

RINGVE BOTANICAL GARDEN
NTNU University Museum, Trondheim, Norway

INDEX SEMINUM 2018



 **NTNU**
Vitenskapsmuseet
Ringve botaniske hage

Contents:

Seeds collected from spontaneous plants in natural habitats in Norway in 2016 and 2017.

Nomenclature:

The nomenclature in the Index Seminum is mainly based on:

Lid, J. and Lid, D. T. 2005. Norsk flora – Det norske Samlaget, Oslo.

Collectors:

Steinar Gagnås (SG), Reidun Mork (RM), Stefan Patrick Nilsen (SPN), Vibekke Vange (WV), Einar Værnes (EV).

Desiderata:

Orders can be placed online, by e-mail or mail until 10th March 2018.

Max. 20 orders per garden.

Online (registered users only): http://www.irisbg.com/indsem_trh/

E-mail: ringve.botaniske@vm.ntnu.no

Mail:

NTNU University Museum

Ringve Botanical Garden

NO-7491 TRONDHEIM

Norway



Position of Ringve
Botanical Garden:

63° 26' 52'' N

10° 27' 10'' E

Index Seminum 2018

Spontaneous plants; seeds collected in natural habitats in Norway.

Apiaceae

- 1 ***Angelica archangelica* L. subsp. *archangelica***
Norway: Nordland, Dønna, Småholman close to Skagalandet, 2 - 10 m, 66.078682° N | 12.376699° E (WGS84). 2016-08-03. SPN. Prov: Wild.
- 2 ***Angelica sylvestris* L.**
NOR: Nord-Trøndelag, Lierne, Nordli: Sandvika, Stortangen, 400 m, 64.458747° N | 13.590269° E (WGS84). 2017-09-11. SG. Acc: 2017-174. Prov: Wild.

Asteraceae

- 3 ***Antennaria dioica* (L.) Gaertner**
Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.
- 4 ***Cicerbita alpina* (L.) Wallr.**
Norway: Sør-Trøndelag, Trondheim, Strindamarka. 2017-08-12. SPN. Prov: Wild.
- 5 ***Saussurea alpina* (L.) DC.**
Norway: Sør-Trøndelag, Trondheim, Strindamarka. 2017-09-06. SPN. Prov: Wild.

Betulaceae

- 6 ***Betula nana* L. subsp. *nana***
Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2017-09-23. SPN. Prov: Wild.

Brassicaceae

- 7 ***Arabis hirsuta* (L.) Scop. var. *hirsuta***
Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2016-09-10. SPN. Prov: Wild.
- 8 ***Arabis hirsuta* (L.) Scop. var. *hirsuta***
Norway: Sør-Trøndelag, Hemne, Storberget, 63.38765° N | 9.00666° E (WGS84). 2016-09-17. EV. Prov: Wild.

Campanulaceae

- 9 ***Campanula rotundifolia* L.**
Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. RM. Prov: Wild.

Caprifoliaceae

10 ***Linnaea borealis* L.**

Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2017-09-17. SPN. Prov: Wild.

Caryophyllaceae

11 ***Lychnis flos-cuculi* L.**

Norway: Nordland, Dønna, Småholman close to Skagalandet, 2 - 10 m, 66.078682° N | 12.376699° E (WGS84). 2016-08-03. SPN. Prov: Wild.

12 ***Silene acaulis* (L.) Jacq.**

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Cornaceae

13 ***Chamaepericlymenum suecica* (L.) Graebn.**

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Crassulaceae

14 ***Rhodiola rosea* L.**

Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Cyperaceae

15 ***Carex capillaris* L.**

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. VV. Prov: Wild.

16 ***Carex flava* L.**

Norway: Sør-Trøndelag, Meldal, Resfjellet, 62.982691° N | 9.529349° E (WGS84). 2016-09-18. SPN. Prov: Wild.

17 ***Carex hostiana* DC.**

Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. EV. Prov: Wild.

18 ***Carex limosa* L.**

Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. VV. Prov: Wild. Det. by comparison.

19 ***Carex pallescens* L.**

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

20 ***Carex pulicaris* L.**

Norway: Sør-Trøndelag, Trondheim, Granåsen, 63.37774° N | 10.29543° E (WGS84). 2016-09-10. EV. Prov: Wild.

21 ***Eriophorum angustifolium* Honckeny subsp. *angustifolium***

Norway: Nordland, Dønna, Hestadtinden, 66.054186° N | 12.449187° E (WGS84). 2016-08-04. SPN. Prov: Wild.

- 22 ***Eriophorum angustifolium* Honckeny subsp. *angustifolium***
Norway: Nord-Trøndelag, Meråker, Midtjfellet, 900 - 970 m, 63.388053° N | 11.613961° E (WGS84). 2017-09-24. SPN. Prov: Wild.

Diapensiaceae

- 23 ***Diapensia lapponica* L.**
Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Ericaceae

- 24 ***Andromeda polifolia* L.**
Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.
- 25 ***Harrimanella hypnoides* (L.) Coville**
Norway: Nord-Trøndelag, Meråker, Midtjfellet, 900 - 970 m, 63.388053° N | 11.613961° E (WGS84). 2017-09-24. SPN. Prov: Wild.
- 26 ***Loiseleuria procumbens* (L.) Desv.**
Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.
- 27 ***Phyllodoce caerulea* (L.) Babingt.**
Norway: Nord-Trøndelag, Meråker, Midtjfellet, 900 - 970 m, 63.388053° N | 11.613961° E (WGS84). 2017-09-24. SPN. Prov: Wild.

Fabaceae

- 28 ***Anthyllis vulneraria* L.**
Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2017-09-17. SPN. Prov: Wild.
- 29 ***Lotus corniculatus***
Norway: Nordland, Dønna, Skagalandet, 66.080732° N | 12.398164° E (WGS84). 2016-08-01. SPN. Prov: Wild.

Hypericaceae

- 30 ***Hypericum maculatum* Crantz**
Norway: Sør-Trøndelag, Meldal, Resfjellet (Vålaskaret), 62.982691° N | 9.529349° E (WGS84). 2016-09-18. SPN. Prov: Wild.

Juncaceae

- 31 ***Juncus conglomeratus* L.**
Norway: Sør-Trøndelag, Hemne, Storberget, 63.38765° N | 9.00666° E (WGS84). 2016-09-17. EV. Prov: Wild.
- 32 ***Luzula multiflora* (Retz.) Lej.**
Norway: Nordland, Dønna, Skagalandet, 66.080732° N | 12.398164° E (WGS84). 2016-08-01. SPN. Prov: Wild.

Lamiaceae

33 *Prunella vulgaris* L.

Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. RM, EV. Prov: Wild.

34 *Thymus praecox* Opiz subsp. *arcticus* (Durand) Jalas

Norway: Sør-Trøndelag, Trondheim, Strindamarka, Estenstaddamman, 63.392026° N | 10.487413° E (WGS84). 2017-09-17. SPN. Prov: Wild.

Lentibulariaceae

35 *Pinguicula vulgaris* L.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Myricaceae

36 *Myrica gale* L.

Norway: Sør-Trøndelag, Trondheim, Bymarka: ved Fjellseter. 2017-09-24. VV. Prov: Wild.

Nartheciaceae

37 *Narthecium ossifragum* Huds.

Norway: Sør-Trøndelag, Snillfjord, Langlidalsheian, 63.326529° N | 9.492712° E (WGS84). 2017-09. SPN. Prov: Wild.

Orchidaceae

38 *Coeloglossum viride* (L.) Hartm.

Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

39 *Epipactis atrorubens* (Hoffm.) Besser

Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2017-09-23. SPN. Prov: Wild.

Oxalidaceae

40 *Oxalis acetosella* L.

Norway: Nord-Trøndelag, Stjørdal, Forbordsfjellet, 63.523010° N | 10.912693° E (WGS84). 2017-09-17. SPN. Prov: Wild.

Poaceae

41 *Melica nutans* L.

Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. EV. Prov: Wild.

Pyrolaceae

42 *Moneses uniflora* (L.) A.Gray

Norway: Sør-Trøndelag, Selbu, N for Selbustrand, Langjon area., 600 - 670 m. 2017-09-02. SPN. Prov: Wild.

43 *Orthilia secunda* (L.) House

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

44 *Pyrola minor* L.

Norway: Sør-Trøndelag, Selbu, N for Selbustrand, Langjon area., 600 - 670 m. 2017-09-02. SPN. Prov: Wild.

Ranunculaceae

45 *Aconitum lycoctonum* L. subsp. *septentrionale* (Koelle) Korsh.

Norway: Sør-Trøndelag, Trondheim, Strindamarka, Estenstad, 63.392018° N | 10.486422° E (WGS84). 2017-09-06. SPN. Prov: Wild.

Rosaceae

46 *Alchemilla alpina* L.

Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. RM. Prov: Wild.

47 *Dryas octopetala* L.

Norway: Nord-Trøndelag, Meråker, Fonnfjellet, 63.419318° N | 11.590835° E (WGS84). 2016-08-06. SPN. Prov: Wild.

48 *Dryas octopetala* L.

Norway: Oppland, Lom, Jotunheimen, Bøvertovatnet, 61.645094° N | 8.083267° E (WGS84). 2016-09-19. SPN. Prov: Wild.

49 *Dryas octopetala* L.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

50 *Rubus chamaemorus* L.

Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

51 *Sorbus aucuparia* L.

Norway: Sør-Trøndelag, Trondheim, Strindamarka. 2017-09-06. SPN. Prov: Wild.

Salicaceae

52 *Salix glauca* L.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

53 *Salix herbacea* L.

Norway: Nord-Trøndelag, Meråker, Midtifjellet, 900 - 970 m, 63.388053° N | 11.613961° E (WGS84). 2017-09-24. SPN. Prov: Wild.

Saxifragaceae

54 *Saxifraga aizoides* L.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

55 *Saxifraga cotyledon* L.

Norway: Sør-Trøndelag, Selbu, Baklifjellet, 650 - 680 m, 63.311053° N | 10.926062° E (WGS84). 2017-08-28. SPN. Prov: Wild.

56 *Saxifraga cotyledon* L.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SPN. Prov: Wild.

Scrophulariaceae

57 *Linaria vulgaris* Miller

Norway: Sogn og Fjordane, Luster, Fortunsdalen. 2016-09-20. SPN. Prov: Wild.

58 *Scrophularia nodosa* L.

Norway: Sør-Trøndelag, Hemne, Storberget, 63.38765° N | 9.00666° E (WGS84). 2016-09-17. EV. Prov: Wild.

59 *Veronica fruticans* Jacq.

Norway: Oppland, Lom, Jotunheimen, Bøvertovatnet, 61.645094° N | 8.083267° E (WGS84). 2016-09-19. SPN. Prov: Wild.

60 *Veronica officinalis* L.

Norway: Sør-Trøndelag, Selbu, Våttafjellet, 63.165717° N | 11.248569° E (WGS84). 2016-09-12. SPN. Prov: Wild.

61 *Veronica officinalis* L.

Norway: Sør-Trøndelag, Trondheim, Strindamarka. 2017-09-06. SPN. Prov: Wild.

Tofieldiaceae

62 *Tofieldia pusilla* (Michx.) Pers.

Norway: Sør-Trøndelag, Selbu, Vennafjellet, 640 - 680 m, 63.310747° N | 10.935818° E (WGS84). 2017-08-28. SG, RM, SPN, VV. Prov: Wild.

Desiderata

NTNU University Museum
Ringve Botanical Garden
N-7491 Trondheim
NORWAY

Contact e-mail:
ringve.botaniske@vm.ntnu.no

Each order is limited to 20 numbers
Orders can be placed until 2018-03-10

If necessary, please make corrections to your name, address and e-mail here:

Terms and conditions:

In response to the International Convention on Biological Diversity, the seeds are supplied to other botanical gardens and research institutions on the following conditions:

- 1) The seeds will be used for the common good in the areas of research, education, conservation and the development of botanical gardens;
- 2) Information on the material will be appropriately stored and the connection between the information and the material will be maintained;
- 3) If scientific publications are produced on the plant material provided, the origin of the material must be cited. In addition, the garden would expect to receive a copy of these publications.
- 4) Permission must be sought from the garden if the recipient seeks to commercialise the genetic material, its products, or research derived from it. Such commercialisation will be subject to the conditions of a separate agreement with the country of origin.

By ordering seed or other plant material, the recipient accepts and pledges to respect the above conditions.