



UNIVERSITY OF BERGEN

Index Seminum 2020



Epilobium dodonaei from Uzice, Mokra gora, Serbia.
Photo (c) Michael David Pirie

**The University Gardens
University of Bergen
Norway**

The Bergen University Gardens' Index Seminum includes separate lists for spontaneous and garden-origin accessions. This year, we offer wild-collected seeds from different sites in Norway as well as a substantial number of seeds collected during an excursion to western and eastern Serbia in August/September 2019. A group from the Bergen University Gardens (Heidi Lie Andersen; Michael Pirie; Bjørn Moe; Mladen Golubovic) in collaboration with Predrag Lazarević (coordinator of research at the Institute of Botany and Botanical Garden, Jevremovac, Faculty of Biology, University of Belgrade) and Bojan Zlatković (Associate Professor at the Department of Biology and Ecology, Faculty of Sciences, University of Niš).

We conducted the work under permits issued by the pertinent government authorities, and documented our field observations (including specimens with or without seed) in a dedicated project on the publicly available iNaturalist platform:

<https://www.inaturalist.org/projects/bergen-university-gardens-serbia-trip-2019>.

Based on their detailed knowledge of the flora, Zlatković and Lazarević were able to provide determinations for plants even with suboptimal material. We are making the material available on behalf of our Serbian colleagues, and thank them for their productive collaboration.

Nomenclature

The nomenclature in the Index Seminum is mainly based on:
Species 2000 & ITIS Catalogue of Life: 2019 Annual Checklist
(<http://www.catalogueoflife.org/>).

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Desiderata

Orders can be placed online, by mail and e-mail until March 15th 2020.

We will prioritize online orders, and each order is limited to 30 numbers.

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University of Bergen

Arboretum and Botanical Gardens

Mildevegen 240

N-5259 HJELLESTAD

Norway

The University Gardens

Berit Gehrke	Section leader, the University Gardens
Heidi Lie Andersen	Associate Professor, the Botanical Garden
Torsten Eriksson	Associate Professor, the Museum Garden
Michael D. Pirie	Associate Professor, the Arboretum
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: seminumsystem2019, seminarwild2019

Index Seminum 2020

The University Gardens
University of Bergen
Norway

Each order is limited to 30 numbers
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Part 1 Collected from spontaneous plants

Seeds from wild plants

Adoxaceae

- 1 ***Viburnum lantana* L.**
Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 2 ***Viburnum opulus* L.**
Norway: Hordaland, Kvam, Skeiane, 30 m, 60.4047° | 6.3493° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

Amaryllidaceae

- 3 ***Allium carinatum* L. subsp. *pulchellum* (G.Don) Bonnier & Layens**
Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild.
- 4 ***Allium flavum* Less. ex Ledeb.**
Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Anacardiaceae

5 *Cotinus coggygria* Scop.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Apiaceae

6 *Angelica archangelica* L. subsp. *archangelica*

Norway: Hordaland, Eidfjord, Isdalen, 820 m, 60.4330° | 7.2721° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.

7 *Conopodium majus* (Gouan) Loret

Norway: Hordaland, Os, Storomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

8 *Ligusticum scoticum* L.

Norway: Hordaland, Kvam, Holmsundet, 2 m, 60.3663° | 6.1641° (WGS84). 2018-08-19. B.Oma. Prov: Wild. Det. by comparison.

9 *Pimpinella saxifraga* Ucria

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

10 *Sanicula europaea* L.

Norway: Hordaland, Os, Røttingen, 5 - 10 m, 60.1322° | 5.3655° (WGS84). 2018-09-18. R.Myking. Prov: Wild. Det. by comparison.

11 *Torilis japonica* DC.

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

Araceae

12 *Arum maculatum* L.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Asparagaceae

13 *Convallaria majalis* L.

Norway: Hordaland, Bergen, Milde, Naustdalen, 30 m, 60.252446° N | 5.269972° E (WGS84). 2018-10-01. T.Pousi. Prov: Wild. Det. by comparison.

- 14** *Maianthemum bifolium* (L.) F.W.Schmidt
Norway: Hordaland, Os, Strøno, Ervika, 2 - 10 m, 60.1556° | 5.3368° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.
- 15** *Maianthemum bifolium* (L.) F.W.Schmidt
Norway: Hordaland, Bergen, Milde, Korsdalane, 30 m, 60.260212° N | 05.272236° E (WGS84). 2018-09-17. R.Samuelsen. Prov: Wild. Det. by comparison.
- 16** *Maianthemum bifolium* (L.) F.W.Schmidt
Norway: Hordaland, Bergen, Milde, Korsdalane, 30 m, 60.260212° N | 05.272236° E (WGS84). 2019-10-07. T.Pousi. Prov: Wild. Det. by comparison.
- 17** *Ornithogalum pyramidale* L.
Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Asteraceae

- 18** *Achillea clypeolata* Sibth. & Sm.
Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 19** *Achillea lingulata* Waldst. & Kit.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 20** *Achillea millefolium* L.
Norway: Hordaland, Eidfjord, Øvre Eidfjord, Lund, 30 m, 60.4256° | 7.1284° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 21** *Adenostyles alliariae* Kern.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 22** *Antennaria dioica* (L.) Gaertn.
Norway: Oppland, Kvamsfjellet, Vadtjønne,(Gnedden), 950 m, 61.7352° | 9.6211° (WGS84). 2019-08-16. E.Kleffelgård, L.I.D.Ottersland. Prov: Wild. Det. by comparison.

- 23 *Anthemis cretica* subsp. *carpatica* (Willd.) Grierson**
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 24 *Aster alpinus* L.**
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 25 *Centaurea alba* L.**
Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 26 *Centaurea nervosa* Willd.**
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 27 *Centaurea nigra* Lam.**
Norway: Hordaland, Stord, Ådlandsvatnet, 59.8002° | 5.4891° (WGS84). 2019-09-27. B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.
- 28 *Cirsium candelabrum* Griseb.**
Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 29 *Cirsium heterophyllum***
Norway: Hordaland, Eidfjord, Fossli, 700 m, 60.4206° | 7.2608° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.
- 30 *Erigeron borealis* (Vierh.) Simmons**
Norway: Hordaland, Jondal, west of Kringlehaug, 1000 m, 60.3038° | 6.4300° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 31 *Omalotheca norvegica* (Gunnerus) Sch.Bip. & F.W.Sch**
Norway: Hordaland, Ullensvang, west of Jonstein, 1000 m, 60.3005° | 6.4295° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 32 *Omalotheca supina* (L.) DC.**
Norway: Hordaland, Eidfjord, Grytehorgi, 1080 m, 60.4304° | 7.2919° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.

- 33** *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
Norway: Hordaland, Os, Ulven, 45 - 50 m, 60.1975° | 5.4314° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjøflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.
- 34** *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
Norway: Hordaland, Bergen, Indre Sædal, 380 m, 60.3587° | 5.4002° (WGS84). 2019-10-20. B.Moe. Prov: Wild. Det. by a taxonomist.
- 35** *Onopordum acanthium*
Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 36** *Saussurea alpina* DC.
Norway: Hordaland, Eidfjord, Måbødalen, 340 m, 60.4232° | 7.2071° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.
- 37** *Solidago virgaurea* L.
Norway: Hordaland, Eidfjord, Isdalen, 820 m, 60.4330° | 7.2721° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.
- 38** *Telekia speciosa* Baumg.
Serbia: Zlatibor, Užice, Tara mt., Mitrovac, 1101 m, 43.9254° | 19.4335° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 39** *Tragopogon balcanicus* Velen.
Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 40** *Tripolium pannonicum* (Jacq.) Dobrocz.
Norway: Hordaland, Os, Strøno, Ervika, 2 - 10 m, 60.1556° | 5.3368° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjøflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

Berberidaceae

- 41** *Berberis vulgaris* L.
Serbia: Nišava, Niška Banja, Sićevo, Sićevačka gorge, 452 m, 43.3376° | 22.0783° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Betulaceae

42 *Alnus incana* (L.) Moench

Norway: Sogn og Fjordane, Flora, Lervika, 61.3690° | 5.6701° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

43 *Betula nana* L.

Norway: Grytebekken (Grytehoggi), 960 m, 60.4374° | 7.2914° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

Boraginaceae

44 *Aegonychon purpurocaeruleum* (L.) Holub

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

45 *Onosma stellulata* Waldst. & Kit.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

46 *Pontechium maculatum* (L.) U.-R.Böhle & H.H.Hilger

Serbia: Zlatibor, Čajetina, Zlatibor mt, Čavlovac, 1045 m, 43.6956° | 19.6525° (WGS84). 2019-08-30. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Brassicaceae

47 *Alyssum bertolonii* subsp. *scutarinum* Nyár.

Serbia: Zlatibor, Čajetina, Zlatibor mt, Čavlovac, 1045 m, 43.6956° | 19.6525° (WGS84). 2019-08-30. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

48 *Arabis hirsuta* (L.) Scop.

Norway: Hordaland, Eidfjord, Måbødalen, 275 m, 60.4181° | 7.2039° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

49 *Arabis hirsuta* (L.) Scop.

Norway: Sogn og Fjordane, Flora, vest for Midbøvatnet, 61.6593° | 5.5050° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

50 *Arabis procurrens* Waldst. & Kit.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

51 *Erysimum strictum* P.Gaertn., B.Mey. & Scherb.

Norway: Hordaland, Eidfjord, Måbødalen, 275 m, 60.4181° | 7.2039° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

Campanulaceae

52 *Campanula glomerata* L.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

53 *Campanula lingulata* Waldst. & Kit.

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

54 *Campanula patula* L.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

55 *Campanula wanneri* Rochel

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

56 *Edraianthus graminifolius* (L.) A.DC.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Caprifoliaceae

57 *Dipsacus pilosus* L.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

58 *Lonicera nigra* L.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Caryophyllaceae

- 59** *Arenaria serpyllifolia* L. subsp. *serpyllifolia*
Norway: Hordaland, Eidfjord, Måbødalen, 60.4226° | 7.2038° (WGS84). 2019-09-14.
B.Moe. Prov: Wild. Det. by a taxonomist.
- 60** *Atocion armeria*
Serbia: Zlatibor, Užice, Tara mt., Zaovine, 958 m, 43.8862° | 19.4167° (WGS84).
2019-09-02. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild.
- 61** *Atocion lerchenfeldianum* (Baumg.) M.Popp
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063°
(WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 62** *Dianthus pancicii* Velen.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063°
(WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 63** *Dianthus petraeus* subsp. *petraeus*
Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.
- 64** *Dianthus petraeus* subsp. *petraeus*
Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.
- 65** *Dianthus sylvestris* Wulfen
Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594°
(WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 66** *Heliosperma pusillum* (Waldst. & Kit.) Rchb.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063°
(WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 67** *Lychnis flos-cuculi* L.
Norway: Hordaland, Os, Strøno, Ervika, 2 - 10 m, 60.1556° | 5.3368° (WGS84). 2018-
09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild.
Det. by a taxonomist.

68 *Silene acaulis* (L.) Jacq.

Norway: Hordaland, Jondal, west of Kringlehaug, 1000 m, 60.3038° | 6.4300° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

69 *Silene coronaria* (Desr.) Clairv. ex Rchb.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

70 *Silene dioica* (L.) Clairv.

Norway: Hordaland, Os, Storomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

71 *Silene paradoxa* L.

Serbia: Zlatibor, Čajetina, Zlatibor mt, Čavlovac, 1045 m, 43.6956° | 19.6525° (WGS84). 2019-08-30. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Celastraceae

72 *Euonymus verrucosus* Scop.

Serbia: Zlatibor, Užice, Tara mt., Zaovine, Vranjak, 815 m, 43.8633° | 19.4029° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

73 *Euonymus verrucosus* Scop.

Serbia: Zlatibor, Bajina Bašta, Tara mt., Perućac, 298 m, 43.9631° | 19.3720° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

74 *Parnassia palustris* L.

Norway: Hordaland, Eidfjord, Isdalen, 820 m, 60.4330° | 7.2721° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.

75 *Parnassia palustris* L.

Norway: Hordaland, Eidfjord, Isdalen, 450 m, 60.4266° | 7.2270° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

Cistaceae

76 *Fumana procumbens* (Dunal) Gren. & Godron

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Cornaceae

77 *Cornus sanguinea* L.

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

78 *Cornus suecica* L.

Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84). 2018-09-02. B.Oma. Prov: Wild. Det. by comparison.

79 *Cornus suecica* L.

Norway: Gryteskar, 860 m, 60.4551° | 7.2935° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.

Crassulaceae

80 *Petrosedum ochroleucum* (Chaix) Niederle

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

81 *Rhodiola rosea* L.

Norway: Hordaland, Eidfjord, Måbødalen, 450 m, 60.4228° | 7.2039° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

82 *Sedum album* Raf.

Norway: Hordaland, Eidfjord, Måbødalen, 275 m, 60.4181° | 7.2039° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

83 *Sedum dasyphyllum* L.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Cupressaceae

84 *Juniperus communis* L.

Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84). 2018-09-02. B.Oma. Prov: Wild. Det. by comparison.

Cyperaceae

85 *Carex flava* L.

Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84). 2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

- 86** *Carex microglochin* **Wahlenb.**
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 87** *Carex paleacea* **Schreb. ex Wahlenb.**
Norway: Hordaland, Os, Storomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84).
2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov:
Wild. Det. by a taxonomist.
- 88** *Carex remota* **L.**
Norway: Hordaland, Os, Storomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84).
2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov:
Wild. Det. by a taxonomist.
- 89** *Carex sylvatica* **Dewey**
Norway: Hordaland, Bømlø, Mosterhamn, 59.7010° | 5.3617° (WGS84). 2019-09-27.
B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.
- 90** *Eriophorum scheuchzéri* **Hoppe**
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 91** *Eriophorum scheuchzéri* **Hoppe**
Norway: Hordaland, Jondal, west of Kringlehaug, 1040 m, 60.3038° | 6.4300°
(WGS84). 2019-09-23. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 92** *Schoenoplectus tabernaemontani* **(C.C.Gmel.) Palla**
Norway: Hordaland, Øygarden, Herdlevær, 60.5691° | 4.8050° (WGS84). 2019-09-23.
B.Moe, S.Guntveit. Prov: Wild. Det. by a taxonomist.

Droseraceae

- 93** *Drosera anglica* **Huds.**
Norway: Hordaland, Kvam, Alkleiv, 460 m, 60.3850° | 6.1075° (WGS84). 2018-08-25.
B.Oma. Prov: Wild. Det. by comparison.
- 94** *Drosera anglica* **Huds.**
Norway: Hordaland, Stord, Nestjørn, 59.7691° | 5.4057° (WGS84). 2019-09-27.
B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.
- 95** *Drosera intermedia* **R.Cunn.**
Norway: Sogn og Fjordane, Flora, Høyvikvatnet, 61.585° | 5.2859° (WGS84). 2019-
10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

96 *Drosera rotundifolia* L.
Norway: Hordaland, Os, Ulven, 45 - 50 m, 60.1975° | 5.4314° (WGS84). 2018-09-04.
E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by
a taxonomist.

97 *Drosera rotundifolia* L.
Norway: Hordaland, Bømlo, Mosterhamn, 59.7113° | 5.3514° (WGS84). 2019-09-27.
B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.

Ericaceae

98 *Arctostaphylos uva-ursi* (L.) Spreng.
Norway: Hordaland, Øygarden, Kollsnes, 60.5597° | 4.8370° (WGS84). 2019-09-23.
B.Moe, S.Guntveit. Prov: Wild. Det. by a taxonomist.

99 *Arctous alpina* (L.) Nied.
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-02. B.Moe. Prov: Wild. Det. by a taxonomist.

100 *Arctous alpina* (L.) Nied.
Norway: Hordaland, Eidfjord, Grytehorgi, 60.4331° | 7.2986° (WGS84). 2019-09-16.
B.Moe. Prov: Wild. Det. by a taxonomist.

101 *Empetrum nigrum* L. subsp. *hermaphroditum* (Hagerup) Bøcher
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

102 *Empetrum nigrum* L. subsp. *hermaphroditum* (Hagerup) Bøcher
Norway: Hordaland, Eidfjord, Tinnhølen, 1260 m, 60.2644° | 7.5565° (WGS84). 2018-
08-09. B.Oma. Prov: Wild. Det. by comparison.

103 *Empetrum nigrum* L. subsp. *hermaphroditum* (Hagerup) Bøcher
Norway: Hordaland, Ullensvang, west of Jonstein, 1000 m, 60.3005° | 6.4295°
(WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

104 *Erica cinerea* L.
Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84).
2018-09-02. B.Oma. Prov: Wild. Det. by comparison.

105 *Erica cinerea* L.
Norway: Hordaland, Øygarden, Toftøy, 60.4704° | 4.9651° (WGS84). 2019-09-23.
B.Moe, S.Guntveit. Prov: Wild. Det. by a taxonomist.

106 *Erica spiculifolia* (Salisb.) Rchb.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063°
(WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

- 107 *Erica tetralix* L.**
Norway: Hordaland, Os, Strøno, Ervika, 2 - 10 m, 60.1556° | 5.3368° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.
- 108 *Erica tetralix* L.**
Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84). 2018-09-02. B.Oma. Prov: Wild. Det. by comparison.
- 109 *Erica tetralix* L.**
Norway: Hordaland, Bergen, Indre Sædal, 60.3564° | 5.4000° (WGS84). 2019-10-20. B.Moe. Prov: Wild. Det. by a taxonomist.
- 110 *Harrimanella hypnoides* (L.) Coville**
Norway: Hordaland, Eidfjord, Grytehogi, 1100 m, 60.430° | 7.3104° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.
- 111 *Kalmia procumbens* (L.) Gift, Kron & P.F.Stevens**
Norway: Hordaland, Eidfjord, Gryteskar (Isdal), 960 m, 60.4374° | 7.2914° (WGS84). 2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.
- 112 *Kalmia procumbens* (L.) Gift, Kron & P.F.Stevens**
Norway: Hordalan, Ullensvang, west of Jonstein, 1000 m, 60.3005° | 6.4295° (WGS84). 2019-09-23. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 113 *Orthilia secunda* (L.) House**
Norway: Hordaland, Eidfjord, Måbødalen, 380 m, 60.4241° | 7.2151° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.
- 114 *Phyllodoce caerulea* (L.) Bab.**
Norway: Hordaland, Eidfjord, Isdalen, 1050 m, 60.4649° | 7.2772° (WGS84). 2019-10-05. B.Moe. Prov: Wild. Det. by a taxonomist.
- 115 *Pyrola media* Sw.**
Norway: Hordaland, Kvinnherad, Eggja, 59.9981° | 5.8484° (WGS84). 2019-09-27. B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.
- 116 *Vaccinium microcarpum* (Turcz. ex Rupr.) Schmalh.**
Norway: Hordaland, Øygarden, Alvheim, 60.5956° | 4.8149° (WGS84). 2019-09-23. B.Moe, S.Guntveit. Prov: Wild. Det. by a taxonomist.
- 117 *Vaccinium uliginosum* L.**
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84). 2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 118 *Vaccinium uliginosum* L.**
Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84). 2018-09-02. B.Oma. Prov: Wild. Det. by comparison.

119 *Vaccinium vitis-idaea* L.

Norway: Sogn og Fjordane, Bremanger, Berle, 3 m, 61.8230° | 5.1205° (WGS84). 2018-09-02. B.Oma. Prov: Wild. Det. by comparison.

120 *Vaccinium vitis-idaea* L.

Norway: Hordaland, Ullensvang, Botsvatn, 750 m, 60.2950° | 6.4285° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

Fabaceae

121 *Astragalus alpinus* E.H.L.Krause

Norway: Hordaland, Eidfjord, Måbødalen, 340 m, 60.4223° | 7.2037° (WGS84). 2019-09-14. B.Moe.

122 *Genista sagittalis* L.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

123 *Hippocrepis emerus* (L.) Lassen

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

124 *Lotus corniculatus* L.

Norway: Hordaland, Kvam, Holmsundet, 2 m, 60.3663° | 6.1641° (WGS84). 2018-08-19. B.Oma. Prov: Wild. Det. by comparison.

Gentianaceae

125 *Centaurium erythraea* Rafn

Serbia: Zlatibor, Čajetina, Zlatibor mt, Čavlovac, 1045 m, 43.6956° | 19.6525° (WGS84). 2019-08-30. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

126 *Centaurium pulchellum*

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

127 *Gentiana cruciata*

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

128 *Gentianella austriaca* (A.Kern. & Jos.Kern.) Holub

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Hypericaceae

129 *Hypericum perforatum* L.

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

130 *Hypericum pulchrum* L.

Norway: Hordaland, Øygarden, Toftøy, 60.4697° | 4.9622° (WGS84). 2019-09-23. B.Moe, S.Guntveit. Prov: Wild. Det. by a taxonomist.

131 *Hypericum rumeliacum* Boiss.

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Iridaceae

132 *Iris pseudacorus* L.

Norway: Hordaland, Fusa, Leirvika, 60.1796° | 5.5972° (WGS84). 2019-09-27. B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.

Juncaceae

133 *Juncus castaneus* Sm.

Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84). 2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

134 *Juncus squarrosus* All.

Norway: Hordaland, Bergen, Ulvursfjellet, 600 m, 60.3325° | 5.4704° (WGS84). 2018-10-28. B.Moe. Prov: Wild. Det. by a taxonomist.

135 *Luzula sylvatica* (Huds.) Gaudin

Norway: Hordaland, Os, Storomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

Juncaginaceae

136 *Triglochin maritima* L.

Norway: Hordaland, Os, Storsomsvågen, 1 - 5 m, 60.1617° N | 5.4088° E (WGS84).
2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov:
Wild. Det. by a taxonomist.

Lamiaceae

137 *Betonica scardica* Griseb.

Serbia: Zlatibor, Čajetina, Zlatibor mt, Čavlovac, 1045 m, 43.6956° | 19.6525°
(WGS84). 2019-08-30. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

138 *Clinopodium album* (Waldst. & Kit.) ined.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84).
2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

139 *Clinopodium album* (Waldst. & Kit.) ined.

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594°
(WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

140 *Micromeria croatica* (Pers.) Schott

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594°
(WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

141 *Scutellaria altissima* L.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84).
2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

142 *Sideritis montana* L.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295°
(WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

143 *Stachys germanica* L.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295°
(WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

144 *Thymus pulegioides* L.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295°
(WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Liliaceae

145 *Lilium jankae* A.Kern.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

146 *Lilium jankae* A.Kern.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Linaceae

147 *Linum tenuifolium* L.

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Lythraceae

148 *Lythrum salicaria* L.

Norway: Sogn og Fjordane, Flora, Bygstad, Lervika, 61.36911° | 5.67003° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

Malvaceae

149 *Alcea rosea* Falk

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Myricaceae

150 *Myrica gale* L.

Norway: Sogn og Fjordane, Flora, Høyvikvatnet, 61.585° | 5.2867° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

Oleaceae

151 *Fraxinus ornus* L.

Serbia: Zlatibor, Užice, Tara mt., Zaovine, Vranjak, 815 m, 43.8633° | 19.4029° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Onagraceae

152 *Epilobium dodonaei* Vill.

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Orobanchaceae

153 *Pedicularis palustris* L.

Norway: Hordaland, Os, Ulven, 45 - 50 m, 60.1975° | 5.4314° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

154 *Rhinanthus minor* L.

Norway: Sogn og Fjordane, Flora, Sandvikelva, 61.5911° | 5.2718° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

Papaveraceae

155 *Pseudofumaria alba* (Mill.) Lidén

Serbia: Zlatibor, Bajina Bašta, Tara mt., Perućac, 298 m, 43.9631° | 19.3720° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Plantaginaceae

156 *Linaria rubioides* Vis. & Pancic

Serbia: Zlatibor, Užice, Tara mt., Zaovine, 958 m, 43.8862° | 19.4167° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

157 *Veronica alpina* L.

Norway: Hordaland, Eidfjord, Svolnos, 1200 m, 60.4699° | 7.2825° (WGS84). 2019-10-05. B.Moe. Prov: Wild. Det. by a taxonomist.

158 *Veronica austriaca* subsp. *jacquinii* (Baumg.) Eb.Fischer

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

159 *Veronica officinalis* L.

Norway: Hordaland, Os, Strøno, Ervika, 2 - 10 m, 60.1556° | 5.3368° (WGS84). 2018-09-04. E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by a taxonomist.

160 *Veronica officinalis* L.

Norway: Sogn og Fjordane, Askvoll, Askvika, 61.3561° | 5.1105° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

161 *Veronica urticifolia* Jacq.

Serbia: Zlatibor, Užice, Tara mt., Zaovine, Vranjak, 815 m, 43.8633° | 19.4029° (WGS84). 2019-09-01. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Poaceae

162 *Brachypodium sylvaticum* P.Beauv.

Norway: Sogn og Fjordane, Flora, vest for Midbøvatnet, 61.6593° | 5.5050° (WGS84). 2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.

163 *Calamagrostis epigejos* (L.) Roth

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

164 *Sesleria rigida* Heuff. ex Rchb.

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Ranunculaceae

165 *Aconitum septentrionale* Koelle

Norway: Hordaland, Eidfjord, Isdalen, 450 m, 60.4266 N 7.2270 E (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

166 *Consolida regalis* Gray

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

167 *Ranunculus platanifolius* L.

Norway: Hordaland, Eidfjord, Måbødalen, 450 m, 60.4228° | 7.2039° (WGS84). 2019-09-14. B.Moe. Prov: Wild. Det. by a taxonomist.

168 *Thalictrum aquilegifolium*

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

169 *Thalictrum foetidum* L.

Serbia: Zlatibor, Prijepolje, Mileševska gorge, 657 m, 43.3617° | 19.7331° (WGS84).
2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

170 *Thalictrum minus* L.

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84).
2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

Resedaceae

171 *Reseda phyteuma* L.

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594°
(WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

Rhamnaceae

172 *Rhamnus saxatilis* Jacq.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

Rosaceae

173 *Alchemilla alpina* L.

Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

174 *Comarum palustre* L.

Norway: Hordaland, Os, Ulven, 45 - 50 m, 60.1975° | 5.4314° (WGS84). 2018-09-04.
E.J.Melstokkå, B.Moe, Z.Tjoflot, S.Ystaas, M.Lennström-Örtwall. Prov: Wild. Det. by
a taxonomist.

175 *Cotoneaster integerrimus* Medik.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

176 *Cotoneaster tomentosus* C.A.Mey.

Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

177 *Dryas octopetala* L.

Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-02. B.Moe. Prov: Wild. Det. by a taxonomist.

178 *Potentilla recta* L.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

179 *Sanguisorba minor* Scop.

Serbia: Nišava, Niška Banja, Kunovica plateau, Ploče, 671 m, 43.2876° | 22.1295° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

180 *Sibbaldia procumbens* L.

Norway: Hordaland, Eidfjord, Svolnos, 1080 m, 60.4720° | 7.2942° (WGS84). 2019-10-05. B.Moe. Prov: Wild. Det. by a taxonomist.

181 *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.

Rubiaceae

182 *Galium odoratum* Scop.

Norway: Hordaland, Kvam, Skeiane, 30 m, 60.4047° | 6.3493° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

Salicaceae

183 *Salix glauca* L.

Norway: Hordaland, Ullensvang, west of Jonstein, 1000 m, 60.3005° | 6.4295° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

184 *Salix herbacea* L.

Norway: Hordaland, Jondal, west of Kringlehaug, 1000 m, 60.3038° | 6.4300° (WGS84). 2019-09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.

185 *Salix reticulata* L.

Norway: Hordaland, Eidfjord, Svolnos, 1200 m, 60.4699° | 7.2825° (WGS84). 2019-10-05. B.Moe. Prov: Wild. Det. by a taxonomist.

186 *Salix reticulata* L.

Norway: Oppland, Kvamsfjellet, Vadtjønne,(Gnedden), 950 m, 61.7352° | 9.6211° (WGS84). 2019-08-16. E.Kleffelgård, L.I.D.Ottersland. Prov: Wild. Det. by comparison.

Saxifragaceae

- 187** *Saxifraga aizoides* L.
Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84).
2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 188** *Saxifraga aizoides* L.
Norway: Hordaland, Jondal, Kringlehaug, 1050 m, 60.3043° | 6.4376° (WGS84). 2019-
09-24. B.Moe, B.Oma. Prov: Wild. Det. by a taxonomist.
- 189** *Saxifraga aizoides* L.
Norway: Sogn og Fjordane, Flora, vest for Midbøvatnet, 61.6593° | 5.5050° (WGS84).
2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.
- 190** *Saxifraga aizoides* L.
Norway: Oppland, Kvamsfjellet, Vadtjønne,(Gnedden), 950 m, 61.7352° | 9.6211°
(WGS84). 2019-08-16. E.Kleffelgård, L.I.D.Ottersland. Prov: Wild. Det. by
comparison.
- 191** *Saxifraga cespitosa* Scop.
Norway: Hordaland, Eidfjord, Grytehoggi, 1100 m, 60.4305° | 7.3104° (WGS84).
2019-09-16. B.Moe. Prov: Wild. Det. by a taxonomist.
- 192** *Saxifraga cotyledon* L.
Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84).
2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.
- 193** *Saxifraga cotyledon* L.
Norway: Hordaland, Eidfjord, Måbødalen, 350 m, 60.4224° | 7.2031° (WGS84). 2019-
09-14. B.Moe. Prov: Wild. Det. by a taxonomist.
- 194** *Saxifraga cotyledon* L.
Norway: Sogn og Fjordane, Flora, vest for Midbøvatnet, 61.6593° | 5.5050° (WGS84).
2019-10-11. H.L.Andersen, M.Pirie, E.Kleffelgård. Prov: Wild. Det. by a taxonomist.
- 195** *Saxifraga paniculata* Hornem.
Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063°
(WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie,
B.Zlatkovic. Prov: Wild. Det. by a taxonomist.
- 196** *Saxifraga rotundifolia* L.
Serbia: Pirot, Bela Palanka, Suva planina mt., 1300 m, 43.1983° | 22.1427° (WGS84).
2019-08-28. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic.
Prov: Wild. Det. by a taxonomist.

Scheuchzeriaceae

197 *Scheuchzeria palustris* L.

Norway: Hordaland, Kvinnherad, Eggja, 59.9981° | 5.8484° (WGS84). 2019-09-27. B.Moe, N.Persson, M.Pirie. Prov: Wild. Det. by a taxonomist.

Scrophulariaceae

198 *Digitalis laevigata* Waldst. & Kit.

Serbia: Zlatibor, Užice, Mokra Gora, Beli Rzav gorge, 580 m, 43.7748° | 19.4594° (WGS84). 2019-08-31. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

199 *Digitalis lanata* Ehrh.

Serbia: Nišava, Niška Banja, Jelašnica, Jelašnička gorge, 365 m, 43.2771° | 22.0694° (WGS84). 2019-08-27. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

200 *Verbascum longifolium* Ten.

Serbia: Zajecar, Knjaževac, Stara planina mt., Babin zub, 1722 m, 43.3683° | 22.6063° (WGS84). 2019-08-29. H.L.Andersen, M.Golubovic, P.Lazarevic, B.Moe, M.Pirie, B.Zlatkovic. Prov: Wild. Det. by a taxonomist.

201 *Verbascum nigrum* L.

Norway: Hordaland, Eidfjord, Måbødalen, 120 - 300 m, 60.4204° | 7.2049° (WGS84). 2018-09-25. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

Tofieldiaceae

202 *Tofieldia pusilla* Pers.

Norway: Hordaland, Eidfjord, Isdalen, 860 - 1170 m, 60.4634° | 7.3025° (WGS84). 2018-09-24. M.Golubovic, B.Moe, N.Persson. Prov: Wild. Det. by a taxonomist.

203 *Tofieldia pusilla* Pers.

Norway: Hordaland, Eidfjord, Svolnos, 1140 m, 60.4716° | 7.2984° (WGS84). 2019-10-05. B.Moe. Prov: Wild. Det. by a taxonomist.

Part 2

Collected in the Arboretum

Seeds result from open pollination

Alstroemeriaceae

204 *Alstroemeria aurea* Graham

2019-09-16. Acc: W-2000.1314, ARG: Tierra del Fuego Province, Ushuaia. Ingjerd og Tor Høie; no. SB 830218.2. Det. by a taxonomist.

Araliaceae

205 *Aralia elata* (Miq.) Seem.

2019-09-30. Acc: W-1977.1513, JPN: Honshu, Tateyama, 1100 m. F. G. Christensen; no. C 142. Det. by a taxonomist.

206 *Kalopanax septemlobus* Koidz.

2019-11-13. Acc: W-1972.1135, JPN: Hokkaido Prefecture, Yamabe. Takahashi 61; no. A 114. Det. by a taxonomist.

Asteraceae

207 *Chiliotrichum rosmarinifolium* Less.

2019-07-15. 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; no. PHS2000.100. Det. by a taxonomist.

Berberidaceae

208 *Berberis serratodentata* Lechl.

2019-07-18. Acc: W-2000.0514, CHL: Aysén, Coihaique, S of Villa La Tapera, 600 - 640 m. Per Harald Salvesen; no. PHS2000.077. Det. by a taxonomist.

Celastraceae

209 *Euonymus macropterus* Rupr.

2019-08-19. Acc: W-1979.0042, JPN: Hokkaido Prefecture. 1976. Magne Sandvik; no. S 119. Det. by a taxonomist.

210 *Euonymus oxyphyllus* Miq.

2019-10-14. Acc: W-1979.0066, KOR: Sogri-san, Beob jusa, 400 m. 1976-09-16. Nordisk Arboret Utvalg (NAU); no. 287. Det. by a taxonomic specialist.

211 *Euonymus sachalinensis* Maxim.

2019-09-19. Acc: W-1983.0036, KOR: Mt. Jiri. 1982. Det. by a taxonomist.

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

2019-08-19. 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; no. PHS2000.082. Det. by a taxonomist.

213 *Tripterygium wilfordii* Hook.f.

2019-10-14. 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); no. 188. Det. by a taxonomist.

Cercidiphyllaceae

214 *Cercidiphyllum magnificum* Nakai

2019-10-21. Acc: W-1977.1183, JPN: Honshu, Nikko, 2000 m, 36° 47' N - 139° 28' E. Rune Bengtsson; no. B 183. Det. by a taxonomist.

Cornaceae

215 *Cornus controversa* Hemsl.

2019-10-14. Acc: W-1979.0044, JPN: Honshu, Daisen, 900 m. 1976. Magne Sandvik; no. S 211. Det. by a taxonomist.

Ericaceae

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

2019-10-28. Acc: W-1977.1564, JPN: Kyushu, Hikosan, 1000 m. F. G. Christensen; no. C 193. Det. by a taxonomist.

217 *Enkianthus campanulatus* (Miq.) Nichols. var. *palibinii* (Craib) Bean

2019-11-15. Acc: W-1977.1178, JPN: Honshu, Nikko, 1500 m. Rune Bengtsson; no. B 178.

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

2019-10-28. Acc: W-1977.1356, JPN: Honshu, Odaigahara, 1200 m. Rune Bengtsson; no. B 356. Det. by a taxonomist.

219 *Leucothoë grayana* Maxim.

2019-10-28. Acc: W-1977.1804, JPN: Hokkaido Prefecture, Dairoku, 1400 m. Magne Sandvik; no. S 86. Det. by a taxonomist.

220 *Rhododendron albrechtii* Maxim.

2019-10-07. Acc: W-1977.1246, JPN: Honshu, Tateyama, 1600 m. Rune Bengtsson; no. B 246. Det. by a taxonomist.

- 221 *Rhododendron dauricum* L.**
2018-12-07. Acc: W-1977.1810, JPN: Hokkaido Prefecture, Dairoku, 250 m, 43° 21' N - 142° 54' E. 1976. Magne Sandvik. Det. by a taxonomist.
- 222 *Rhododendron mucronulatum* Turcz.**
2019-12-04. Acc: Z-1982.0033, KOR: Seorak-san, Ridge, exposed SSE, 1660 m, 38° 07' N - 128° 29' E. Nordisk Arboret Utvalg (NAU); no. 55. Det. by a taxonomist.
- 223 *Rhododendron nipponicum* Matsum.**
2019-10-28. Acc: W-1977.1878, JPN: Honshu, Tateyama, 1200 m. Magne Sandvik; no. S 162. Det. by a taxonomist.
- 224 *Rhododendron quinquefolium* Bisset & S.Moore**
2019-11-22. Acc: W-1979.0041, JPN: Honshu, Odaigahara, 1400 m. 1976. Magne Sandvik; no. S 261. Det. by a taxonomist.
- 225 *Rhododendron schlippenbachii* Maxim.**
2019-11-22. Acc: W-1979.0129, KOR: Kyenang-san, Odae-san, S slope, 900 m, 37° 47' N | 128° 34' E. 1976-09-09. Nordisk Arboret Utvalg (NAU); no. 155. Det. by a taxonomist.
- 226 *Rhododendron tschonoskii* Maxim.**
2019-10-28. Acc: W-1977.1876, JPN: Honshu, Tateyama., 1600 m. Magne Sandvik; no. S 160. Det. by a taxonomist.
- 227 *Rhododendron vaseyi* A.Gray**
2019-10-30. Acc: G-1972.1647. Det. by a taxonomist.
- 228 *Vaccinium koreanum* Nakai**
2019-08-05. 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); no. 35. Det. by a taxonomist.

Hamamelidaceae

- 229 *Corylopsis glabrescens* Franch. & Sav.**
2019-11-11. Acc: W-1977.1086, JPN: Honshu, Akasawa, 1200 m. Rune Bengtsson; no. B 86. Det. by a taxonomist.
- 230 *Hamamelis japonica* Siebold & Zucc.**
2019-10-07. Acc: W-1977.1871, JPN: Honshu, Tateyama, 1500 - 1700 m. Magne Sandvik; no. S 155. Det. by a taxonomist.

Iridaceae

231 *Crocus vernus* (L.) Hill

Norway: Hordaland, Bergen, Fana Folkehøgskule, 30 m, 60.251711° N | 05.269092° E (WGS84). 2019-06-24. T.Pousi. Prov: Naturalized. Det. by comparison.

Juglandaceae

232 *Pterocarya rhoifolia* Siebold & Zucc.

2019-11-11. Acc: W-1972.1136, JPN: Akita Prefecture, Oirase. 1960. Murai; no. A 194. Det. by a taxonomist.

Magnoliaceae

233 *Magnolia sieboldii* K.Koch

2019-09-30. 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); no. 340. Det. by a taxonomist.

Nothofagaceae

234 *Nothofagus antarctica* (Forst.) Ørst.

2019-08-05. Acc: W-1993.1322, ARG: Tierra del Fuego Province, Ea. Tepi, Rt.3A: 4 km S f Rio Grande, 50 m. Søren Ødum; no. Hørsholm 201-92. Det. by a taxonomist.

Plantaginaceae

235 *Veronicastrum sibiricum* (L.) Pennell

2019-09-30. Acc: W-1991.0309, JPN: Nagano Prefecture, Chubu Region, Azumi Village, Abo-toge. Det. by a taxonomist.

Rosaceae

236 *Sorbus albovii* Zinserl.

2019-09-16. Acc: W-1994.0216, RUS: Adygeya, Caucasus, mons Abago, flora localis, 43.9056 x 40.1533. 1979. Det. by a taxonomic specialist.

237 *Sorbus bissetii* McAll.

2019-09-23. Acc: Z-1991.1594, CHN: Sichuan Province, Kulu, Muli, 3200 m. T. T. Yu; no. Yu 14299. Det. by a taxonomist.

238 *Sorbus eburnea* McAll.

2019-09-23. Acc: Z-1991.1579, CHN: Sikang, Kangting, Yulinkong, 3000 m. 1934-10-17. Harry Smith; no. 12799. Det. by a taxonomist.

- 239 *Sorbus foliolosa* Spach**
2019-09-16. Acc: Z-1996.0094, NPL: Bimtakothi, moraine and rocky hillsides, 3100 m, 28° 38' N | 84° 27' E. 1950-08-27. C. D. Lowndes; no. 1478. Det. by a taxonomist.
- 240 *Sorbus forrestii* McAll. & Gillham**
2019-10-14. Acc: Z-1992.0827, CHN: Yunnan Province, Beima Shan, 3048 m. George Forrest; no. F19583. Det. by a taxonomist.
- 241 *Sorbus frutescens* McAll.**
2019-09-16. Acc: Z-1991.1607, CHN: Qinghai Province, Quinghai Hu (Kokonor), Koko Gorge. Joseph F. Rock; no. 13268. Det. by a taxonomist.
- 242 *Sorbus glabriuscula* McAll.**
2019-10-14. Acc: Z-1991.1589, CHN: Yunnan Province, halfway up Songgui Mountain (Sung Kuei), 26° 30' N | 100° 10' E. McLaren; no. C288. Det. by a taxonomist.
- 243 *Sorbus gonggashanica* McAll.**
2019-09-23. Acc: Z-1991.1573, CHN: Sichuan Province, Liuba, Gongga Shan, (Minya Kanka) Liuba. 1981-09. Lancaster. Det. by a taxonomist.
- 244 *Sorbus himalaica* Gabrieljan**
2019-09-16. Acc: Z-1991.1613, NPL: Annapurna, Lamjung Himal, 3900 m. Det. by a taxonomist.
- 245 *Sorbus microphylla* Wenz.**
2019-09-30. Acc: W-2004.0658, NPL: 4100 m. Kenneth Höegh. Det. by a taxonomic specialist.
- 246 *Sorbus muliensis* McAll.**
2019-11-22. Acc: Z-1985.0213, CHN: Sichuan Province, SW-Sichuan. Mts. SE of Muli, 3000 - 3300 m. George Forrest; no. 22177. Det. by a taxonomist.
- 247 *Sorbus munda* Koehne**
2019-09-23. Acc: Z-1991.1591, CHN: Sichuan Province, W-Sichuan, Pan-lan-shan, west of Kwan Hsien, 2600 - 3000 m. Det. by a taxonomist.
- 248 *Sorbus pseudovilmorinii* McAll.**
2016-10-03. Acc: Z-1991.1632, CHN: Yunnan Province, Cangshan. Det. by a taxonomist.
- 249 *Sorbus sambucifolia* (Cham. & Schltld.) M.Roem.**
2019-08-19. Acc: W-1977.1851, JPN: Hokkaido Prefecture, Ichimai-dake, 200 m, 42° 02' N - 143° 10' E. 1976. Magne Sandvik; no. S 135. Det. by a taxonomist.
- 250 *Sorbus tenuis* McAll.**
2019-09-16. Acc: Z-1991.1627, CHN: Yunnan Province, Kangting District, Cheto La, 3900 m. Harry Smith; no. 12732. Det. by a taxonomist.

- 251** *Sorbus wilmottiana* E.F.Warburg
2019-10-14. Acc: Z-1991.1569, GBR: Avon, Avon Gorge. Det. by a taxonomist.

Sapindaceae

- 252** *Acer japonicum* Thunb.
2019-10-07. Acc: W-1977.1817, JPN: Hokkaido Prefecture, Ashibetsu, 600 m. Magne Sandvik; no. S 99. Det. by a taxonomic specialist.
- 253** *Acer micranthum* Siebold & Zucc.
2019-10-21. Acc: W-1977.1971, JPN: Honshu, Odaigahara, 1300 m. 1976. Magne Sandvik; no. S 254. Det. by a taxonomic specialist.
- 254** *Acer shirasawanum* Koidz.
2019-10-07. Acc: W-1977.1166, JPN: Honshu, Nikko, 1400 m. Rune Bengtsson; no. B 166. Det. by a taxonomic specialist.
- 255** *Acer tschonoskii* Maxim. subsp. *australe* (Momot.) Kitam. & Murata
2019-10-07. Acc: W-1977.1854, JPN: Shikoku, Kamegamori, 1500 m. Magne Sandvik; no. S 138. Det. by a taxonomic specialist.

Symplocaceae

- 256** *Symplocos coreana* (H.Lév.) Ohwi
2019-09-16. Acc: W-1977.1908, JPN: Honshu, Daisen, 1425 - 1600 m, 35,791083 - 137,927856. Magne Sandvik; no. S 192. Det. by a taxonomist.

Theaceae

- 257** *Stewartia pseudocamellia* Maxim.
2019-11-22. Acc: W-1977.1322, JPN: Honshu, Tottori, Daisen, 800 m. Rune Bengtsson; no. B 322. Det. by a taxonomist.

Trochodendraceae

- 258** *Trochodendron aralioides* Siebold & Zucc.
2019-11-15. Acc: W-1977.1332, JPN: Kyushu, Hikosan, 1200 m. Rune Bengtsson; no. B 332. Det. by a taxonomist.

Part 3

Collected in the Museum Garden

Seeds result from open pollination

Elaeagnaceae

259 *Hippophaë rhamnoides* L.

2018-09-15. H.M.M.Selstø. Acc: Acc. BG/M-1553. Gift from Tore Ouren 1957/58. Non-spiny small tree collected from Trøndelag, Norway. Prov: Garden - wild origin. Det. by a taxonomist.

Rosaceae

260 *Sorbus meinichii* Hedl. 'Faegrana'

2019-12-12. H.M.M.Selstø. 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.

Tag: seminumsystem2020, seminumwild2020