.



Photo 2. Full blooming at the time of observation. 13.07.2015.

Location: Nordmarka. Motjernet.



Individuals: >600. - 60 flowering specimens (50 + 10)

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

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%) witch 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 two concentrations. On smaller concentration all blooming and vegetative individuals have been counted – 10 blooming/ 116 vegetative. On bigger site were 50 blooming individuals (and in 1 m² of this site - 2 blooming and 24 vegetative).

Care:

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

[Pyrola-Motjernet](#)

Date of watch: 16.07.2015

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Location Motjernet, big concentration of *Pyrola media*. 16.07.2015.



Photo 2. *Pyrola media*, beginning of blooming. 16.07.2015.