



UNIVERSITY OF BERGEN
Arboretum and Botanical Garden

Index Seminum
2017



Arboretum and Botanical Gardens
University of Bergen
Norway

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Nomenclature

The nomenclature in the Index Seminum is mainly based on:

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

Desiderata

Orders can be placed online, by mail and e-mail until 1st March 2017.

Online: <http://www.uib.no/arboretet/plantesamlingene/froliste-index-seminum>

E-mail: post@arboretet.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
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

Part 1

Collected from spontaneous plants

Seeds from wild or naturalized plants

Amaranthaceae

1 *Atriplex prostrata* Boucher ex DC.

Norway: Hordaland, Askøy, Herdla, Vestrefjæra, pebble beach, 60.56247° N | 04.95627° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Apiaceae

2 *Angelica archangelica* L.

Norway: Sogn og Fjordane, Aurland, southwest side of Reinungavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

3 *Ligusticum scoticum* L.

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

Asparagaceae

4 *Maianthemum bifolium* (L.) F.W.Schmidt

Norway: Hordaland, Bergen, Milde, Korsdalane, 30 m, 60.260212° N | 05.272236° E (WGS84). 2016-10-04. Terhi Pousi.

Asteraceae

5 *Antennaria dioica* (L.) Gaertn.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

6 *Centaurea nigra* Lam.

Norway: Hordaland, Askøy, Herdla, Små Kalsøyeni, quarry by the pier on the north side, 60.57022° N | 04.95576° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

7 *Centaurea nigra* Lam.

Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

8 *Centaurea scabiosa* L.

Norway: Hordaland, Eidfjord, Måbødalen, Måbø, 230 - 330 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

9 *Gnaphalium sylvaticum* L.

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

10 *Hypochoeris radicata* L.

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

11 *Omalothea norvegica* (Gunnerus) Sch.Bip. & F.W.Sch

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Myrdal Station, northwest of the railway, floodplain by the river Myrdøla, 832 m, 60.73833° N | 07.12120° E (WGS84). 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

12 *Omalothea norvegica* (Gunnerus) Sch.Bip. & F.W.Sch

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

13 *Omalothea supina* (L.) DC.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

14 *Saussurea alpina* DC.

Norway: Sogn og Fjordane, Aurland, from Seltuft to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

15 *Solidago virgaurea* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

16 *Tripolium pannonicum* (Jacq.) Dobrocz.

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

Betulaceae

17 *Betula nana* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

18 *Betula nana* L.

Norway: Sogn og Fjordane, Aurland, westside of Seltuftvatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Brassicaceae

19 *Arabidopsis petraea* (L.) Kolník & Marhold

Norway: Møre og Romsdal, Vanylven, Almklovdalen, Sloka. Old olivine outlet, olivine sand, 62.01382° N | 05.62703° E (WGS84). 2015-08-12. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

20 *Arabis alpina* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Seltuft, northeastfacing slope, 873 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

21 *Arabis alpina* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

22 *Cochlearia officinalis* L.

Norway: Møre og Romsdal, Volda, Folkestad ferry quay, by the boathouse. 2015-08-12. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

Campanulaceae

23 *Campanula rotundifolia* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Caprifoliaceae

24 *Succisa pratensis* Moench

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

25 *Succisa pratensis* Moench

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

26 *Valeriana sambucifolia* Mikan f.

Norway: Sogn og Fjordane, Aurland, southwest side of Reiningavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Caryophyllaceae

27 *Honckenya peploides* (L.) Ehrh.

Norway: Sogn og Fjordane, Selje, Ervika, sand dunes. 2015-08-11. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

28 *Lychnis flos-cuculi* L.

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

29 *Sagina saginoides* (L.) H.Karst.

Norway: Hordaland, Eidfjord, Isdalen, 860 m, 60.4621° N | 07.3140° E (WGS84). 2015-09-06. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

30 *Silene acaulis* (L.) Jacq.

Norway: Sogn og Fjordane, Aurland, on mountain ledges between Myrdal and Vatnahalsen. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

31 *Silene rupestris* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

32 *Silene suecica* (Lodd.) Greuter & Burdet

Norway: Møre og Romsdal, Volda, Nordre Bjørkedalen. By Nørdalsvegen, between the farms Torgarden and Holmevk, northwest of the path. Southwestfacing slope on olivine. 2015-08-11. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

33 *Silene vulgaris* (Moench) Garcke

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Myrdal Station, northwest of the railway, floodplain by the river Myrdøla, 832 m, 60.73833° N | 07.12120° E (WGS84). 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

Celastraceae

34 *Parnassia palustris* L.

Norway: Hordaland, Bømlo, Eidesvik, seepage marsh northwest of Ternahaugen, 6 m, 59.59452° N | 05.17941° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

35 *Parnassia palustris* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Cornaceae

36 *Cornus suecica* L.

Norway: Sogn og Fjordane, Aurland, from Myrdal to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Crassulaceae

37 *Sedum annuum* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

38 *Sedum roseum* Steven

Norway: Sogn og Fjordane, Aurland, from Reinungavatnet to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Cyperaceae

39 *Carex atrata* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

40 *Carex binervis* Wahlenb. ex Kunth

Norway: Hordaland, Bømlo, Eidesvik, meadow along the creek west of Ternahaugen, 3 - 7 m, 59.59390° N | 05.17495° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

41 *Carex brunnescens* (Pers.) Poir.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Løken, eastfacing slope, 767 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

42 *Carex capillaris* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Moldåni, east of the small bridge, 829 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

43 *Carex flacca* Schreb.

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

44 *Carex hostiana* DC.

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

45 *Carex lasiocarpa* Ehrh.

Norway: Hordaland, Os, Strøno, Nordstrøno, 60.1704° N | 05.3434° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

46 *Carex limosa* L.

Norway: Hordaland, Eidfjord, Isdalen, 850 m, 60.4567° N | 07.3016° E (WGS84). 2015-09-06. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

47 *Carex magellanica* subsp. *irrigua* (Wahlenb.) Hiiton

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Løken, eastfacing slope, 767 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

48 *Carex norvegica* Retz. subsp. *norvegica*

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

49 *Carex otrubae*

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

50 *Carex paleacea* Schreb. ex Wahlenb.

Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

51 *Carex pallescens* L.

Norway: Møre og Romsdal, Ørsta, Bjørnabakken by Standalshytta, mountain birch forest. 2015-08-13. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

52 *Carex pauciflora* Lightf.

Norway: Møre og Romsdal, Ørsta, Bjørnabakken by Standalshytta, mountain birch forest, 62.25474° N | 06.35067° E (WGS84). 2015-08-13. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

53 *Carex pilulifera* L.

Norway: Møre og Romsdal, Ørsta, Bjørnabakken by Standalshytta, mountain birch forest. 2015-08-13. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

54 *Carex remota* L.

Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

55 *Eriophorum scheuchzéri* Hoppe

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

56 *Scirpus sylvaticus* L.

Norway: Hordaland, Os, Nore Neset, 60.1828° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

Droseraceae

57 *Drosera rotundifolia* L.

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

Ericaceae

58 *Arctous alpina* (L.) Nied.

Norway: Hordaland, Eidfjord, Isdalstromma, 1050 m, 60.44410° N | 07.3100° E (WGS84). 2015-09-18. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

59 *Arctous alpina* (L.) Nied.

Norway: Sogn og Fjordane, Aurland, from Myrdal to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

60 *Empetrum nigrum* L. subsp. *hermaphroditum* (Hagerup) Bøcher

Norway: Sogn og Fjordane, Aurland, below Myrdal. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

61 *Erica cinerea* L.

Norway: Hordaland, Bømlo, Eidesvik, rock towards the sea southwest of Ternahaugen, 3 - 5 m, 59.59376° N | 05.18082° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

62 *Harrimanella hypnoides* (L.) Coville

Norway: Hordaland, Eidfjord, Grytehogi, 1210 m, 60.4205° N | 07.3033° E (WGS84). 2015-10-10. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

63 *Loiseleuria procumbens* (L.) Desv.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

64 *Phyllodoce caerulea* (L.) Bab.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

65 *Pyrola minor* Gilib. ex DC.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Bakli, by the railway tracks, 822 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

66 *Pyrola minor* Gilib. ex DC.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

67 *Vaccinium myrtillus* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

68 *Vaccinium vitis-idaea* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Fabaceae

69 *Lotus corniculatus* L.

Norway: Hordaland, Askøy, Herdla, Vestrefjæra, edge of moraine, towards the beach, 60.56360° N | 04.95331° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Geraniaceae

70 *Geranium columbinum* L.

Norway: Hordaland, Askøy, Herdla, Små Kalsøyeni, quarry by the pier on the north side, 60.57022° N | 04.95576° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Hypericaceae

71 *Hypericum pulchrum* L.

Norway: Hordaland, Bømlo, Eidesvik, on the northwest side of Ternahaugen, slate rock below overhang, 5 m, 59.59471° N | 05.17978° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

Iridaceae

72 *Crocus vernus* (L.) Hill.

Norway: Hordaland, Bergen, Fana Folkehøgskule, 30 m, 60.251711° N | 05.269092° E (WGS84). 2016-06-24. Terhi Pousi.

Juncaceae

73 *Juncus castaneus* [Clairv.]

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

74 *Luzula spicata* (L.) DC.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, by Seltuftvatnet, eastfacing slope, 770 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

75 *Luzula spicata* (L.) DC.

Norway: Sogn og Fjordane, Aurland, south of Reiningavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Juncaginaceae

76 *Triglochin maritima* L.

Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

77 *Triglochin palustris* Schousb.

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

Lamiaceae

78 *Clinopodium vulgare* L.

Norway: Hordaland, Eidfjord, Måbødalen, Måbø, 230 - 330 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Lentibulariaceae

79 *Pinguicula vulgaris* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Myricaceae

80 *Myrica gale* L.

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

Onagraceae

81 *Epilobium anagallidifolium* Lam.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Orobanchaceae

82 *Bartsia alpina* L.

Norway: Sogn og Fjordane, Aurland, from Seltuft to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

83 *Pedicularis palustris* L.

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

84 *Rhinanthus minor* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Seltuft, floodplain by Seltuftvatnet, 817 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

85 *Rhinanthus minor* L.

Norway: Sogn og Fjordane, Aurland, southwest side of Reiningvatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Papaveraceae

86 *Fumaria officinalis* L.

Norway: Sogn og Fjordane, Selje, Ervika, behind the beach ridge. 2015-08-11. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

Plantaginaceae

87 *Plantago lanceolata* L.

Norway: Hordaland, Lindås, Lygra, 30 m, 60.6953° N | 05.1078° E (WGS84). 2015-09-13. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

88 *Veronica fruticans* Jacq.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Poaceae

89 *Brachypodium sylvaticum* P.Beauv.

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

90 *Milium effusum* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Setregrovi, eastfacing slope, 767 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

91 *Phleum alpinum* L.

Norway: Sogn og Fjordane, Aurland, by the road between Myrdal and Vatnahalsen. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Polygonaceae

92 *Oxyria digyna* Hill

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, by Seltuftvatnet, eastfacing slope, 770 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

93 *Oxyria digyna* Hill

Norway: Sogn og Fjordane, Aurland, southside of Seltuftvatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Primulaceae

94 *Lysimachia maritima* (L.) Galasso, Banfi & Soldano

Norway: Hordaland, Askøy, Herdla, Laksevågen, by the shoreline, 60.57022° N | 04.95576° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

95 *Primula veris* L.

Norway: Sogn og Fjordane, Selje, Ervika, southwest side of bay in the cultural landscape. 2015-08-11. Heidi Lie Andersen, Solfrid Hjelmtveit, Bjørn Moe, Bodil Oma & Jenny Smedmark. Prov: Wild. Det. by a taxonomist.

Ranunculaceae

96 *Aconitum septentrionale* Koelle

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Myrdal Station, northwest of the railway, mountain meadow, 850 m, 60.73559° N | 07.12201° E (WGS84). 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

97 *Aconitum septentrionale* Koelle

Norway: Sogn og Fjordane, Aurland, southwest side of Reiningavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

98 *Ranunculus platanifolius* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Setregrovi, eastfacing slope, 767 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

99 *Ranunculus platanifolius* L.

Norway: Sogn og Fjordane, Aurland, southwest side of Reingungavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Rhamnaceae

100 *Frangula alnus* Mill.

Norway: Hordaland, Kvinnherad, east of Ølveshovda, 40 m. 2015-10-14. Gustav Flatabø, Bjørn Moe, Per Harald Salvesen & Reidun Samuelsen. Prov: Wild. Det. by a taxonomist.

Rosaceae

101 *Agrimonia eupatoria* L.

Norway: Oslo, Oslo, Hovedøya, 58.8951° N | 10.7296° E (WGS84). 2016-09-01. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

102 *Comarum palustre* L.

Norway: Hordaland, Askøy, Herdla, Små Kalsøyeni, swamp by small puddle towards Ytre Valen, 60.57953° N | 04.96879° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

103 *Comarum palustre* L.

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

104 *Dryas octopetala* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

105 *Dryas octopetala* L.

Norway: Hordaland, Os, Krånipa, 600 m, 60.4226° N | 05.6612° E (WGS84). 2016-09-07. Reidun Samuelsen. Prov: Wild. Det. by comparison.

106 *Filipendula ulmaria* (L.) Maxim.

Norway: Hordaland, Os, Storomsvågen, 60.1613° N | 05.4091° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

107 *Geum rivale* Bourg. ex Nyman

Norway: Hordaland, Eidfjord, Fossli, 730 m, 60.42560° N | 07.26130° E (WGS84). 2015-09-06. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

108 *Geum rivale* Bourg. ex Nyman

Norway: Sogn og Fjordane, Aurland, by the road between Myrdal and Vatnahalsen. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

109 *Geum urbanum*

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

110 *Rosa dumalis* Bechst.

Norway: Hordaland, Askøy, Herdla, Vestrefjæra, edge of moraine, towards the beach, 60.56247° N | 04.95627° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomic specialist.

111 *Rosa mollis* Sm.

Norway: Hordaland, Bømlo, Eidesvik, on the northwest side of Ternahaugen, slate rock below overhang, 5 m, 59.59471° N | 05.17978° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomic specialist.

112 *Rosa mollis* Sm.

Norway: Hordaland, Bømlo, Eidesvik, on the northwest side of Ternahaugen, slate rock below overhang, 5 m, 59.59471° N | 05.17978° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomic specialist.

113 *Rosa mollis* Sm.

Norway: Hordaland, Bømlo, Steinsvåg, 3 m, 59.73600° N | 05.22478° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomic specialist.

114 *Rosa mollis* Sm.

Norway: Hordaland, Askøy, Herdla, Vestrefjæra, by the beach, 60.56407° N | 04.95063° E (WGS84). 2015-09-30. Heidi Lie Andersen, Randi Danielsen, Siri Skretting Jansen, Maria Lima, Else Jorunn Melstokkå, Per Harald Salvesen & Svanhild Ystaas. Prov: Wild. Det. by a taxonomic specialist.

115 *Rubus chamaemorus* L.

Norway: Sogn og Fjordane, Aurland, westside of Seltuftvatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

116 *Rubus saxatilis* L.

Norway: Sogn og Fjordane, Aurland, southwest side of Reiningavatnet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

117 *Sanguisorba officinalis* L.

Norway: Hordaland, Bømlo, Eidesvik, meadow along the creek west of Ternahaugen, 3 - 7 m, 59.59390° N | 05.17495° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomist.

118 *Sibbaldia procumbens* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Myrdal Station, northwest of the railway, floodplain by the river Myrdøla, 832 m, 60.73833° N | 07.12120° E (WGS84). 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

119 *Sibbaldia procumbens* L.

Norway: Sogn og Fjordane, Aurland, by the river below Myrdal. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

120 *Sorbus meinichii* (Lindeb.) Hedl. var. *meinichii*

Norway: Hordaland, Bømlo, Langevåg, Eidesdalen, along Eidesvikvegen, 12 m, 59.59961° N | 05.19817° E (WGS84). 2015-09-26. Per Harald Salvesen. Prov: Wild. Det. by a taxonomic specialist.

Salicaceae

121 *Salix glauca* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

122 *Salix herbacea* L.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

123 *Salix reticulata* L.

Norway: Sogn og Fjordane, Aurland, Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Saxifragaceae

124 *Saxifraga aizoides* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Seltuft, northeastfacing slope, 873 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

125 *Saxifraga aizoides* L.

Norway: Sogn og Fjordane, Aurland, from Seltuft to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

126 *Saxifraga cotyledon* L.

Norway: Sogn og Fjordane, Aurland, from Reinungavatnet to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

127 *Saxifraga oppositifolia* L.

Norway: Sogn og Fjordane, Aurland, from Seltuft to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

128 *Saxifraga stellaris* L.

Norway: Sogn og Fjordane, Aurland, by Rallarvegen, Myrdalsberget, wet mountain slope, 796 m. 2015-10-06. Heidi Lie Andersen, Gustav Flatabø, Bjørn Moe, Harald Mæland, Bodil Oma & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

129 *Saxifraga stellaris* L.

Norway: Sogn og Fjordane, Aurland, from Myrdal to Kleivagjelet. 2016-09-20. Heidi Lie Andersen, Torsten Eriksson, Adam Kurz, Bjørn Moe & Bodil Oma. Prov: Wild. Det. by a taxonomist.

Scheuchzeriaceae

130 *Scheuchzeria palustris* L.

Norway: Hordaland, Osterøy, Herlandsnesjane, 160 m, 60.5529° N | 05.5910° E (WGS84). 2015-09-12. Bjørn Moe. Prov: Wild. Det. by a taxonomist.

Scrophulariaceae

131 *Digitalis purpurea* L.

Norway: Hordaland, Kvam, Byrkjesete, 500 m, 60.3803° N | 06.0352° E (WGS84). 2015-10-18. Bodil Oma. Prov: Wild. Det. by comparison.

132 *Scrophularia nodosa* L.

Norway: Hordaland, Os, Røtinga, 60.1413° N | 05.3751° E (WGS84). 2016-09-13. Bjørn Moe & Stefan Reimann. Prov: Wild. Det. by a taxonomist.

Tofieldiaceae

133 *Tofieldia pusilla* Pers.

Norway: Hordaland, Eidfjord, Isdalen, Svolnos, 850 - 1200 m. 2016-10-05. Deirdre Kennedy, Else Jorunn Melstokkå, Bjørn Moe & Svanhild Ystaas. Prov: Wild. Det. by a taxonomist.

Part 2

Collected in the Arboretum

Seeds result from open pollination

Alstroemeriaceae

134 *Alstroemeria aurea* Graham

2015-10-05. Acc: W-2000.1314, ARG: Tierra del Fuego Province, Ushuaia. Ingjerd og Tor Høie. Det. by a taxonomist.

Araliaceae

135 *Aralia cordata* Thunb. var. *sachalinensis* (Regel) Nakai

2015-10-06. Acc: W-1978.0276, RUS: Sakhalin Oblast, Island Sakhalin. Det. by a taxonomist.

Asteraceae

136 *Chilotrichum diffusum* (G.Forst.) Kuntze

2016-08-15. 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.

137 *Chilotrichum rosmarinifolium* Less.

2016-08-15. 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

138 *Betula lenta* L.

2016-11-17. Acc: W-1986.0111, USA: North Carolina, Henderson County, Vicinity of Mt. Pisgah, 1402 m. 1985. Det. by a taxonomic specialist.

Celastraceae

139 *Euonymus macropterus* Rupr.

2016-08-22. Acc: W-1979.0042, JPN: Hokkaido Prefecture. 1976. Magne Sandvik. Det. by a taxonomist.

140 *Euonymus sachalinensis* Maxim.

2015-10-19. Acc: W-1983.0036, KOR: Mt. Jiri. 1982. Det. by a taxonomist.

141 *Maytenus disticha* (Hook.f.) Urban

2015-08-24. 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. Recieved as/
Det. by breeder.

142 *Tripterygium wilfordii* Hook.f.

2016-10-31. 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

143 *Cercidiphyllum magnificum* Nakai

2016-10-17. Acc: W-1977.1183, JPN: Honshu, Nikko, 2000 m, 36° 47' N - 139° 28' E. Rune Bengtsson. Det. by a taxonomist.

Cornaceae

144 *Cornus controversa* Hemsl.

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

Ericaceae

145 *Enkianthus campanulatus* (Miq.) G.Nicholson var. *longilobus* (Nakai) Makino

2015-11-27. Acc: W-1977.1564, JPN: Kyushu, Hikosan, 1000 m. F. G. Christensen. Det. by a taxonomist.

146 *Enkianthus cernuus* (Siebold & Zucc.) Makino f. *rubens* (Maxim.) Ohwi

2016-10-10. Acc: W-1977.1356, JPN: Honshu, Odaigahara, 1200 m. Rune Bengtsson. Det. by a taxonomist.

147 *Leucothoë grayana* Maxim.

2016-12-19. Acc: W-1977.1804, JPN: Hokkaido Prefecture, Dairoku, 1400 m. Magne Sandvik. Det. by a taxonomist.

148 *Rhododendron albrechtii* Maxim.

2016-10-17. Acc: W-1977.1246, JPN: Honshu, Tateyama, 1600 m. Rune Bengtsson. Det. by a taxonomist.

149 *Rhododendron dauricum* L.

2013-11-04. Acc: W-1977.1810, JPN: Hokkaido Prefecture, Dairoku, 250 m, 43° 21' N - 142° 54' E. 1976. Magne Sandvik. Det. by a taxonomist.

150 *Rhododendron mucronulatum* Turcz.

2016-12-19. Acc: W-1979.0126, KOR: Jeju-do, 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.

151 *Rhododendron quinquefolium* Bisset & S.Moore

2016-12-19. Acc: W-1979.0041, JPN: Honshu, Odaigahara, 1400 m. 1976. Magne Sandvik. Det. by a taxonomist.

152 *Rhododendron schlippenbachii* Maxim.

2016-12-19. 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).

153 *Rhododendron vaseyi* A.Gray

2016-10-10. Acc: G-1972.1647. Det. by a taxonomist.

154 *Therorhodion camtschaticum* (Pall.) Small

2014-09-15. Acc: G-2000.1396. Det. by a taxonomist.

155 *Vaccinium koreanum* Nakai

2016-08-22. 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.

Gunneraceae

156 *Gunnera tinctoria* (Molina) Mirb.

2016-11-01. Acc: W-2000.0694, CHL: Los Lagos, Palena, pass N of Villa Sta. Lucia, 550 m, 43° 21' S | 072° 23' W. 2000-01-30. Per Harald Salvesen & Brynjulv Litlere. Det. by a taxonomist.

Hamamelidaceae

157 *Hamamelis japonica* Siebold & Zucc.

2015-11-26. Acc: W-1977.1871, JPN: Honshu, Tateyama, 1500 - 1700 m. Magne Sandvik. Det. by a taxonomist.

Juglandaceae

158 *Pterocarya rhoifolia* Siebold & Zucc.

2016-10-24. Acc: W-1972.1136, JPN: Akita Prefecture, Oirase. 1960. Murai. Det. by a taxonomist.

Magnoliaceae

159 *Magnolia salicifolia* Maxim.

2016-10-17. Acc: W-1977.1510, JPN: Honshu, Tateyama, 1100 m. F. G. Christensen. Det. by a taxonomist.

160 *Magnolia sieboldii* K.Koch

2016-10-17. Acc: W-1979.0141, KOR: Doekyu-san, NE-slope and top, 1500 m, 35° 51' N - 127° 45' E. 1976-09-18. Nordisk Arboret Utvalg (NAU). Det. by a taxonomist.

Plantaginaceae

161 *Veronicastrum sibiricum* (L.) Pennell

2016-10-03. Acc: W-1991.0309, JPN: Nagano Prefecture, Chubu Region, Azumi Village, Abo-toge. Det. by comparison.

Rosaceae

162 *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.

163 *Sorbus bissetii* McAll.

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

164 *Sorbus bissetii* McAll.

2015-10-12. Acc: Z-1991.1629, CHN: Xikang, Kuku-La. Corrected name.

165 *Sorbus buschiana* Zinserl.

2016-09-29. Acc: W-1992.1298, GEO: Chewi, Kazbegskii, Dariali canyon, ca. 3 km N. f. brua ml. Kergheti & Kazbegi (like før vegdelet til Sjdo). Urterik eng i bratt ØNØ-skråning med feit jord. UTM zone 38T, MN 7127., 1670 m. 1992-09-18. Per Harald Salvesen. Det. by a taxonomist.

166 *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.

167 *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.

168 *Sorbus forrestii* McAll. & Gillham

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

169 *Sorbus frutescens* McAll.

2016-09-26. Acc: Z-1991.1607, CHN: Qinghai Province, Qinghai Hu (Kokonor), Koko Gorge. Joseph F. Rock. Det. by a taxonomist.

170 *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. Recieved as/ Det. by breeder.

171 *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.

172 *Sorbus himalaica* Gabrieljan

2016-10-03. Acc: Z-1991.1613, NPL: Annapurna, Lamjung Himal, 3900 m. Det. by a taxonomist.

173 *Sorbus muliensis* McAll.

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

174 *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.

175 *Sorbus pseudovilmorinii* McAll.

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

176 *Sorbus sambucifolia* (Cham. & Schltl.) M.Roem.

2015-08-31. Acc: W-1977.1851, JPN: Hokkaido Prefecture, Ichimai-dake, 200 m, 42° 02' N - 143° 10' E. 1976. Magne Sandvik. Det. by a taxonomist.

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

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

178 *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.

179 *Sorbus wilmottiana* E.F.Warburg

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

Rutaceae

180 *Phellodendron japonicum* Maxim.

2016-12-19. Acc: W-1977.1895, JPN: Honshu, Tateyama, 1300 m. Magne Sandvik. Det. by a taxonomist.

Sapindaceae

181 *Acer japonicum* Thunb.

2016-10-10. Acc: W-1977.1817, JPN: Hokkaido Prefecture, Ashibetsu, 600 m. Magne Sandvik. Det. by a taxonomic specialist.

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

2016-10-10. Acc: W-1977.1854, JPN: Shikoku, Kamegamori, 1500 m. Magne Sandvik.
Det. by a taxonomic specialist.

Symplocaceae

183 *Symplocos coreana* (H.Lév.) Ohwi

2016-10-10. Acc: W-1977.1908, JPN: Honshu, Daisen, 1425 - 1600 m, 35,791083 -
137,927856. Magne Sandvik. Det. by a taxonomist.

Theaceae

184 *Stewartia pseudocamellia* Maxim.

2015-11-25. Acc: G-1975.0807. Det. by a taxonomist.

185 *Stewartia serrata* Maxim.

2015-11-20. Acc: W-1977.1190, JPN: Honshu, Fuji, 1600 m. Rune Bengtsson. Det. by a
taxonomist.

Trochodendraceae

186 *Trochodendron aralioides* Siebold & Zucc.

2016-12-19. Acc: W-1977.1332, JPN: Kyushu, Hikosan, 1200 m. Rune Bengtsson. Det.
by a taxonomist.

Part 3

Collected in the Museum Garden

Seeds result from open pollination

Rosaceae

187 *Sorbus meinichii* Hedl. 'Faegriana'

2015-10-06. Acc: This tree belongs to a supposedly apomictic form known only from a very limited area in Western Norway. A tree was collected in 1909 at Ånuglo, Tysnes municipaly by Jens Holmboe, and the tree which has produced the seeds presented here is from an offspring of the tree from 1909. Prov: Garden - wild origin. Det. by a taxonomist.