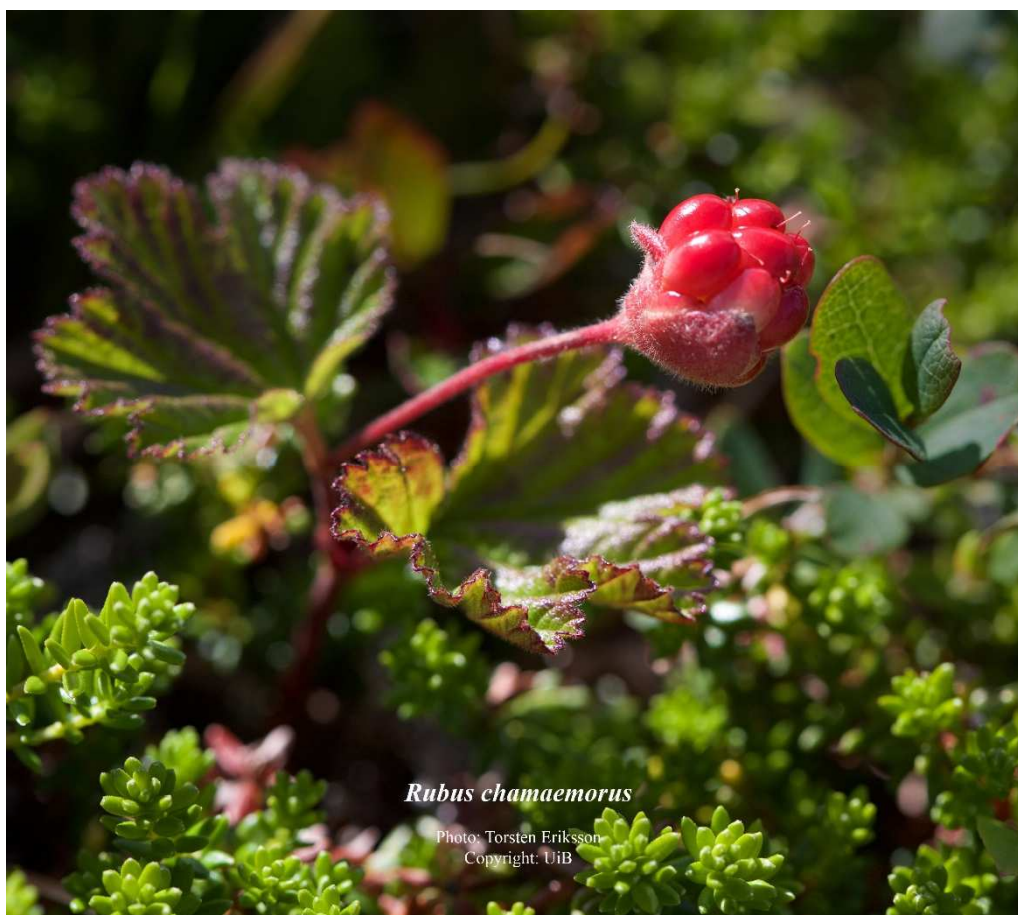




UNIVERSITY OF BERGEN  
*Arboretum and Botanical Garden*

## Index Seminum 2018



**Arboretum and Botanical Gardens  
University of Bergen  
Norway**

## Contents

Part 1: Collected from spontaneous plants – Seeds from wild or naturalized plants: Page 3

Part 2: Collected in the Arboretum – Seeds result from open pollination: Page 11

## Nomenclature

The nomenclature in the Index Seminum is mainly based on:

The Plant List (2013). Version 1.1, published on: [www.theplantlist.org](http://www.theplantlist.org)

## Desiderata

*Orders can be placed online, by mail and e-mail until 1<sup>st</sup> March 2018.*

***We will prioritize online orders.***

Online: [https://www.irisbg.com/indsem\\_bg/](https://www.irisbg.com/indsem_bg/)

E-mail: [indexseminum@uib.no](mailto:indexseminum@uib.no)

Mail:

University of Bergen

Arboretum and Botanical Gardens

Mildevegen 240

5259 HJELLESTAD

Norway

## Arboretum and Botanical Gardens

Inger Elisabeth Måren	Section leader, the University Gardens
Heidi Lie Andersen	Associate Professor, the Botanical Garden
Torsten Eriksson	Associate Professor, the Museum Garden
Per Harald Salvesen	Associate Professor, the Arboretum
Mladen Golubovic	Head gardener, the University Gardens
Bodil Oma	Gardener, in charge of the Botanical Garden
Else Jorunn Melstokkå	Gardener, in charge of the Nursery
Hilde Margrethe Moen	Gardener, in charge of the Museum Garden
Alf Helge Søyland	Gardener, in charge of the Arboretum

Tag: seminumsystem2018, seminumwild2018

# Part 1

## Collected from spontaneous plants

---

Seeds from wild or naturalized plants

### Apiaceae

- 1 ***Ligusticum scoticum* L.**  
Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 2 ***Ligusticum scoticum* L.**  
Norway: Rogaland, Karmøy, Tarevika, Ferkingstad, 2 m, 59.216530° N | 005.191592° E (WGS84). 2017-09-05. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 3 ***Ligusticum scoticum* L.**  
Norway: Rogaland, Klepp, Revtingen, 1 - 3 m, 58.754789° N | 5.498539° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 4 ***Torilis japonica* DC.**  
Norway: Rogaland, Rennesøy, Dale, by the road, 47 m, 59.083551° N | 005.715164° E (WGS84). 2017-09-06. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

### Asparagaceae

- 5 ***Convallaria majalis* L.**  
Norway: Hordaland, Bergen, Milde, Naustdalen, 30 m, 60.252446° N | 5.269972° E (WGS84). 2017-10-09. T.Pousi. Prov: Wild. Det. by comparison.
- 6 ***Maianthemum bifolium* (L.) F.W.Schmidt**  
Norway: Hordaland, Bergen, Milde, Korsdalane, 30 m, 60.260212° N | 05.272236° E (WGS84). 2016-10-04. T.Pousi. Prov: Wild. Det. by comparison.

### Asteraceae

- 7 ***Antennaria dioica* (L.) Gaertn.**  
Norway: Sogn og Fjordane, Aurland, Klevagjelet, 915 - 980 m, 60.724689° N | 7.207481° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 8 ***Centaurea nigra* Lam.**  
Norway: Hordaland, Os, Storsmsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.
- 9 ***Centaurea scabiosa* L.**  
Norway: Hordaland, Eidfjord, Måbødalen, Måbø, 230 - 330 m, 60.417239° N | 7.200847° E (WGS84). 2016-10-05. D.Kennedy, E.J.Melstokkå, B.Moe, S.Ystaas. Prov: Wild. Det. by a taxonomist.
- 10 ***Gnaphalium sylvaticum* L.**  
Norway: Hordaland, Bergen, Indre Sædal, 330 - 370 m, 60.357001° N | 5.399336° E (WGS84). 2017-10-29. B.Moe. Prov: Wild. Det. by a taxonomist.

**11 *Omalotheca supina* (L.) DC.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**Betulaceae**

**12 *Betula nana* L.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**Brassicaceae**

**13 *Arabis alpina* L.**

Norway: Hordaland, Eidfjord, E of Svolnosvatnet, 1150 m, 60.4772° N | 7.2794° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**14 *Cakile maritima* Scop.**

Norway: Rogaland, Karmøy, Mjølhussanden, 0 m, 59.168483° N | 005.197133° E (WGS84). 2017-09-05. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**15 *Cochlearia officinalis* L.**

Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Campanulaceae**

**16 *Campanula rotundifolia* L.**

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m, 60.465597° N | 7.294544° E (WGS84). 2016-10-05. D.Kennedy, E.J.Melstokkå, B.Moe, S.Ystaas. Prov: Wild. Det. by a taxonomist.

**Caprifoliaceae**

**17 *Succisa pratensis* Moench**

Norway: Rogaland, Hå, Haver, 15 m, 58.493086° N | 005.794001° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Caryophyllaceae**

**18 *Arenaria serpyllifolia* L. subsp. *serpyllifolia***

Norway: Rogaland, Hå, Brusand, 2 - 3 m, 58.532694° N | 5.763889° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**19 *Honckenia peploides* (L.) Ehrh.**

Norway: Rogaland, Hå, Kvassheim, 0 m, 58.545925° N | 5.681094° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**20 *Lychnis flos-cuculi* L.**

Norway: Hordaland, Os, Røtinga, Kobbavågen, 60.1348° N | 05.3724° E (WGS84). 2016-09-13. B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.

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

Norway: Sogn og Fjordane, Aurland, mountain ledges between Myrdal and Vatnahalsen, 924 m, 60.740183° N | 7.127161° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

- 22** *Silene acaulis* (L.) Jacq.  
Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.
- 23** *Silene latifolia* Britten & Rendle  
Norway: Rogaland, Klepp, Revtingen, 1 - 3 m, 58.754789° N | 5.498539° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 24** *Silene nutans* L.  
Norway: Rogaland, Hå, Brusand, 2 - 3 m, 58.532694° N | 5.763889° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 25** *Silene rupestris* L.  
Norway: Hordaland, Stord, Ådlandvannet, 0 m, 59.8003° N | 5.488369° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 26** *Silene vulgaris* (Moench) Garcke  
Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

#### Celastraceae

- 27** *Parnassia palustris* L.  
Norway: Rogaland, Hå, Brusand, 2 - 3 m, 58.532694° N | 5.763889° E (WGS84). 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

#### Cornaceae

- 28** *Cornus suecica* L.  
Norway: Hordaland, Kvam, Røykskarv, 628 m, 60.398947° N | 6.093814° E (WGS84). 2017-09-22. B.Oma. Prov: Wild. Det. by comparison.

#### Crassulaceae

- 29** *Sedum anglicum* Huds.  
Norway: Hordaland, Askøy, Fromeide, 50 m, 60.503978° N | 5.066406° E (WGS84). 2017-10-18. B.Moe. Prov: Wild. Det. by a taxonomist.
- 30** *Sedum roseum* Steven  
Norway: Hordaland, Eidfjord, Måbødalen, 300 - 400 m, 60.422767° N | 7.206867° E (WGS84). 2017-10-22. B.Moe. Prov: Wild. Det. by a taxonomist.
- 31** *Sedum roseum* Steven  
Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

#### Cyperaceae

- 32** *Carex atrata* L.  
Norway: Sogn og Fjordane, Aurland, Klevagjelet, 915 - 980 m, 60.724689° N | 7.207481° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 33** *Carex diandra* Schrank  
Norway: Hordaland, Stord, Tveitavatnet, 37 m, 59.772470° N | 005.476333° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Det. by a taxonomist.

- 34** *Carex lasiocarpa* Ehrh.  
Norway: Hordaland, Os, Strøno, Nordstrøno, 60.1704° N | 05.3434° E (WGS84). 2016-09-13.  
B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.
- 35** *Carex paleacea* Schreb. ex Wahlenb.  
Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13.  
B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.
- 36** *Carex pauciflora* Lightf.  
Norway: Hordaland, Vaksdal, Dale, Holeberg, 691 - 710 m, 60.542294° N | 6.078111° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.
- 37** *Eriophorum scheuchzéri* Hoppe  
Norway: Hordaland, Eidfjord, Sysendalen, 990 m, 60.3857° N | 7.3930° E (WGS84). 2017-10-  
22. B.Moe. Prov: Wild. Det. by a taxonomist.

#### Droseraceae

- 38** *Drosera rotundifolia* L.  
Norway: Hordaland, Stord, Tveitavatnet, 37 m, 59.772470° N | 005.476333° E (WGS84). 2017-  
09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a  
taxonomist.

#### Ericaceae

- 39** *Andromeda polifolia* L.  
Norway: Hordaland, Vaksdal, Dale, Holeberg, 691 - 710 m, 60.542294° N | 6.078111° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.
- 40** *Arctous alpina* (L.) Nied.  
Norway: Hordaland, Eidfjord, Isdalen, Kleivafjellet, 900 - 1100 m, 60.459917° N | 7.334056° E  
(WGS84). 2017-09-17. B.Moe. Prov: Wild. Det. by a taxonomist.
- 41** *Empetrum nigrum* L.  
Norway: Hordaland, Voss, Hamlagrø, North of the lake., 600 m, 60.554257° N | 6.141997° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.
- 42** *Empetrum nigrum* L.  
Norway: Hordaland, Kvam, Fjellkleivi, 765 m, 60.398925° N | 6.09915° E (WGS84). 2017-09-  
22. B.Oma. Prov: Wild. Det. by comparison.
- 43** *Empetrum nigrum* L. subsp. *hermaphroditum* (Hagerup) Bøcher  
Norway: Sogn og Fjordane, Aurland, below Myrdal, 860 m, 60.739603° N | 7.121678° E  
(WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a  
taxonomist.
- 44** *Erica cinerea* L.  
Norway: Hordaland, Fjell, Eide, 41 m, 60.385484° N | 4.978341° E (WGS84). 2017-10-18.  
A.H.Søyland. Prov: Wild. Det. by comparison.
- 45** *Loiseleuria procumbens* (L.) Desv.  
Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84).  
2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.
- 46** *Orthilia secunda* (L.) House  
Norway: Hordaland, Bergen, Indre Sædal, 330 - 370 m, 60.357001° N | 5.399336° E (WGS84).  
2017-10-29. B.Moe. Prov: Wild. Det. by a taxonomist.

- 47 *Orthilia secunda* (L.) House**  
Norway: Hordaland, Eidfjord, Måbødalen, 300 - 400 m, 60.422767° N | 7.206867° E (WGS84).  
2017-10-22. B.Moe. Prov: Wild. Det. by a taxonomist.
- 48 *Phyllodoce caerulea* (L.) Bab.**  
Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84).  
2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.
- 49 *Rhododendron tomentosum* Harmaja**  
Norway: Hedmark, Kongsvinger, Austmarka, 222 m, 60.1003954° N | 12.3449968° E (WGS84).  
2017-10-09. A.H.Sjølynd. Prov: Wild. Det. by comparison.
- 50 *Vaccinium myrtillus* L.**  
Norway: Hordaland, Voss, Hamlagrø, North of the lake., 600 m, 60.554257° N | 6.141997° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.
- 51 *Vaccinium uliginosum* L.**  
Norway: Hordaland, Voss, Hamlagrø, North of the lake., 600 m, 60.554257° N | 6.141997° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.
- 52 *Vaccinium vitis-idaea* L.**  
Norway: Hordaland, Voss, Hamlagrø, North of the lake., 600 m, 60.554257° N | 6.141997° E  
(WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a  
taxonomist.

#### Fabaceae

- 53 *Lathyrus japonicus* subsp. *maritimus***  
Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84).  
2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a  
taxonomist.
- 54 *Lathyrus sylvestris* L.**  
Norway: Rogaland, Hå, Nyland, 12 m, 58.509616° N | 005.803186° E (WGS84). 2017-09-07.  
H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

#### Geraniaceae

- 55 *Geranium sanguineum* L.**  
Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84).  
2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a  
taxonomist.

#### Iridaceae

- 56 *Crocus vernus* (L.) Hill.**  
Norway: Hordaland, Bergen, Fana Folkehøgskule, 30 m, 60.251711° N | 05.269092° E  
(WGS84). 2017-06-30. T.Pousi. Prov: Garden - wild origin. Det. by comparison.

#### Juncaceae

- 57 *Juncus castaneus* [Clairv.]**  
Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m, 60.465597° N | 7.294544° E  
(WGS84). 2016-10-05. D.Kennedy, E.J.Melstokkå, B.Moe, S.Ystaas. Prov: Wild. Det. by a  
taxonomist.

**58 *Luzula spicata* (L.) DC.**

Norway: Sogn og Fjordane, Aurland, south of Reinungavatnet, 775 m, 60.734992° N | 7.157175° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Juncaginaceae**

**59 *Triglochin palustris* Schousb.**

Norway: Hordaland, Os, Ulven, Ulvenvatnet, 60.1977° N | 05.4301° E (WGS84). 2016-09-13. B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.

**Linaceae**

**60 *Linum catharticum* L.**

Norway: Hordaland, Stord, Ådlandvannet, 0 m, 59.8003° N | 5.488369° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**61 *Linum catharticum* L.**

Norway: Rogaland, Karmøy, Vikrasanden, Sandve, 1 m, 59.176850° N | 005.189048° E (WGS84). 2017-09-05. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Myricaceae**

**62 *Myrica gale* L.**

Norway: Hordaland, Stord, Tveitavatnet, 37 m, 59.772470° N | 005.476333° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Nartheciaceae**

**63 *Narthecium ossifragum* Huds.**

Norway: Hordaland, Askøy, Fromeide, 50 m, 60.503978° N | 5.066406° E (WGS84). 2017-10-18. B.Moe. Prov: Wild. Det. by a taxonomist.

**Nymphaeaceae**

**64 *Nuphar lutea* (L.) Sm.**

Norway: Hordaland, Stord, Ådlandvannet, 0 m, 59.8003° N | 5.488369° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Orobanchaceae**

**65 *Rhinanthus minor* L.**

Norway: Sogn og Fjordane, Aurland, southwest side of Reinungavatnet, 770 m, 60.737144° N | 7.149158° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Plantaginaceae**

**66 *Veronica alpina* Georgi**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.



**67 *Veronica fruticans* Jacq.**

Norway: Sogn og Fjordane, Aurland, Klevagjelet, 915 - 980 m, 60.724689° N | 7.207481° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Poaceae**

**68 *Cynosurus cristatus* L.**

Norway: Rogaland, Rennesøy, Helland, 41 - 82 m, 59.100628° N | 5.671919° E (WGS84). 2017-09-06. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**69 *Phleum alpinum* L.**

Norway: Sogn og Fjordane, Aurland, road between Myrdal and Vatnahalsen, 765 - 900 m, 60.740372° N | 7.124153° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Ranunculaceae**

**70 *Aconitum septentrionale* Koelle**

Norway: Sogn og Fjordane, Aurland, southwest side of Reinungavatnet, 770 m, 60.737144° N | 7.149158° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**71 *Ranunculus platanifolius* L.**

Norway: Sogn og Fjordane, Aurland, southwest side of Reinungavatnet, 770 m, 60.737144° N | 7.149158° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**Rosaceae**

**72 *Agrimonia eupatoria* L.**

Norway: Oslo, Oslo, Hovedøya, 59.8951° N | 10.7296° E (WGS84). 2016-09-01. P.H.Salvesen. Prov: Wild. Det. by a taxonomist.

**73 *Comarum palustre* L.**

Norway: Hordaland, Stord, Tveitavatnet, 37 m, 59.772470° N | 005.476333° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**74 *Dryas octopetala* L.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**75 *Geum urbanum* A.Gray**

Norway: Hordaland, Os, Røtinga, 60.1397° N | 05.3699° E (WGS84). 2016-09-13. B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.

**76 *Rubus chamaemorus* L.**

Norway: Hordaland, Eidfjord, Isalen, Vetle Ishaug, 850 - 1050 m, 60.463889° N | 7.256139° E (WGS84). 2017-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.

**77 *Sanguisorba officinalis* L.**

Norway: Rogaland, Karmøy, Sandvesanden, 1 m, 59.171441° N | 005.197086° E (WGS84). 2017-09-04. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**78 *Sibbaldia procumbens* L.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**79 *Sorbus aucuparia* L.**

Norway: Hordaland, Vaksdal, Dale, Holeberg, 691 - 710 m, 60.542294° N | 6.078111° E (WGS84). 2017-10-05. A.H.Abaz, H.L.Andersen, T.Eriksson, N.Persson. Prov: Wild. Det. by a taxonomist.

**Salicaceae**

**80 *Salix glauca* L.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**81 *Salix herbacea* L.**

Norway: Hordaland, Eidfjord, S of Svornosvatnet, 1100 m, 60.4731° N | 7.2756° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**82 *Salix reticulata* L.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**Saxifragaceae**

**83 *Saxifraga aizoides* L.**

Norway: Hordaland, Eidfjord, S of Svornosvatnet, 1100 m, 60.4731° N | 7.2756° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**84 *Saxifraga aizoides* L.**

Norway: Hordaland, Kvam, Steinskvannsdalsvegen, 515 m, 60.386° N | 6.008092° E (WGS84). 2017-09-24. B.Oma. Prov: Wild. Det. by comparison.

**85 *Saxifraga cespitosa* Scop.**

Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

**86 *Saxifraga cotyledon* L.**

Norway: Sogn og Fjordane, Aurland, from Reingungavatnet to Kleivagjelet, 775 - 975 m, 60.730675° N | 7.186175° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**87 *Saxifraga cotyledon* L.**

Norway: Hordaland, Eidfjord, Måbødalen, 300 - 400 m, 60.422767° N | 7.206867° E (WGS84). 2017-10-22. B.Moe. Prov: Wild. Det. by a taxonomist.

**88 *Saxifraga oppositifolia* L.**

Norway: Sogn og Fjordane, Aurland, from Seltuft to Kleivagjelet, 850 - 950 m, 60.728831° N | 7.20265° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

**89 *Saxifraga stellaris* L.**

Norway: Sogn og Fjordane, Aurland, from Myrdal to Kleivagjelet, 885 - 925 m, 60.733192° N | 7.170681° E (WGS84). 2016-09-20. H.L.Andersen, T.Eriksson, A.Kurz, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

### Scrophulariaceae

- 90 ***Digitalis purpurea* L.**  
Norway: Rogaland, Rennesøy, Helland, 41 - 82 m, 59.100628° N | 5.671919° E (WGS84). 2017-09-06. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 91 ***Scrophularia nodosa* L.**  
Norway: Hordaland, Os, Røtinga, 60.1413° N | 05.3751° E (WGS84). 2016-09-13. B.Moe, S.Reimann. Prov: Wild. Det. by a taxonomist.

### Tofieldiaceae

- 92 ***Tofieldia pusilla* Pers.**  
Norway: Hordaland, Eidfjord, Isdalen, 850 - 1180 m, 60.464406° N | 7.291239° E (WGS84). 2017-10-21. B.Moe. Prov: Wild. Det. by a taxonomist.

### Typhaceae

- 93 ***Typha latifolia* L.**  
Norway: Rogaland, Karmøy, Vikrasanden, Sandve, 1 m, 59.176850° N | 005.189048° E (WGS84). 2017-09-05. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

## Part 2

### Collected in the Arboretum

---

Seeds result from open pollination

### Alstroemeriaceae

- 94 ***Alstroemeria aurea* Graham**  
2017-09-18. Acc: W-2000.1314, ARG: Tierra del Fuego Province, Ushuaia. Ingjerd og Tor Høie. Det. by a taxonomist.

### Araliaceae

- 95 ***Aralia cordata* Thunb. var. *sachalinensis* (Regel) Nakai**  
2017-09-18. Acc: W-1978.0276, RUS: Sakhalin Oblast, Island Sakhalin. Det. by a taxonomist.
- 96 ***Aralia elata* (Miq.) Seem.**  
2017-11-06. Acc: W-1977.1513, JPN: Honshu, Tateyama, 1100 m. F. G. Christensen. Det. by a taxonomist.

### Asteraceae

- 97 ***Chilotrimum diffusum* (G.Forst.) Kuntze**  
2017-08-16. Acc: W-2000.1003, CHL: Capitan Prat, Aysén, Cordón de Villa O'Higgins N of Rio Mosco, 700 m. 2000-02-04. Per Harald Salvesen. Det. by a taxonomist.
- 98 ***Chilotrimum rosmarinifolium* Less.**  
2017-08-16. Acc: W-2000.0730, CHL: Los Lagos, Palena, Cerro Sin Fin above Futaleufú, 1100 m, 43° 10' S | 071° 51' W. 2000-02-15. Per Harald Salvesen & Brynjulv Litlere. Det. by a taxonomist.

### Betulaceae

- 99 ***Betula lenta* L.**  
2017-11-06. Acc: W-1986.0111, USA: North Carolina, Henderson County, Vicinity of Mt. Pisgah, 1402 m. 1985. Det. by a taxonomic specialist.

### Celastraceae

- 100 ***Euonymus macropterus* Rupr.**  
2017-08-28. Acc: W-1979.0042, JPN: Hokkaido Prefecture. 1976. Magne Sandvik. Det. by a taxonomist.
- 101 ***Euonymus sachalinensis* Maxim.**  
2017-09-21. Acc: W-1983.0036, KOR: Mt. Jiri. 1982. Det. by a taxonomist.
- 102 ***Maytenus disticha* (Hook.f.) Urban**  
2017-08-29. Acc: W-2000.0619, CHL: Aysén, Coihaique, SE of Villa La Tapera, 880 m, 44° 39' S | 071° 38' W. 2000-02-11. Per Harald Salvesen & Brynjulv Litlere. Det. by a taxonomist.
- 103 ***Tripterygium wilfordii* Hook.f.**  
2017-10-23. Acc: W-1977.2230, KOR: Kyebang-san, Taegi-san, S-slope, 850 m, 37° 35' N - 128° 18' E. 1976-09-10. Nordisk Arboret Utvalg (NAU). Det. by a taxonomist.

### Cercidiphyllaceae

- 104 ***Cercidiphyllum magnificum* Nakai**  
2017-10-23. Acc: W-1977.1183, JPN: Honshu, Nikko, 2000 m, 36° 47' N - 139° 28' E. Rune Bengtsson. Det. by a taxonomist.

### Cornaceae

- 105 ***Cornus controversa* Hemsl.**  
2015-10-19. Acc: W-1979.0044, JPN: Honshu, Daisen, 900 m. 1976. Magne Sandvik. Det. by a taxonomist.

### Ericaceae

- 106 ***Enkianthus campanulatus* (Miq.) G.Nicholson var. *longilobus* (Nakai) Makino**  
2017-11-06. Acc: W-1977.1564, JPN: Kyushu, Hikosan, 1000 m. F. G. Christensen. Det. by a taxonomist.

- 107 *Enkianthus cernuus* (Siebold & Zucc.) Makino f. *rubens* (Maxim.) Ohwi**  
2017-10-30. Acc: W-1977.1356, JPN: Honshu, Odaigahara, 1200 m. Rune Bengtsson.  
Det. by a taxonomist.
- 108 *Leucothoë grayana* Maxim.**  
2017-11-06. Acc: W-1977.1804, JPN: Hokkaido Prefecture, Dairoku, 1400 m. Magne Sandvik. Det. by a taxonomist.
- 109 *Rhododendron albrechtii* Maxim.**  
2017-10-09. Acc: W-1977.1246, JPN: Honshu, Tateyama, 1600 m. Rune Bengtsson.  
Det. by a taxonomist.
- 110 *Rhododendron mucronulatum* Turcz.**  
2017-12-11. Acc: W-1979.0126, KOR: Jejudo, Jeju Island, Mt. Halla, W-slopes towards  
& including top, 1930 m, 33° 22' N | 126° 31' E. 1976-09-28. Nordisk Arboret Utvalg  
(NAU). Det. by a taxonomist.
- 111 *Rhododendron nipponicum* Matsum.**  
2017-10-30. Acc: W-1977.1878, JPN: Honshu, Tateyama, 1200 m. Magne Sandvik. Det.  
by a taxonomist.
- 112 *Rhododendron quinquefolium* Bisset & S.Moore**  
2017-10-30. Acc: W-1979.0041, JPN: Honshu, Odaigahara, 1400 m. 1976. Magne  
Sandvik. Det. by a taxonomist.
- 113 *Rhododendron schlippenbachii* Maxim.**  
2017-12-11. Acc: W-1979.0129, KOR: Kyebang-san, Odae-san, S slope, 900 m, 37° 47'  
N - 128° 34' E. 1976-09-09. Nordisk Arboret Utvalg (NAU). Det. by a taxonomist.
- 114 *Rhododendron vaseyi* A.Gray**  
2017-10-30. Acc: G-1972.1647. Det. by a taxonomist.
- 115 *Therorhodium camtschaticum* (Pall.) Small**  
2017-08-16. Acc: G-2000.1396. Det. by a taxonomist.
- 116 *Vaccinium koreanum* Nakai**  
2017-08-15. Acc: W-1979.0139, KOR: Seorak-san, top of Seolak-san (Dae-cheong-  
bong), 1700 m, 38°07' N - 128°29' E. 1976-09-05. Nordisk Arboret Utvalg (NAU). Det.  
by a taxonomist.

#### Hamamelidaceae

- 117 *Hamamelis japonica* Siebold & Zucc.**  
2017-10-09. Acc: W-1977.1871, JPN: Honshu, Tateyama, 1500 - 1700 m. Magne  
Sandvik. Det. by a taxonomist.

#### Juglandaceae

- 118 *Pterocarya rhoifolia* Siebold & Zucc.**  
2017-09-25. Acc: W-1972.1136, JPN: Akita Prefecture, Oirase. 1960. Murai. Det. by a  
taxonomist.

### Magnoliaceae

**119 *Magnolia sieboldii* K.Koch**

2017-10-03. Acc: W-1977.1419, JPN: Honshu, Akasawa, 1100 m. F. G. Christensen.  
Det. by a taxonomist.

### Plantaginaceae

**120 *Veronicastrum sibiricum* (L.) Pennell**

2017-09-29. Acc: W-1991.0309, JPN: Nagano Prefecture, Chubu Region, Azumi Village, Abo-toge. Det. by a taxonomist.

### Rosaceae

**121 *Sorbus albovii* Zinserl.**

2016-09-26. Acc: W-1994.0216, RUS: Adygeya, Caucasus, mons Abago, flora localis, 43.9056 x 40.1533. 1979. Det. by a taxonomic specialist.

**122 *Sorbus bissetii* McAll.**

2015-10-12. Acc: Z-1991.1594, CHN: Sichuan Province, Kulu, Muli, 3200 m. T. T. Yu.  
Det. by a taxonomist.

**123 *Sorbus eburnea* McAll.**

2016-09-29. Acc: Z-1991.1579, CHN: Sikang, Kangting, Yulinkong, 3000 m. 1934-10-17.  
Harry Smith. Det. by a taxonomist.

**124 *Sorbus foliolosa* Spach**

2016-09-29. Acc: Z-1996.0094, NPL: Bimtakothi, Moraine and rocky hillsides, 3100 m, 28° 38' N | 84° 27' E. 1950-08-27. C. D. Lowndes. Det. by a taxonomist.

**125 *Sorbus forrestii* McAll. & Gillham**

2015-10-13. Acc: Z-1992.0827, CHN: Yunnan Province, Beima Shan, 3048 m. George Forrest. Det. by a taxonomist.

**126 *Sorbus frutescens* McAll.**

2017-09-18. Acc: Z-1991.1607, CHN: Qinghai Province, Quinghai Hu (Kokonor), Koko Gorge. Joseph F. Rock. Det. by a taxonomist.

**127 *Sorbus glabriuscula* McAll.**

2015-10-20. Acc: Z-1991.1589, CHN: Yunnan Province, halfway up Songgui Mountain (Sung Kuei), 26° 30' N | 100° 10' E. McLaren. Det. by a taxonomist.

**128 *Sorbus gonggashanica* McAll.**

2016-09-29. Acc: Z-1991.1573, CHN: Sichuan Province, Liuba, Gongga Shan, (Minya Kanka) Liuba. 1981-09. Lancaster. Det. by a taxonomist.

**129 *Sorbus himalaica* Gabrieljan**

2017-09-18. Acc: Z-1991.1613, NPL: Annapurna, Lamjung Himal, 3900 m. Det. by a taxonomist.

**130 *Sorbus muliensis* McAll.**

2016-10-31. Acc: Z-1985.0213, CHN: Sichuan Province, SW-Sichuan. Mts. SE of Muli, 3000 - 3300 m. George Forrest. Det. by a taxonomist.

**131 *Sorbus munda* Koehne**

2016-09-26. Acc: Z-1991.1591, CHN: Sichuan Province, W-Sichuan, Pan-lan-shan, west of Kwan Hsien, 2600 - 3000 m. Det. by a taxonomist.

**132 *Sorbus pseudovilmorinii* McAll.**

2016-10-03. Acc: Z-1991.1632, CHN: Yunnan Province, Cangshan. Det. by a taxonomist.

**133 *Sorbus sambucifolia* (Cham. & Schltld.) M.Roem.**

2017-08-21. Acc: W-1977.1851, JPN: Hokkaido Prefecture, Ichimai-dake, 200 m, 42° 02' N - 143° 10' E. 1976. Magne Sandvik. Det. by a taxonomist.

**134 *Sorbus* sp. [*aff. microphylla*]**

2016-09-29. Acc: Z-1996.0102, NPL: Langtang Valley, 3962 m. 1996. Schilling, Sayers & Bista. Det. by a taxonomist.

**135 *Sorbus tenuis* McAll.**

2016-09-29. Acc: Z-1991.1627, CHN: Yunnan Province, Kangting District, Cheto La, 3900 m. Harry Smith. Det. by a taxonomist.

**136 *Sorbus wilmottiana* E.F.Warburg**

2015-10-12. Acc: Z-1991.1569, GBR: Avon, Avon Gorge. Det. by a taxonomist.

**Rutaceae**

**137 *Phellodendron japonicum* Maxim.**

2017-12-11. Acc: W-1977.1895, JPN: Honshu, Tateyama, 1300 m. Magne Sandvik. Det. by a taxonomist.

**Sapindaceae**

**138 *Acer japonicum* Thunb.**

2017-10-02. Acc: W-1977.1817, JPN: Hokkaido Prefecture, Ashibetsu, 600 m. Magne Sandvik. Det. by a taxonomic specialist.

**139 *Acer micranthum* Siebold & Zucc.**

2017-10-23. Acc: W-1977.1971, JPN: Honshu, Odaigahara, 1300 m. 1976. Magne Sandvik. Det. by a taxonomic specialist.

**140 *Acer shirasawanum* Koidz.**

2017-10-02. Acc: W-1977.1166, JPN: Honshu, Nikko, 1400 m. Rune Bengtsson. Det. by a taxonomic specialist.

**141 *Acer tschonoskii* Maxim. subsp. *australe* (Momot.) Kitam. & Murata**

2017-10-09. Acc: W-1977.1854, JPN: Shikoku, Kamegamori, 1500 m. Magne Sandvik. Det. by a taxonomic specialist.

**Symplocaceae**

**142 *Symplocos coreana* (H.Lév.) Ohwi**

2017-09-18. Acc: W-1977.1908, JPN: Honshu, Daisen, 1425 - 1600 m, 35,791083 - 137,927856. Magne Sandvik. Det. by a taxonomist.

**Theaceae**

**143 *Stewartia pseudocamellia* Maxim.**

2017-12-01. Acc: G-1975.0807. Det. by a taxonomist.

**Trochodendraceae**

**144 *Trochodendron aralioides* Siebold & Zucc.**

2017-12-11. Acc: W-1977.1332, JPN: Kyushu, Hikosan, 1200 m. Rune Bengtsson. Det. by a taxonomist.