

INDEX SEMINUM 2023



**STAVANGER BOTANIC GARDEN
STAVANGER
NORWAY**

THE INDEX SEMINUM IS COMPOSED OF TWO PARTS:

- 1) Spontaneous plants - Seeds collected in the wild from locations in Norway. See records for collection details.
- 2) Garden collected - Seeds collected in the garden. All seeds were collected in 2022 and are the result of open pollination. Our accession numbers are provided (e.g., Acc: G-2008.110). For plants of known wild origin (provenance W or Z), the original locations are provided. Prov: gives the provenance of the seeds.

PLANT CLASSIFICATION:

- Classification is based on APG IV.
- Scientific names of indigenous species follow Elven, BJORÅ, Fremstad, Hegre & Solstad. Norsk flora, 8 ed., Oslo: Samlaget, 2022.
- Scientific names of non-indigenous species follow World flora Online and Plants of the World Online.

GEOGRAPICAL AND METEROLOGICAL DATA:

Geographical position of the garden: 58°56'21" N, 5°42'9" E. Altitude: 45-80 m a.s.l.

Average rainfall is 1400 mm.

Min./Max. temperatures are -4,5°C / +29°C

Average coldest/warmest temperatures are 1°C / 15°C.

Seeds from the Index Seminum are not for sale, but are available on an exchange basis exclusively for scientific, educational and nature conservation purposes. The orders will be dispatched according to the availability of seeds.

Desiderata

Orders can be placed online, by e-mail or by mail until **2023-03-15**.

Each order is limited to 20 items.

Online (for registered users only): <https://stavanger.indexseminum.org/>

E-mail: sbh@stavanger.kommune.no

Mail: Stavanger Botanic Garden
Rektor Natvig Pedersens vei 9
N-4021 Stavanger
Norway

PART 1

- SPONTANEOUS PLANTS COLLECTED IN NATURAL HABITATS

Ericaceae

1 *Orthilia secunda* (L.) House

Norway: Hordaland, Os, Hansvik, 50 m, 60°9'11" N | 5°21'15" E (WGS84). 2021-09-01.
A.C. Scheen. Prov: Wild. Det. by a taxonomist.

PART 2

- COLLECTED IN THE STAVANGER BOTANIC GARDEN

Amaryllidaceae

2 *Allium atosanguineum* Schrenk var. *atosanguineum*

2022. Acc: G-2012.263. Prov: Garden.

Apiaceae

3 *Astrantia major* L.

2022. Acc: Z-2017.54, DEU: Bavaria, ChiemgauerAlpen, Ruhpolding. Prov: Garden - wild origin. IPEN: DE-0-BERN-1976/186 W S.

4 *Astrantia maxima* Pall.

2022. Acc: G-2017.21. Prov: Garden. Received as/Det. by breeder.

5 *Eryngium paniculatum* Cav. & Dombey ex F.Delaroche

2022. Acc: Z-2017.287, CHL: Maule, Reserva Nacional Altos del Lircay, 400 - 1550 m. M. Belov. Prov: Garden - wild origin. IPEN: CL-0-BONN-33093. Received as/Det. by breeder.

Asteraceae

6 *Berkheya cirsiifolia* (DC.) Roessler

2022. Acc: Z-2018.214, ZAF: Western Cape, Clanwilliam. Prov: Garden - wild origin. IPEN: ZA-0-IB-008865.

7 *Berkheya macrocephala* J.M.Wood

2022. Acc: G-2019.179. Prov: Garden. IPEN: XX-0-HAL-13439. Received as/Det. by breeder.

8 *Calendula officinalis* L. 'Snow Princess'

2022. Acc: G-2020.262. Prov: Garden.

9 *Centaurea macrocephala* Muss.Puschk. ex Willd.

2022. Acc: G-2009.123. Prov: Garden. IPEN: XX-0-Z-20040271.

10 *Chiliotrichum diffusum* (G.Forst.) Kuntze

2022. Acc: W-2000.8003, CHL: Aisén del General Carlos Ibañe, Capitán Prat, Cordón de Villa O'Higgins N of Rio Mosco, 700 m, 48 28.30 S | 72 32.30 W. 2000-02-04. Salvesen, Per Harald & Litlere, Brynjulv; no. PHS 2000.046. Prov: Garden.

- 11** *Cicerbita plumieri* Kirschl.
2022. Acc: Z-2013.257, FRA: Lorraine, Vosges, Le Rouge-Gazon, 1250 m. Prov: Garden - wild origin. IPEN: FR-0-BERN-1975/329.
- 12** *Cotula socialis* Hilliard
2022. Acc: G-2021.71. Prov: Garden. Received as/Det. by breeder.
- 13** *Liatris aspera* Michx.
2022. Acc: G-2009.142. Prov: Garden.
- 14** *Psephellus dealbatus* K.Koch
2022. Acc: G-2013.237. Prov: Garden.
- 15** *Saussurea iodostegia* Hance
2022. Acc: Z-2014.368, CHN: Shaanxi Province, Quin Ling Mts., Taibai Shan, 3400 m. H. Pettersson, H. Sjøman, H. Zetterlund; no. HeHeHe 050. Prov: Garden - wild origin.
- 16** *Xerochrysum bracteatum* (Vent.) Tzvelev 'Apricot Peach Mixed'
2022. Acc: G-2021.244. Prov: Garden. Received as/Det. by breeder.

Bignoniaceae

- 17** *Incarvillea compacta* Maxim.
2022. Acc: G-2016.52. Prov: Garden.

Boraginaceae

- 18** *Pontechium maculatum* (L.) Böhle & Hilger
2022. Acc: Z-2017.396, ROU: Cluj, Cluj-Napoca, Fanatele Clujului, 400 m, 46,838 N | 23,621 E. 2011-07-24. U. Becker. Prov: Garden - wild origin. IPEN: RO-0-MJG-201111905. Det. by a taxonomist.

Caprifoliaceae

- 19** *Cephalaria gigantea* (Ledeb.) Bobrov
2022. Acc: G-2001.3012. Prov: Garden.
- 20** *Scabiosa owerinii* Boiss.
2022. Acc: Z-2017.237, GEO: Kakheti, Lagodekhi, above the alpine station, 2200 m, 41 52.430 N | 46 22.497 E. 2002-08-22. Gröger, A. & Lobin, W.; no. 216-9. Prov: Garden - wild origin. IPEN: GE-0-M-2002/2703. Received as/Det. by breeder.

Caryophyllaceae

- 21** *Dianthus giganteiformis* Borbás subsp. *pontederacae* (A.Kern.) Soó
2022. Acc: Z-2017.155, HUN: Pest, Budaörs, Odvas-hegy. Prov: Garden - wild origin. IPEN: HU-0-KL-2012/785. Received as/Det. by breeder.
- 22** *Lychnis flos-cuculi* L.
2022. Acc: W-2018.185, NOR: Nordland, Dønna, Småholman close to Skagalandet, 2 - 10 m, 66.078682° N | 12.376699° E. 2016-08-03. Nilsen, Stefan Patrick. Prov: Garden - wild origin. Received as/Det. by breeder.

23 *Silene chungtienensis* W.W.Sm.

2022. Acc: Z-2015.146, CHN: Yunnan Province, Chungtien Plateau (Zhongdian). Patrick Berger; no. 11/10B. Prov: Garden - wild origin.

24 *Silene gallica* L.

2022. Acc: G-2021.89. Prov: Garden. Received as/Det. by breeder.

Crassulaceae

25 *Rhodiola stephani* Trautv. & C.A.Mey.

2022. Acc: G-2014.79. Prov: Garden.

Cunoniaceae

26 *Eucryphia glutinosa* (Poepp. & Endl.) Baill.

2022. Acc: G-2000.9001. Prov: Garden.

Cyperaceae

27 *Carex mertensii* Presc. ex Bong.

2022. Acc: Z-2014.174, USA: Washington, Sauk Mtn. Prov: Garden - wild origin.

Fabaceae

28 *Lathyrus clymenum* L.

2022. Acc: G-2021.91. Prov: Garden. Received as/Det. by breeder.

29 *Lathyrus linifolius* (Reichard) Bässler

2022. Acc: W-2018.108, NOR: Akershus, Aurskog-Høland, Mikkelrud, 295 m, 32V 648908 | 6651708. 2015-08-16. Birkeland, Anne. Prov: Garden - wild origin. Det. by a taxonomist.

30 *Lathyrus sylvestris* L.

2022. Acc: W-2018.168, NOR: Rogaland, Hå, Nyland, 12 m, 58.509616° N | 005.803186° E. 2017-09-07. H.L.Andersen, L.T.Eriksson, M.Golubovic, B.Moe, B.Oma. Prov: Garden - wild origin. Det. by a taxonomist.

31 *Lathyrus tingitanus* L.

2022. Acc: G-2020.169. Prov: Garden. IPEN: XX-0-STGAL-33/1978. Received as/Det. by breeder.

32 *Trifolium pannonicum* Jacq.

2022. Acc: G-2011.76. Prov: Garden.

Geraniaceae

33 *Geranium sanguineum* L.

2022. Acc: W-2017.466, NOR: Rogaland, Karmøy, Hemnesvika, Kløyva, 3 m, 59,1973665 N | 5,1837487 E. 2017-09-05. A.C. Scheen; no. ACS 2017-02. Prov: Garden - wild origin. Det. by a taxonomist.

Gunneraceae

34 *Gunnera perpensa* L.

2022. Acc: G-2016.374. Prov: Garden. IPEN: XX-0-AMD-20080066. Det. by a taxonomist.

Hydrangeaceae

35 *Hydrangea radiata* Walter

2022. Acc: U-1985.342. Prov: Garden.

Iridaceae

36 *Iris hookeri* Penny ex Loudon

2022. Acc: W-2017.146, CAN: Newfoundland and Labrador, Cape Spear, 47.5167° N | 52.6333° W. 2016. Prov: Garden - wild origin. Received as/Det. by breeder.

37 *Iris missouriensis* Nutt.

2022. Acc: G-2015.43. Prov: Garden.

Lamiaceae

38 *Nepeta nuda* L.

2022. Acc: G-2021.248. Prov: Garden.

39 *Phlomis russeliana* (Sims) Lag. ex Benth.

2022. Acc: G-1989.734. Prov: Garden.

40 *Physostegia virginiana* (L.) Benth.

2022. Acc: G-2012.137. Prov: Garden.

41 *Salvia austriaca* Jacq.

2022. Acc: Z-2019.175, AUT: Burgenland, Purbach, Purbacher Heide, 173 m, 47°55'15" N | 16°41'03" E. 2014-06-24. Münch,M. et al.. Prov: Garden - wild origin. IPEN: AT-0-WU-0025451. Received as/Det. by breeder.

42 *Sideritis clandestina* (Bory & Chaub.) Hayek

2022. Acc: G-2019.271. Prov: Garden. IPEN: XX-0-PRAZ-2013.00824. Received as/Det. by breeder.

43 *Sideritis scardica* Griseb.

2022. Acc: Z-2019.43, GRC: Drama, Eastern Greek Macedonia and Thrace, Falakro, 2000 m. Prov: Garden - wild origin. IPEN: GR-0-B-2419292.

Myricaceae

44 *Myrica pensylvanica* Mirb. in Duhamel

2022. Acc: Z-2017.161, CAN: Newfoundland and Labrador, Frenchman's Cove, 47.2155° N | 55.4059° W. 1987. Prov: Garden - wild origin. Received as/Det. by breeder.

Onagraceae

45 *Oenothera versicolor* Lehm.

2022. Acc: G-2021.75. Prov: Garden. Received as/Det. by breeder.

Paeoniaceae

- 46 ***Paeonia broteri* Boiss. & Reut.**
2022. Acc: G-2013.291. Prov: Garden. IPEN: XX-0-M-B/0210.
- 47 ***Paeonia delavayi* Franch.**
2022. Acc: G-1989.206. Prov: Garden.
- 48 ***Paeonia ludlowii* (Stern & G.Taylor) D.Y.Hong**
2022. Acc: G-1988.437. Prov: Garden.
- 49 ***Paeonia ludlowii* (Stern & G.Taylor) D.Y.Hong**
2022. Acc: G-1988.449. Prov: Garden.

Papaveraceae

- 50 ***Meconopsis* × *sheldonii* G.Taylor 'Lingholm'**
2022. Acc: G-2020.155. Prov: Garden.
- 51 ***Meconopsis grandis* Prain**
2022. Acc: G-2014.378. Prov: Garden.

Pinaceae

- 52 ***Abies koreana* E.H.Wilson**
2022. Acc: U-1985.529. Prov: Garden.
- 53 ***Pinus parviflora* Siebold & Zucc.**
2022. Acc: U-1985.611. Prov: Garden.

Plantaginaceae

- 54 ***Veronica cupressoides* Hook.f. 'Cinerea'**
2022. Acc: G-1985.640. Prov: Garden.

Plumbaginaceae

- 55 ***Armeria villosa* Girard**
2022. Acc: G-2016.96. Prov: Garden. IPEN: ES-0-LZ-A-110-2005.

Poaceae

- 56 ***Briza media* L.**
2022. Acc: W-2017.467, NOR: Rogaland, Karmøy, Hemnesvika, Kløyva, 3 m, 59,1973665 N | 5,1837487 E. 2017-09-05. A.C. Scheen; no. ACS 2017-04. Prov: Garden - wild origin. Det. by a taxonomist.
- 57 ***Chionochloa rubra* Zotov**
2022. Acc: G-2000.3012. Prov: Garden.
- 58 ***Melica ciliata* L.**
2022. Acc: G-2017.424. Prov: Garden. Received as/Det. by breeder.
- 59 ***Melinis repens* (Willd.) Zizka**
2022. Acc: Z-2020.180, ZAF: Western Cape, 13 km NW of Kleinpoort. Prov: Garden - wild origin.

- 60 ***Stipa gigantea* Link**
2022. Acc: G-2009.52. Prov: Garden.

Polemoniaceae

- 61 ***Polemonium viscosum* Nutt.**
2022. Acc: Z-2007.23, USA: Colorado, Park Co., 3720 m. Prov: Garden - wild origin.

Primulaceae

- 62 ***Dodecatheon redolens* (H.M.Hall) H.J.Thomps.**
2022. Acc: G-2017.25. Prov: Garden. Received as/Det. by breeder.

Proteaceae

- 63 ***Embothrium coccineum* J.R.Forst. & G.Forst.**
2022. Acc: W-2003.11, CHL: Aisén del General Carlos Ibañe, Coihaique, Rio Cisnes., 450 m, 44° 41' S | 071° 51' W. 2000-02-12. Salvesen, Per Harald & Litlere, Brynjulv; no. PHS 2000.085. Prov: Garden - wild origin. Received as/Det. by breeder.
- 64 ***Lomatia hirsuta* (Lam.) Diels**
2022. Acc: W-2000.8008, CHL: Los Lagos, Palena, Rio Futaleufú, 120 m, 43 21.42 S | 72 03.72 W. 2000-02-14. Salvesen, Per Harald & Litlere, Brynjulv; no. PHS 2000.097. Prov: Garden - wild origin.

Ranunculaceae

- 65 ***Pulsatilla cernua* (Thunb.) Bercht. & J.Presl**
2022. Acc: G-2009.125. Prov: Garden.
- 66 ***Thalictrum minus* L.**
2022. Acc: W-2017.464, NOR: Rogaland, Karmøy, Hemnesvika, Kløyva, 3 m, 59,1973665 N | 5,1837487 E. 2017-09-05. A.C. Scheen; no. ACS 2017-01. Prov: Garden - wild origin. Det. by a taxonomist.
- 67 ***Trollius asiaticus* L.**
2022. Acc: Z-2014.249, RUS: Primorsky Krai, Nezhinska river. Prov: Garden - wild origin.

Rosaceae

- 68 ***Geum montanum* L.**
2022. Acc: W-2019.138, AUT: Lower Austria, Rax mountains, 1600 m. 2019-08-19. Prov: Garden - wild origin. IPEN: AT-0-WU-0029327. Received as/Det. by breeder.
- 69 ***Sanguisorba tenuifolia* Fisch. ex Link var. *alba* Trautv. & C.A.Mey.**
2022. Acc: G-2012.221. Prov: Garden. IPEN: XX-0-HAL-12067.
- 70 ***Waldsteinia fragarioides* (Michx.) Tratt.**
2022. Acc: G-2016.67. Prov: Garden.

Rutaceae

71 *Ruta graveolens* L.

2022. Acc: G-2014.102, 2013-08-16. Prov: Garden.

Saxifragaceae

72 *Tiarella polyphylla* D.Don

2022. Acc: G-2009.109. Prov: Garden. IPEN: XX-0-M-A/0010.

Scrophulariaceae

73 *Hebenstretia comosa* Hochst.

2022. Acc: G-2021.78. Prov: Garden. Received as/Det. by breeder.

74 *Phygellus aequalis* Harv. ex Hiern

2022. Acc: Z-2014.83, ZAF: Free State, Mount-Aux-Sources, Witsiehoek Mt. resort, 2300 m. Prov: Garden - wild origin.

75 *Scrophularia chrysantha* Jaub. & Spach

2022. Acc: G-2019.235. Prov: Garden. IPEN: XX-0-MJG-19-39730. Received as/Det. by breeder.

76 *Verbascum olympicum* Boiss.

2022. Acc: G-2014.327. Prov: Garden.

Taxaceae

77 *Cephalotaxus harringtonia* (Knight ex J.Forbes) K.Koch

2022. Acc: U-1991.295. Prov: Unrecorded.

Tag: seminumsystem2023, seminumwild2023

Desiderata 2023

Orders can be placed online, by e-mail or by mail until **2023-03-15**.
Each order is limited to 20 items.

Online (for registered users only): <https://stavanger.indexseminum.org/>

E-mail: sbh@stavanger.kommune.no

Mail: Stavanger Botanic Garden
Rektor Natvig Pedersens vei 9
N-4021 Stavanger
Norway

TERMS AND CONDITIONS

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

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

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