

Dracocephalum ruyschiana – 2018



2.1. Latinsk navn (Latin name)

Dracocephalum ruyschiana L.

As **individual** we treat a tuft (cluster, or – ecological term – ramet) with 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 desintegrating 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 30 locations observed.

On the maps depending on the number of individuals locations are color-coded:

< 10 specimens (white); 11 – 100 specimens (yellow); 101 – 300 specimens (red);

> 300 specimens (violet)

BAKKEHAUGEN – 2018



Location: Bakkehaugen

Individuals: ca. 20 (?)

Area: 5 x 10 m (potential area 20 x 100m)

Environment (habitat): Slope SE, W and top of the ridge. Its slopes and top are not mowed but the ridge is surrounded by lawns. Small ridge is covered by rich vegetation. There is rather meadow, than kind of vegetation, which is characteristic for *Dracocephalum* locations. For this reason it is difficult to see vegetative individuals. Trees and bushes: *Ulmus (glabra?)*. Herbaceous plants: *Agrostis capillaris*, *Allium oleraceum*, *Anthriscus sylvestris*, *Avenastrum pubescens*, *Campanula persicifolia*, *Campanula trachelium*, *Carex digitata*, *Dactylis glomerata*, *Daucus carota*, *Galium boreale*, *Galium verum*, *Geranium sanguineum*, *G. silvaticum*, *Knautia arvensis*, *Fragaria vesca*, *Festuca rubra*, *Plantago media*, *Polygonatum odoratum*, *Poa pratensis s. lato*, *Solidago virgaurea*, *Thymus pulegioides*, *Trifolium alpestre*, *Viscaria vulgaris*, *Rumex acetosa*,

Condition: *Dracocephalum* grows at the top of a small ridge among lush, low vegetation of a meadow character. This year due to hot and dry weather all vegetation was small and dry. I did not find a small cluster of plants situated closer to fence. Plants were small and blooming very poorly. Seems that flowers dried out after they start blooming.

Care: Botanists from Norsk Botanisk Forening are taking care of this site.

GPS-coordinates: 59°56'47.30"N 10°45'09.60"E

[Dracocephalum- Bakkehaugen](#)

Date of watch: 11, 12.06.2018.

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Bakkehaugen. Very low and dry vegetation this year. 11.06.2018.



Photo 2. The best looking *Dracocephalum* among meadow vegetation. 11.06.2018.

BLEIKØYA - 2018



Map. *Dracocephalum ruyschiana* - Bleikøya.

< 10 specimens (white)

11 – 100 specimens (yellow)

101 – 300 specimens (red)

> 300 specimens (violet)

Location: Bleikøya 1



Individuals: ca. 350

Area: ca.100 x 60m, (0.2ha)

Environment (habitat): Open top of a ridge and a slope facing South. Also in western very steep slope is a concentration of about 20 big tufts and a few other plants are spread around. 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: Location is very dry, especially on small ridges and a little more “green” in concavities. Plants are small, hardly visible with a small amount of dried flowers.

Care: This location has not been mowed this year.

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

[Dracocephalum-Bleikoya1](#)

Date of watch: 24.06.2018.

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Top and S hill slope on Bleikøya1 with very dry ridges and a little more “green” concavities. 24.06.2018.



Photo 2. Relatively big tuft with few already dried flowers. 24.06.2018.

Location: Bleikøya 2



Individuals: ca. 200

Area: 40 x 30 m, (0.109 ha) (potential area 40 x 40 m)

Environment (habitat): Open top of a hill and a slope facing NWN and lower terrace on the East from 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*, *Phedimus spurius* (*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: Location is very dry, especially on small ridges and a little more “green” in concavities. Plants are small, hardly visible with a small amount of dried flowers.

Care: This location has been partly (part S from footpath) mowed (especially bushes and *Phedimus spurius*) this year.

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

[Dracocephalum-Bleikoya2](#)

Date of watch: 24.06.2018. + 23.08.2018 (mowing)

Photos: R. Gramsz,

Observer: R. Gramsz



Photo 1. Top of a ridge on location Bleikøya 2. 24.06.2018.



Photo 2. Eastern part of location Bleikøya 2, below the main area. 24.06.2018.

Location: Bleikøya 3



Individuals: Not found

Area: 3 x 4 m, (0.001 ha)

Environment (habitat): Part of a beach used for boats storage and a rocky ledge about 50 m North from this 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: *Dracocephalum* plants were not found.

Care: Overgrowing bushes were removed this year.

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

Under a footpath on the northern side of a place for boat storage in winter.

Date of watch: 24.06.2018. + 3.09.2018. (bushes)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz

Location: Bleikøya 4



Individuals: ca.110

Area: 100 (120) x 30m, (0.133 ha) + 5 x 5m, (0.005 ha)

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. Open area in “winter boat storage place” is included to the main location but another concentration, some 50 m apart is showed separately on the map. 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 spurius* (*Sedum spurium*), *Pimpinella saxifraga*, *Plantago media*, *Polygonatum odoratum*, *Polypodium vulgare*, *Potentilla argentea*, *Prunella vulgaris*, *Sedum album*, *Solidago virgaurea*, *Thymus pulegioides*, *Veronica spicata*

Condition: It was fewer plants than last year but only in this site on Bleikøya I could find some still blooming plants. No plants on site close to place with boats and 12 on site over footpath – 15 -30 cm high, 50% sparsely blooming plants After very hot and dry end of May and June this shaded and on the NW slope location, comparing with other in Bleikøya was in relatively good condition.

Care: Part of this location has been mowed in this year.

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

[Dracocephalum-Bleikoya4](#)

Date of watch: 24.06.2018. + 3,10.09.2018. (mowing)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. The main part of location Bleikøya 4 with some still blooming plants. 24.06.2018.



Photo 2. *Dracocephalum* on steep western slope. 24.06.2018.

Location: Bleikøya 5



Individuals: ca. 36

Area: 10 x 30 m, (0.043 ha)

Environment (habitat): Open ridge and a SE 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 spurius* (*Sedum spurium*), *Plantago media*, *Polygonatum odoratum*, *Prunus spinosa*, *Rosa* sp., *Thymus pulegioides*, *Trifolium arvense*, *Trifolium pratense*, *Veronica spicata*

Condition: It was much less visible plants as last year. Only few plants were sparsely blooming. Few of them quite high – 30 cm.

Care: Some bushes were cut in S part of location.

(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 Bleikøya. Another “bushy” site is no 4 but on NW slope. That treatment gives a better diversity of habitats in all locations on Bleikøya.)

GPS-coordinates: 59°53'18.52"N 10°44'12.15"E

[Dracocephalum-Bleikoya5](#)

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

Date of watch: 24.06.2018. + 3.09.2018 (cutting)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. SE end of the ridge – seams too much overgrown by bushes. 24.06.2018.



Photo 2. A few tufts were quite big (30 cm) but they already finish blooming. 24.06.2018.

Bleikøya 6a



Individuals: Ca. 75

Area: 5 x 15 m, (0.010 ha)

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: Location was very dry. *Dracocephalum* plants were weak and small 10 – 15 (20) cm. Only about 30% were blooming and all flowers were already dry at the time of observation.

Care: Location was mowed in this year.

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

[Dracocephalum-Bleikoya6](#)

Date of watch: 24.06.2018. + 4.09.2018. (mowing)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Location Bleikøya 6a. 24.06.2018.



Photo 2. View over location Bleikøya 6a after mowing. 4.09.2018.

Location: Bleikøya 7



Individuals: Ca.78

Area: 30 x 40m, (0.080 ha)

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 gliciphyllus*, *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*, *Phedimus spurius* (*Sedum spurius*), *Pimpinella saxifraga*, *Plantago media*, *Polygonatum odoratum*, *Rhamnus cathartica*, *Rosa* sp., *Sedum album*, *Solidago virgaurea*, *Sorbus hybrida*, *Syringa vulgaris*, *Thymus pulegioides*

Condition: Location was very dry. *Dracocephalum* plants were weak and small 10 – 15 (20) cm. Only about 20% were blooming and all flowers and some whole plants were already dry at the time of observation.

Care: Some bushes and lilac shrubs were cut. *Vincetoxicum rossicum* and *Phedimus spurius* were pulled out of the ground (by Bjørn Smevold).

GPS-coordinates: 59°53'16.23"N 10°44'2.88"E

[Dracocephalum-Bleikoya7](#)

Date of watch: 24.06.2018. + 4.09.2018. (active protection)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz

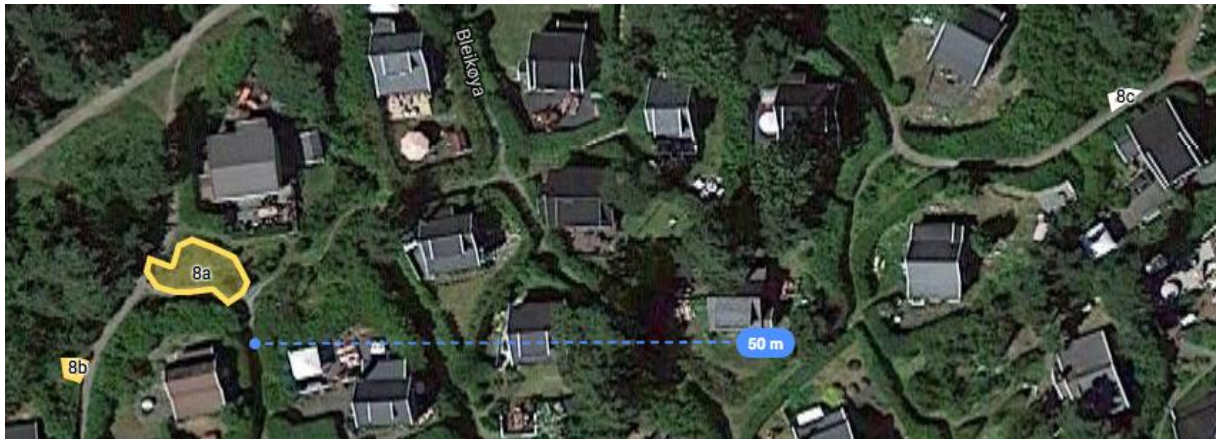


Photo 1. View over main part of location Bleikøya 7. 24.06.2018.



Photo 2. *Vincetoxicum rossicum* and *Phedymus spurius* is present on location 7. 24.06.2018.

Location: Bleikøya 8



Individuals: ca. 46 (33 + 10 + 3)

Area: 4 x 6 m, (0.005 ha) + 2 x 4 m, (0.001 ha) +(new from 2013) 2 x 3 m

Environment (habitat): In a line of bushes aside foot path – 3 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: Surprisingly – this is the only location with no less plants in this year. But they are smaller and were blooming sparsely.

Care: Locations were mowed in this year.

GPS-coordinates: 59°53'20.62"N 10°44'22.02"E

[Dracocephalum-Bleikoya8](#)

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

New place along main path: 59°53'21.4"N 10°44'28.7"E

[Dracocephalum-Bleikoya8c](#)

Date of watch: 24.06.2018. + 4.09.2018. (mowing)

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo1. Location Bleikøya 8a - bigger place, close to toilet. 24.06.2018.



Photo 2. Location Bleikøya 8b - smaller place. 24.06.2018.



Photo 3. Location Bleikøya 8c. 24.06.2018.

Location: Bleikøya 9



Individuals: 3

Area: 5 x 30 m, (0.011 ha)

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 spurius* (*Sedum spurium*), *Plantago media*, *Polygonatum odoratum*, *Prunus spinosa*, *Rosa* sp., *Thymus pulegioides*, *Trifolium arvense*, *Trifolium pratense*, *Veronica spicata*

Condition: Only 3 poorly blooming plants were found on the ridge. Nothing in open area close to the footpath.

Care: No cutting this year.

GPS-coordinates: 59°53'20.81"N 10°44'17.07"E

[Dracocephalum-Bleikøya9](#)

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

Date of watch: 24.06.2018.

Owner:

Photos: R.Gramsz

Observer: R. Gramsz



Photo 1. Only 3 poorly blooming *Dracocephalum* on location Bleikøya 9. 24.06.2018.

Location: Bleikøya 10



Individuals: ca. 100

Area: 5 x 20m, (0.013 ha)

Environment (habitat): Small, dry clearing on the top of a hill surrounded by a small forest and thicket with trees: *Pinus silvestris*, *Fraxinus excelsior* and *Acer platanoides*. This clearing itself is partly overgrown by bushes: *Rhamnus cathartica*, *Berberis vulgaris*, *Cotoneaster* sp., *Rosa* sp. And other species: *Achillea millefolium*, *Agrostis capillaris* cfr., *Avenastrum pratensis*, *Calamagrostis arundinacea* cfr., *Centaurea jacea*, *Daucus carota*, *Festuca ovina*, *Festuca rubra* cfr., *Fragaria vesca*, *Fragaria viridis*, *Filipendula vulgaris*, *Galium boreale*, *Galium verum*, *Geranium sanguineum*, *Geum urbanum*, *Hylotelephium telephium* ssp. *maximum* (*Sedum telephium* = *S. maximum*), *Hypericum perforatum*, *Lotus corniculatus*, *Melica nutans*, *Origanum vulgare*, *Phydium spurium* (*Sedum spurium*), *Plantago media*, *Polygonatum odoratum*, *Prunus spinosa*, *Thymus pulegioides*, *Trifolium arvense*, *Trifolium pratense*, *Veronica spicata*.

Height of sward about 30 cm. There are only few places to germination within the patch of *Dracocephalum*, more places to germination are on the slope.

Condition: The open, central part on location was very dry so, also *Dracocephalum* plants were small and partly dry. Plants growing under bushes were more green and with a few flowers.

Care: No cutting this year but the owner of nearby cottage cleared NE slope from trees and bushes.

GPS-coordinates: 59°53'22.70"N 10°44'30.00"E

[Dracocephalum-Bleikoya10](#)

Date of watch: 24.06.2018.

Owner:

Photos: R. Gramsz

Observer: R. Gramsz



Photo 1. Location Bleikøya 10. Top of the ridge. 24.06.2018.



Photo 2. Only plants growing in the shadow of a shrub were in better condition and with a few flowers. 24.06.2018.