

Dracocephalum - 2011

2.1. Latinsk navn (Latin name)

Dracocephalum ruyschiana L.

As **individual** we treat a tuft of shoots growing visibly from one place.

Juvenile individual - if a lot of young plants are spread evenly without creating visible tufts we treat area of 25 cm² as an individual.

Old disintegrating tufts are counted as more than one individual if it covers more than 25 cm².

2.2 Rødlistestatus (redlist status)

Sårbar. (Vulnerable)

2.3 Utbredelse (spreading/place)

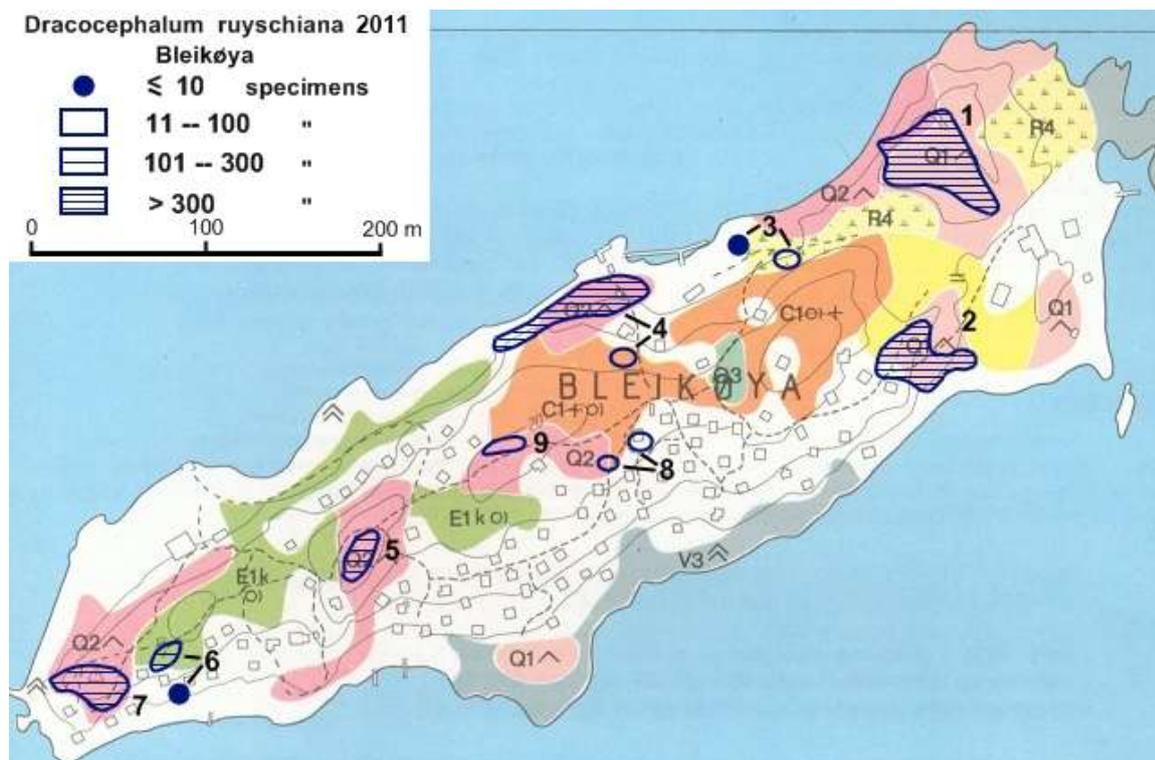
The species is found from the Oslofjord to Gudbrandsdalen. Norway has the main population in north-western Europe. Eastern and Central Europe and western and central Asia, extending locally westwards to Norway and the Pyrenees.

2.4 Lokalteter i Norge (locations in Norway)

2.4.1. Lokalteter i Oslo (locations in Oslo)

Now 18 known.

BLEIKØYA - 2011



Location: Bleikøya 1

Individuals: ca 500

Area: 100 x 60m

Environment (habitat): Open top of a ridge and a slope facing South. Also in western very steep slope a few plants have been found. With other species: *Alchemilla* sp., *Allium vineale*, *Avenula pratensis* cfr., *Berberis vulgaris*, *Centaurea jacea*, *Centaurea scabiosa*, *Cotoneaster* sp., *Festuca rubra* cfr., *Filipendula vulgaris*, *Fragaria vesca*, *Fraxinus excelsior*, *Galium verum*, *Geranium sanguineum*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *Sedum maximum*), *Hypericum perforatum*, *Pimpinella saxifraga*, *Polygonatum odoratum*, *Potentilla argentea*, *Rumex acetosella*, *Sedum album*, *Thymus pulegioides*, *Veronica spicata*.

Condition: This site continue to grow in size and number of plants. The vegetation cover on this area is much denser than in former years. Most likely it is an combine effect of humid spring and smaller influence of bird nesting and rats digging. Another concentration of *Dracocephalum* plants has been found on steep western slope of the ridge. But because single plants were found also between concentrations mentioned last year now this location we regard as one bigger concentration.

Care: The site was mowed by motor scythe two times this year. First, in beginning of July only shoots of ash have been cut and removed. In August all green vegetation have been mowed and after drying removed.

GPS-coordinates: 59°53'26.52"N 10°44'33.99"E

[Dracocephalum-Bleikoya1.kmz](#)

Date of watch: 17.06; 18.06; 26.07.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot. 1. Top and S hill slope. 18.06.2011



Phot.2. The most easterly part of location. 18.06.2011



Phot.3. Top of the hill. 18.06.2011



Phot. 4. Western steep hill slope. 18.06.2011



Location: Bleikøya 2

Individuals: ca 500

Area: 40 x 30 m (potential area 40 x 40 m)

Environment (habitat): Open top of a hill and a slope facing NWN and lower terrace on the E of top. With other species: *Acer platanoides*, *Alchemilla* sp., *Achillea millefolium*, *Allium vineale*, *Anthyllis vulneraria*, *Asplenium trichomanes*, *Avenula pratensis* cfr., *Berberis vulgaris*, *Centaurea jacea*, *Centaurea scabiosa*, *Cirsium vulgare*, *Convallaria majalis*, *Cotoneaster* sp., *Erysimum strictum* cfr., *Festuca ovina*, *Festuca rubra* cfr., *Filipendula ulmaria*, *Filipendula vulgaris*, *Fragaria vesca*, *Fragaria viridis*, *Fraxinus excelsior*, *Galium boreale*, *Galium verum*, *Geranium robertianum*, *Geranium sanguineum*, *Geum urbanum*, *Hepatica nobilis*, *Hieracium pilosella*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *Sedum maximum*), *Hypericum perforatum*, *Leucanthemum vulgare*, *Lonicera xylosteum*, *Origanum vulgare*, *Phydium spurium* (*Sedum spurium*), *Pimpinella saxifraga*, *Pastinaca sativa*, *Plantago media*, *Poa nemoralis*, *Polygonatum odoratum*, *Polypodium vulgare*, *Potentilla argentea*, *Rhamnus cathartica*, *Ribes alpinum* cfr., *Rosa* sp., *Rubus* sp., *Sedum album*, *Sorbus aucuparia*, *Sorbus domestica* cfr., *Syringa vulgaris*, *Thymus pulegioides*, *Trifolium alpestre*, *Verbascum* sp., *Veronica spicata*, *Viola tricolor*, *Viscaria vulgaris*

Condition: Plants are in good condition – 90% blooming. Two separate concentrations of *Dracocephalum* in lower terrace in Eastern part of the site noticed last years grow in number and size, so they are now included to main location.

Care: The site was mowed by motor scythe two times this year. First, in beginning of July only shoots of ash have been cut and removed. In August all green vegetation have been mowed and after drying removed.

GPS-coordinates: 59°53'23.00"N 10°44'33.46"E

[Dracocephalum-Bleikoya2.kmz](#)

Date of watch: 18.06; 26.07.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Top of a ridge – location “2”. 18.06.2011



Phot.2. Place with robust old *Dracocephalum* plants. 18.06.2011



Phot. 3. Counting *Dracocephalum* plants. 18.06.2011



Bleikøya 3

Individuals: 26 (8 + 18)

Area: 6 x 4 m + 3 x 4 m

Environment (habitat): Part of a beach used for boats storage and a new found rocky ledge about 50 m North from already known location "3". With: *Rosa sp.*, *Fragaria vesca*, *Fraxinus excelsior*, *Geranium sanguineum*, *Hylotelephium telephium ssp. maximum* (*Sedum telephium* = *Sedum maximum*), *Thymus pulegioides*, *Polygonatum odoratum* and the others.

Condition: This year more plants has been found on both sides of a footpath on known location (8) and another concentration with 18 plants has been found 50 m apart. Plants are blooming and in good condition.

Care:

GPS-coordinates: 59°53'24.40"N 10°44'26.22"E [Dracocephalum-Bleikoya3.kmz](#)

Under a footpath on the northern side of a place for boat storage in winter and a new concentration 50 m to the North.

Date of watch: 18.06.2011

Owner:

Photos: R.Gramsz

Observer: R. Gramsz, J. Potocka

Phot. 1. Known location “3”. 18.06.2011



Phot.2. Newly found concentration included to location “3”. 18.06.2011



Location: Bleikøya 4

Individuals: ca 540 (515 +25)

Area: 100 (120) x 30m + 5 x 5m

Environment (habitat): The slope facing NW mostly overgrown by high bushes and trees (covering ca 60%). *Dracocephalum* grows rather sparsely both in the open area and under the bushes. Also open area in “winter boat storage place”. Bushes and low trees: *Fraxinus excelsior*, *Cotoneaster* sp., *Rosa* sp., *Juniperus communis*, *Crataegus* sp., *Pinus sylvestris* (several), *Rhamnus cathartica*, *Rosa* sp., *Sorbus aucuparia*, *Syringa vulgaris* (several); herbs: *Anthyllis vulneraria*, *Asplenium trichomanes*, *Avenula pratensis* cfr., *Berberis vulgaris*, *Briza media*, *Carex pallescens*, *Campanula rotundifolia*, *Centaurea jacea*, *Filipendula ulmaria*, *Filipendula vulgaris*, *Fragaria vesca*, *Galium verum*, *Geranium sanguineum*, *Hepatica nobilis*, *Inula salicina*, *Melilotus officinalis* cfr., *Origanum vulgare*, *Phydimus spurium* (*Sedum spurium*), *Pimpinella saxifraga*, *Plantago media*, *Polygonatum odoratum*, *Polypodium vulgare*, *Potentilla argentea*, *Prunella vulgaris*, *Sedum album*, *Solidago virgaurea*, *Thymus pulegioides*, *Veronica spicata*

Condition: Plants are in very good condition, most of them (80%) in flower. Especially abundant plants are in the area where trees and bushes were cleared last year and in open area in “winter boat storage place”.

Care: Only shoots on the same area as last year has been cut twice this year – in beginning of July and the end of August.

GPS-coordinates: 59°53'23.33"N 10°44'20.56"E

[Dracocephalum-Bleikoya4.kmz](#)

Date of watch: 18.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Site close to winter boat storage place. 18.06.2011.



Phot. 2. Separate concentration East from main location "4". 18.06.2011.



Phot.3. Plants on a rocky ledge. Slope facing West. 18.06.2011.



Location: Bleikøya 5

Individuals: ca 140

Area: 10 x 30 m

Environment (habitat): Open ridge and a slope sparsely overgrown by bushes. With other species: *Achillea millefolium*, *Artemisia campestris*, *Berberis vulgaris*, *Centaurea jacea*, *Cotoneaster* sp., *Festuca rubra* cfr., *Fragaria vesca*, *Fragaria viridis*, *Galium verum*, *Geranium sanguineum*, *Geum urbanum*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *S. maximum*), *Origanum vulgare*, *Phydimus spurium* (*Sedum spurium*), *Plantago media*, *Polygonatum odoratum*, *Prunus spinosa*, *Rosa* sp., *Thymus pulegioides*, *Trifolium arvense*, *Trifolium pratense*, *Veronica spicata*

Condition: Plants are in good condition. Some flowers are picked by people but it does not make a significant damage to population.

Care: A light clearing of bushes is continued by local people. They believe that *Cotoneaster* sp.div. bushes should be remove.(?)

This site can be treated as a little “bushy” one. *Dracocephalum* plants are growing quite well here, so let it be a “bushy” site on SE slope on Bleikoya. Another “bushy” site is no 4 but on NW slope. That treatment gives a better diversity of habitats in all locations on Bleikoya.

GPS-coordinates: 59°53'18.52"N 10°44'12.15"E [Dracocephalum-Bleikoya5.kmz](#)

Top of the hill with the war monument and S and SE slope

Date of watch: 16.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot. 1. Top of a hill with war monument. 16.06.2011



Phot.2. SE facing slope on location "5". 16.06.2011



Bleikøya 6 A**Individuals:** Ca 290**Area:** 5 x 15 m

Environment (habitat): On the open slope facing South , on shallow stony soil. With other species: *Allium vineale*, *Anthyllis vulneraria*, *Artemisia campestris*, *Avenula pratensis* cfr., *Centaurea jacea*, *Cotoneaster* sp., *Festuca ovina*, *Filipendula vulgaris*, *Fragaria viridis*, *Galium verum*, *Geranium sanguineum*, *Hepatica nobilis*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *Sedum maximum*), *Hypericum perforatum*, *Hypochoeris maculata* cfr., *Jovibarba sobolifera*, *Origanum vulgare*, *Pimpinella saxifraga*, *Polygonatum odoratum*, *Potentilla argentea*, *Sedum album*, *Solidago virgaurea*, *Syringa vulgaris*, *Thymus pulegioides*, *Trifolium arvense*, *Veronica spicata*, *Viscaria vulgaris*

Condition: Plants are in very good condition, most of them (90%) in flower. But in this exposure blooming was almost finished at a date of observation..

Care: Cutting of lilac shouts has been done twice this year (beginning of July and end of August). Also some (unnecessary) bush cutting has been made by local people.

GPS-coordinates: 59°53'16.97"N 10°44'5.59"E

[Dracocephalum-Bleikoya6.kmz](#)

Date of watch: 16.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. View over location 6a. 16.06.2011



Phot. 2. Vegetation on location 6a. 16.06.2011



Location: Bleikøya 6 B

Individuals: 6

Area: 1 m²

Environment (habitat): On the edge of the bushes

Condition: Plants are quite big and blooming.

Care:

GPS-coordinates: 0597083/ 6640195

Under the cottage no 88 (blue), towards the sea, ca 30 m S from location 6a.

Date of watch: 16.06.2011

Owner:

Photos:

Observer: R. Gramsz, J. Potocka

Location: Bleikøya 7

Individuals: Ca 145 (about 70 on the main concentration – 5 x 10m)

Area: 30 x 40m

Environment (habitat): On the open ridge and slope facing south , on shallow stony soil. With other species: *Alchemilla sp.*, *Allium vineale*, *Anthyllis vulneraria*, *Artemisia campestris*, *Astragalus gliciphyllos*, *Campanula rotundifolia*, *Cerastium sp.*, *Centaurea jacea*, *Centaurea scabiosa*, *Erysimum strictum cfr.*, *Festuca ovina*, *Filipendula vulgaris*, *Fragaria vesca*, *Fraxinus excelsior*, *Galium verum*, *Geranium sanguineum*, *Hieracium pilosella*, *Inula salicina*, *Origanum vulgare*, *Phydimus spurium (Sedum spurium)*, *Pimpinella saxifraga*, *Plantago media*, *Polygonatum odoratum*, *Rhamnus cathartica*, *Rosa sp.*, *Sedum album*, *Solidago virgaurea*, *Sorbus hybrida*, *Syringa vulgaris*, *Thymus pulegioides*

Condition: Plants are in very good condition, most of them (80%) in flower.

Care: Cutting of lilac shouts has been done twice this year (beginning of July and end of August).

GPS-coordinates: 59°53'16.23"N 10°44'2.88"E [Dracocephalum-Bleikoya7.kmz](#)

Date of watch: 16.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Location “7” with main concentration of *Dracicephalum*. 16.06.2011



Location: Bleikøya 8

Individuals: ca 85 (50 + 35)

Area: 3 x 5 m + 2 x 4 m

Environment (habitat): In a line of bushes aside foot path – 2 places. With other species: *Anthyllis vulneraria*, *Avenula pratensis* cfr., *Berberis vulgaris*, *Cotoneaster* sp., *Festuca ovina*, *Filipendula vulgaris*, *Fragaria vesca*, *Galium verum*, *Geranium sanguineum*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *Sedum maximum*), *Juniperus communis*, *Plantago media*, *Rhamnus cathartica*, *Syringa vulgaris*, *Thymus pulegioides*

Condition: Plants are in good condition, most of them in flower. Few of them has been found also along a path between 2 known places.

Care: Bush cutting has been done by local people in a bigger place.

GPS-coordinates: 59°53'20.62"N 10°44'22.02"E [Dracocephalum-Bleikoya8.kmz](#)

Between houses no. 40 and 42, and the toilet.

Date of watch: 16.06.2011

Owner:

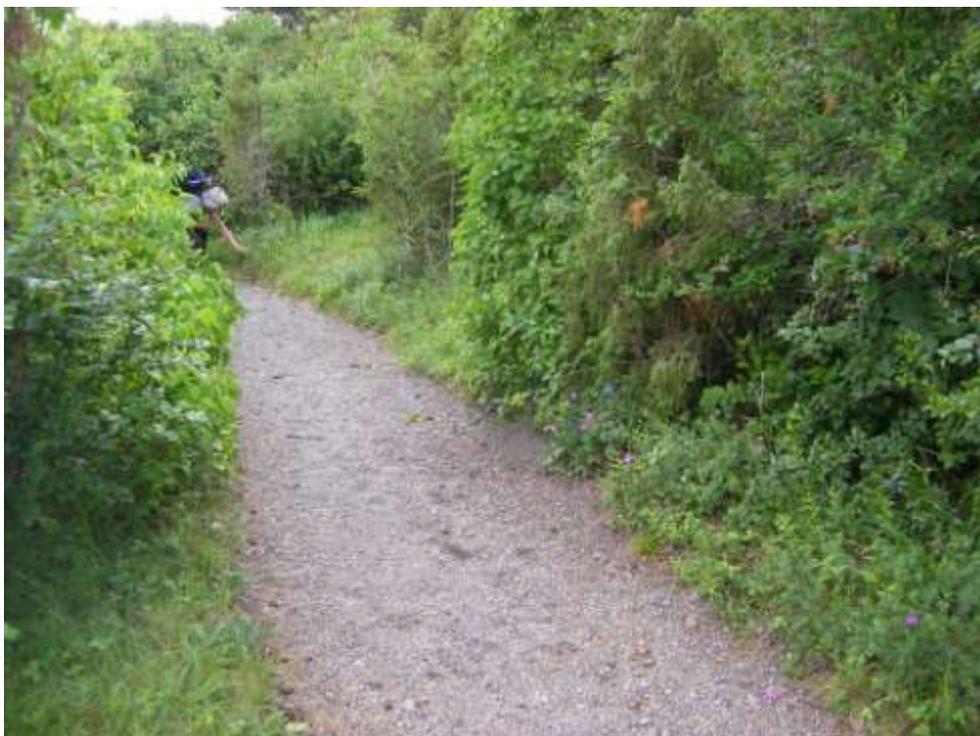
Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Location “8”, bigger place, close to toilet. 16.06.2011



Phot.2. Location “8” smaller place. 16.06.2011



Location: Bleikøya 9

Individuals: ca 23

Area: 5 x 30 m

Environment (habitat): Open and partly overgrown by bushes ridge in the highest part of Bleikøya over the house no 104. With other species: *Achillea millefolium*, *Artemisia campestris*, *Berberis vulgaris*, *Centaurea jacea*, *Cotoneaster* sp., *Festuca rubra* cfr., *Fragaria vesca*, *Fragaria viridis*, *Galium verum*, *Geranium sanguineum*, *Geum urbanum*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *S. maximum*), *Origanum vulgare*, *Phydimus spurium* (*Sedum spurium*), *Plantago media*, *Polygonatum odoratum*, *Prunus spinosa*, *Rosa* sp., *Thymus pulegioides*, *Trifolium arvense*, *Trifolium pratense*, *Veronica spicata*

Condition: Plants are in good condition. Most of them are growing among bushes on the ridge starting in the garden of house no 104. A few plants has been found in open area close to footpath.

Care: Light clearing of bushes needed.

GPS-coordinates: 59°53'20.81"N 10°44'17.07"E [Dracocephalum-Bleikøya9.kmz](#)

Top of the hill on the highest part of Bleikøya, close to main footpath.

Date of watch: 16.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Location “9” begin close to house no 104. 16.06.2011



Phot. 2. Main part of location “9”. 16.06.201



NAKKHOLMEN - 2011



Location: Nakkholmen 1

Individuals: ca 400

Area: 130 x 10 m

Environment (habitat): The ridge of a hill partly overgrown by bushes (covering ca 50% of the area). In thermophilous vegetation on shallow soil, with: *Syringa vulgaris*, *Fraxinus excelsior*, *Rosa sp.*, *Cotoneaster sp.*, *Berberis vulgaris*, *Geranium sanguineum*, *Dianthus deltoides*, *Fragaria vesca*, *Polygonatum odoratum*, *Verbascum sp.*, *Sedum spurium*, *Filipendula vulgaris*.

Condition: Plants are in very good condition and most of them, 90% are blooming. *Dracocephalum* plants can be found along a whole top of the ridge.

Care: Seems that local group of people "Dragehode grupen" take care of this place. They do same cutting of overgrowing lilac bushes and in some places use chemicals to fight against them. Those places shall be mow by motor scythe, preferable twice a year to remove lilac shoots completely.

GPS-coordinates: 59°53'23.97"N 10°41'29.46"E [Dracocephalum-Nakkholmen1.kmz](#)

Stony hill in the central part of W side of the island.

Date of watch: 18.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J.Potocka

Phot.1. Top of the hill. Lilac bushes have been cut last year. 18.06.2011



Location: Nakkholmen 2

Individuals: ca 185

Area: 10 x 10 m (potential area 20 x 50 m)

Environment (habitat): Open NE slope of a small hill. In thermophilous vegetation with *Geranium sanguineum* on shallow soil. With: *Geranium sanguineum*, *Filipendula vulgaris*, *Arctostaphylos uva-ursi*, *Hylotelephium telephium ssp. maximum* (*Sedum telephium* = *Sedum maximum*), *Syringa vulgaris*, *Rosa sp.*, *Berberis vulgaris*, *Sorbus aucuparia x*, *Cotoneaster sp.* (*cult. - lucidus? scandinavicus?*), *Sedum spurium*, *Festuca (ovina agg.?)*, *Galium boreale*, *Thymus sp*, *Fragaria vesca*, *Plantago media*, *Veronica spicata*, *Polygonatum odoratum*, *Convallaria majalis*. *Rubus Saxatilis*

Condition: Plants looks fresh and in good condition. Most of plants, 75% are blooming. A lot of young plants noticed on the top of the hill are not blooming.

Care: Could be good to remove some *Bergenia sp.* plants and a long shoots of *Rubus saxatilis*.

GPS-coordinates: 59°53'24.43"N 10°41'48.97"E [Dracocephalum-Nakkholmen2.kmz](#)

Open NE slope of a small hill, close to the shore, 100 m S from the harbour, over the compost deposit.

Date of watch: 18.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. General view over location "2". 18.06.2011



Location: Nakkholmen 3

Individuals: ca 335

Area: 80 x 100 m

Environment (habitat): The ridge and slopes of a hill partly overgrown by bushes. In thermophilous vegetation with: *Geranium sanguineum* on shallow soil. With: *Sorbus acuparia*, *S. intermedia*, *Cotoneaster* sp., *Rosa* sp., *Ligustrum vulgare*, *Syringa vulgaris*, *Lycium barbarum*, *Berberis vulgaris*, *Pinus silvaticus*, *Filipendula vulgaris*, *Sedum spurium*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *Sedum maximum*), *Geranium sanguineum*, *Thymus* sp., *Origanum vulgare*, *Plantago media*, *Fragaria vesca*, *Campanula persicifolia*, *Polygonatum odoratum*.

Condition: This year site looks poor comparing with last years. Most of plants are blooming but they are small and grows sparsely both in open area and close to bushes. (Rats activity?)

Care: Somebody (Dragehode gupen?) take care and is doing some observations on this location (rectangle control fields are marked). Light clearing of bushes and mowing open areas once a 2 – 3 years is recommended.

GPS-coordinates: 59°53'19.20"N 10°41'28.40"E [Dracocephalum-Nakkholmen3.kmz](#)

Stony hill in the southern peninsula of the W side of the island.

Date of watch: 18.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Southern, open part of location “3”. 18.06.2011



Phot.1. Plants are rather small and grows sparsely. 18.06.2011



Location: Nakkholmen 4

[Dracocephalum-Nakkholmen4.kmz](#)

There was no access to this location – private property with fence.

Location: Nakkholmen 5

Individuals: ca 65

Area: 10 x 30

Environment (habitat): Top of the ridge and NW slope of a hill partly overgrown by bushes from surroundings of a house no 182 to the resting bench. There is a great influence of human presence but *Dracocephalum* plants are growing even on the edges of flower beds in gardens. In thermophilous vegetation with *Geranium sanguineum* on shallow soil. With: *Syringa vulgaris*, *Rosa sp.*, *Filipendula vulgaris*, *Sedum spurium* (*Phedimus spurius*), *Hylotelephium telephium ssp. maximum* (*Sedum telephium* = *Sedum maximum*), *Geranium sanguineum*, *Thymus sp.*, *Origanum vulgare*, *Plantago media*, *Polygonatum odoratum*.

Condition: Plants looks fresh and in good condition, 95% of them are blooming.

Care: Somebody (Dragehode gupen?) take care and is doing some observations on this location. Plants are growing along a footpath and under a big lilac bush close to resting bench. Lilac gives them a shadow but also protect them against being trampled down. A few twigs of lilac should be cut out but not a whole bush.

GPS-coordinates: 59°53'28.93"N 10°41'42.38"E [Dracocephalum-Nakkholmen5.kmz](#)

A middle part of a long ridge which sticks out as a peninsula in NE part of island. Between house no 64 and 182.

Date of watch: 18.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Central part of location “5”. 18.06.2011



Phot.2. Northern part of location ‘2’. 18.06.2011



Phot.3. Some *Dracocephalum* plants grows along footpath. 18.06.2011



HEGGHOLMEN – 2011



Location: Hegg Holmen 1

Individuals: ca 230

Area: 8 x12 m

Environment (habitat): SW part of the flat top of the hill. In thermophilous vegetation on shallow soil. With: *Fraxinus excelsior*, *Sobus aucuparia*, *Rosa sp.*, *Polygonatum odoratum*, *Sedum album*, *Hylotelephium telephium ssp. maximum* (*Sedum telephium* = *Sedum maximum*), *Geranium sanguineum*, *Thymus pulegioides*, *Filipendula vulgaris*, *Fragaria vesca*, *Cotoneaster sp.*, *Allium vineale*, *Vincetoxicum rossicum*.

Condition: Big tufts of old plants in western side of a footpath are blooming very abundant. Most of this location consist of smaller and young plants which are blooming less. About 80% of population are blooming. Location is in visible way trampled by visitors.

Care: This area should be mowed by motor scythe once a 3 -4 years after *Dracocephalum* seeds are ripen.

GPS-coordinates: 59°52'55.90"N 10°42'42.10"E [Dracocephalum-Hegg Holmen1.kmz](#)

SW part of Hegg Holmen, Flat top of the hill

Date of watch: 20.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

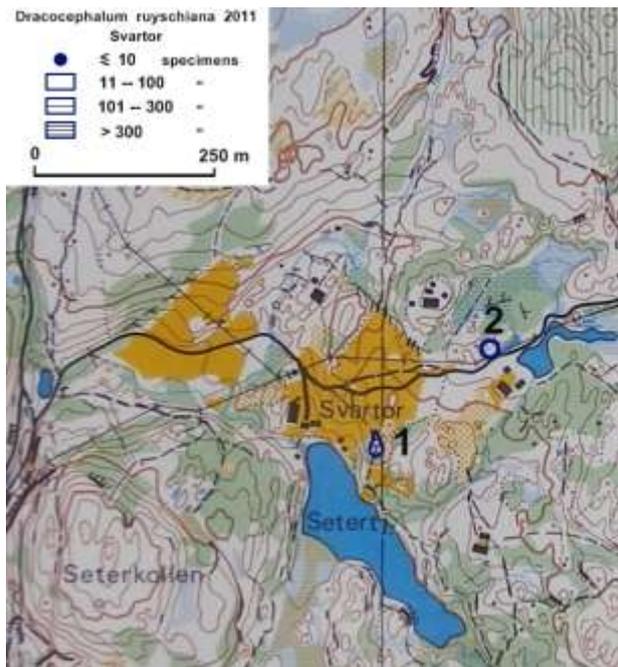
Phot.1. Location at Heggholmen. 20.06.2011



Phot.2. Most of location area consist of small and young plants. 20.06.2011



NORDMARKA, Svartør - 2011



Location: Svartør 1

Individuals: ca 150

Area: 50 x 20

Environment (habitat): On a small dry rocky hill, surrounded by bushes and young trees (main concentration), and spread in the neighbouring part of the meadow. With: *Achillea millefolium*, *Agrostis capillaris*, *Agrostis vulgaris*, *Alchemilla* sp., *Briza media*, *Campanula rotundifolia*, *Carex pallescens*, *Convallaria majalis*, *Dactylis glomerata*, *Filipendula vulgaris*, *Filipendula ulmaria*, *Fragaria vesca*, *Fraxinus excelsior*, *Galium boreale*, *Galium verum*, *Geranium sylvaticum*, *Holcus lanatus*, *Hypericum perforatum*, *Hypochoeris maculata*, *Juniperus communis*, *Knautia arvensis*, *Lathyrus vernus*, *Leucanthemum vulgare*, *Phleum pratense*, *Pimpinella saxifraga*, *Plantago media*, *Primula veris*, *Prunus padus*, *Ranunculus acris*, *Rosa* sp., *Rubus* sp., *Solidago virgaurea*, *Sorbus aucuparia*, *Thymus pulegioides*, *Trifolium alpestre*, *Trifolium pratense*, *Vicia cracca*

Condition: Most of counted this year plants are very small, looks like juvenile (or small shoots from old tufts) and only about 25% of them are blooming.

Care: A recommended cutting of trees and bushes has been done in this area but this place is still used as a pasture for horses during the end of July and August. *Dracocephalum* plants are eaten before their seeds are ripen. Grazing can weakened plants as well. Seems that this location should be fence in against grazing or at least not every year grazing should be permitted.

GPS-coordinates: 60° 1'31.32"N 10°38'51.99"E

[Dracocephalum-Svartør1.kmz](#)

The main site is situated ca 150 m E from Svartor farm on a former footpath to E side of Setertj.

Date of watch: 19.06.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Main part of location "Svartør 1". 19.06.2011



Phot.2. Most of *Dracocephalum* plants are small and not flowering. 19.06.2011



Phot.3.Part with a few flowering *Dracocephalum*.19.06.2011



Location: Svartør 2

Individuals: ca 33

Area: 2 x 3 m

Environment (habitat): On a very small, dry, rocky hill on a side of a meadow. With: *Picea excelsa*, *Populus tremula*, *Rosa sp.*, *Sorbus aucuparia*, *Salix caprea*, *Prunus padus*, *Convallaria majalis*, *Polygala sp.*, *Geranium sanguineum*, *Thymus pulegioides*, *Fragaria vesca*, *Melampyrum sylvaticum*, *Galium boreale*, *Hypericum maculatum*...

Condition: Plants are blooming, in good condition and covers the same area as last years. No other plants found in close surrounding.

Care: Light clearing made in 2009 seems to be enough. There is no horses grazing on this location. *Dracocephalum* plants are in much better condition than on location Svartor 1.

GPS-coordinates: 60° 1'34.85"N 10°38'59.56"E [Dracocephalum-Svartor2.kmz](#)

Site is situated just opposite Framstua , on NW side of the road.

Date of watch: 19.06.2011

Owner:

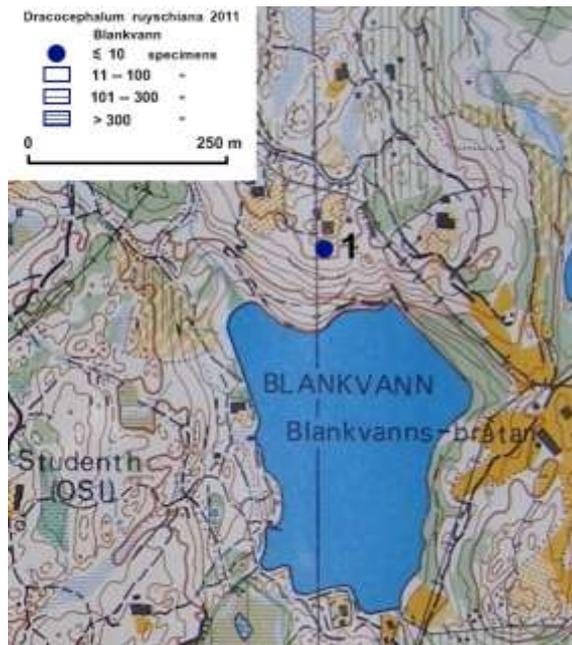
Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. Location Svartør 2 – *Dracocephalum* plants are in good condition, most of them blooming. 19.06.2011



NORDMARKA, Blankvann - 2011



Location: Blankvann 1

Individuals: 2

Area: 2 x 3 m

Environment (habitat): On a south facing, open hill slope over a Blankvan lake. With a reach calciphilous vegetation. Among other: *Acer platanoides*, *Achillea millefolium*, *Agrostis capillaris*, *Alchemilla* sp., *Anemone nemorosa*, *Antennaria dioica*, *Anthericum liliago*, *Anthoxanthum odoratum*, *Aruncus dioicus*, *Betula pubescens*, *Briza media*, *Calamagrostis arundinacea*, *Campanula rotundifolia*, *Campanula persicifolia*, *Convallaria majalis*, *Dryopteris filix-mas*, *Epilobium angustifolium*, *Epipactis atrorubens*, *Fragaria vesca*, *Galium boreale*, *Galium verum*, *Geranium sylvaticum*, *Gymnadenia conopsea*, *Hepatica nobilis*, *Hieracium sect. hieracium*, *Hylotelephium telephium*, *Iris sibirica*, *Lapsana communis*, *Leucantemum vulgare*, *Lilium martagon*, *Listera ovata*, *Melampyrum pratense*, *Orthilia secunda*, *Pinus sylvestris*, *Platanthera chlorantha*, *Polygala vulgaris*, *Potentilla erecta*, *Pyrola minor*, *P. rotundifolia*, *Rubus saxatilis*, *Solidago virgaurea*, *Sorbus aucuparia*, *Stachys sylvatica*, *Trifolium pratense*, *Vaccinium myrtillus*, *Vaccinium vitis-idaea*, *Vicia* sp., *Viola* sp., *Viscaria vulgaris*

Condition: Only two individuals as last year.

Care:

GPS-coordinates: 60° 1'40.10"N 10°39'58.30"E [Dracocephalum-Blankvann1.kmz](#)

About 50 m below a cottage in the direction to Tryvannshogda.

Date of watch: 21; 29; 30.06. and 14.07.2011

Owner:

Photos: R. Gramsz

Observer: R. Gramsz, J. Potocka

Phot.1. The only two *Dracocephalum* plants at Blankvann 1 location. 29.06.2011

