



INDEX SEMINUM

QUÆ IN

HORTO PHYSICO CHELSEIANO

MUTUA COMMUTATIONE OFFERUNTUR



LONDON

2019

Chelsea Physic Garden

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Seed Collection and Distribution

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The Chelsea Physic Garden is a Company registered in England
No. 1690871 and a Registered Charity No. 286513

A Short History of the Seed List

Chelsea Physic Garden was founded in 1673 by the Worshipful Society of Apothecaries, London. By 1682 it was well established and the Curator, John Watts, invited Dr Paul Hermann of the Leiden University Botanic Garden to visit the Physic Garden. The idea of a plant and seed exchange between the two botanic gardens was formulated and Watts visited Leiden early in 1683 taking plants and seeds with him.

Such exchanges of plant material have continued until the present day, enabling botanic gardens all over the world to introduce new plants to their countries and to maintain interesting and diverse collections within their grounds.

The Chelsea Physic Garden seed list, as we know it now, was first produced in 1901 when the City Parochial Foundation took over the management of the Garden. In 1983 the Garden was placed in the care of a group of trustees and since then the Society of Apothecaries has kindly agreed to finance the seed list. The seed exchange now operates between Chelsea Physic Garden and approximately 385 other botanic gardens and universities in 37 different countries.



The trustees of Chelsea Physic Garden wish to acknowledge the support in producing this seed list, which they receive from the Worshipful Society of Apothecaries of London, whose coat of arms is shown above and in the illustration on the back cover.

Seeds collected in 2019 from open-pollinated plants grown in Chelsea Physic Garden. Information on the incorrect determination of seeds supplied will be appreciated. Seed collection and distribution by garden staff and volunteers.

Apiaceae

1. *Ammi visnaga* (L.) Lam.
2. *Athamanta turbith* (L.) Brot.
3. *Conium maculatum* L.
4. *Eryngium creticum* Lam.
5. *Eryngium pandanifolium* Cham. & Schldtl.
6. *Ferula communis* L. subsp. *glauca* Rouy & Camus
7. *Ferula tingitana* L.
8. *Ligusticum lucidum* Mill.
9. *Ligusticum scoticum* L.
10. *Melanoselinum decipiens* (Schrad. & Wendl.) Hoffm.
11. *Oenanthe crocata* L.

Araceae

12. *Arisaema tortuosum* (Wall.) Schott

Asparagaceae

13. *Ruscus aculeatus* L.
14. *Scilla peruviana* L.

Asteraceae

15. *Argyranthemum pinnatifidum* (L.f.) Lowe subsp. *pinnatifidum*
16. *Artemisia annua* L.
17. *Echinacea pallida* (Nutt.) Nutt.
18. *Echinacea tennesseensis* (Beadle) Small
19. *Helichrysum fontanesii* Cambess.
20. *Helichrysum orientale* (L.) Gaertn.
21. *Inula helenium* L.
22. *Lactuca virosa* L.
23. *Onopordum illyricum* L. subsp. *illyricum*
24. *Podanthus ovatifolius* Lag.
25. *Rhaponticum centauroides* G.Don ex Loudon

26. *Santolina chamaecyparissus* L.
27. *Santolina magonica* O.Bolòs, Molin. & P.Monts.
28. *Santolina villosa* Mill.
29. *Tanacetum praeteritum* (Horwood) Heywood

Berberidaceae

30. *Mahonia napaulensis* DC.

Brassicaceae

31. *Descurainia millefolia* (Jacq.) Webb & Berthel.
32. *Malcolmia chia* (L.) DC.
33. *Moricandia arvensis* (L.) DC.
34. *Succowia balearica* (L.) Medik.

Campanulaceae

35. *Azorina vidalii* (H.C.Watson) Feer (white flowered form)
36. *Campanula sarmatica* Ker Gawl.

Caprifoliaceae

37. *Scabiosa cretica* L.
38. *Scabiosa minoana* (P.H.Davis) Greuter subsp. *minoana*

Caryophyllaceae

39. *Agrostemma githago* L.
40. *Agrostemma githago* L. subsp. *linicola* (Terechov.) K.Hammer
41. *Dianthus armeria* L.
42. *Dianthus fruticosus* L.
43. *Dianthus juniperinus* J.E.Sm. subsp. *bauhinorum* (Greuter) Turland
44. *Petrorhagia saxifraga* (L.) Link
45. *Silene fimbriata* Sims

Crassulaceae

46. *Aeonium virgineum* Webb

Cucurbitaceae

47. *Ecballium elaterium* (L.) A.Rich.

Cyperaceae

48. *Carex muricata* L. subsp. *muricata*

Elaeocarpaceae

49. *Crinodendron patagua* Molina

Francoaceae

50. *Francoa sonchifolia* Cav.

Geraniaceae

51. *Geranium ibericum* Cav. subsp. *ibericum*
52. *Pelargonium laxum* (Sweet) G.Don
53. *Pelargonium odoratissimum* (L.) L'Hér.

Ginkgoaceae

54. *Ginkgo biloba* L.

Hypericaceae

55. *Hypericum canariense* L.
56. *Hypericum forrestii* (Chitt.) N.Robson
57. *Hypericum grandifolium* Choisy
58. *Hypericum perforatum* L.

Lamiaceae

59. *Ballota hirsuta* Benth.
60. *Cedronella canariensis* (L.) Webb & Berthel.
61. *Lavandula minutolii* Bolle var. *minutolii*
62. *Lavandula viridis* L'Hér.
63. *Leonurus cardiaca* L.
64. *Origanum dictamnus* L.
65. *Phlomis bovei* Noë

66. *Phlomis caballeroi* Pau
67. *Phlomis chrysophylla* Boiss.
68. *Salvia canariensis* L.
69. *Stachys citrina* Boiss. & Heldr.
70. *Stachys germanica* L.
71. *Stachys tymphaea* Hausskn.
72. *Vitex agnus-castus* L.

Leguminosae

73. *Baptisia australis* (L.) R.Br.
74. *Lathyrus neurolobus* Boiss. & Heldr.
75. *Lathyrus niger* (L.) Bernh.
76. *Melilotus officinalis* (L.) Pallas
77. *Sophora cassioides* (F.Phil.) Sparre
78. *Sophora microphylla* Aiton

Malvaceae

79. *Sida rhombifolia* L.

Paeoniaceae

80. *Paeonia daurica* Andrews

Papaveraceae

81. *Glaucium flavum* Crantz
82. *Papaver somniferum* L.

Plantaginaceae

83. *Asarina procumbens* Mill.
84. *Digitalis lanata* Ehrh.
85. *Digitalis sceptrum* L.f.
86. *Globularia cambessedesii* Willk.
87. *Veronica spicata* L. subsp. *spicata*

Plumbaginaceae

88. *Limonium auriculae-ursifolium* (Pourr.) Druce

Poaceae

89. *Coix lacryma-jobi* L.

Primulaceae

90. *Lysimachia ciliata* L.
91. *Lysimachia minoricensis* Rodrig.

Ranunculaceae

92. *Aconitum ferox* Wall. ex Ser.
93. *Actaea arizonica* (S.Watson) J.Compton
94. *Nigella sativa* L.

Rosaceae

95. *Bencomia moquiniana* Webb & Berthel.
96. *Pyracantha fortuneana* (Maxim.) H.L.Li

Rutaceae

97. *Zanthoxylum piperitum* (L.) DC.

Solanaceae

98. *Atropa belladonna* L.
99. *Datura stramonium* L.
100. *Hyoscyamus albus* L.
101. *Hyoscyamus aureus* L.
102. *Hyoscyamus niger* L.
103. *Solanum aviculare* G. Forst.
104. *Withania coagulans* (Stocks) Dunal
105. *Withania somnifera* (L.) Dunal

Styracaceae

106. *Styrax officinalis* L.

Chelsea Physic Garden

Weather Records

December 2018 – November 2019

Highest air temperature: 36.6°C (25 July)
 Lowest air temperature: -2.5°C (30 Jan)
 Annual rainfall total: 598.7mm

Average monthly temperatures and total monthly rainfall:

	Air Max. (°C)	Air Min. (°C)	Ground (°C)	Rainfall (mm) total
December	11.1	6	8.9	57.5
January	11.8	6	9	34.5
February	13	5	8.1	41.5
March	14	7.1	10	43.2
April	16.6	8	-	14.5
May	19.1	10	12.7	28.5
June	22.6	13.7	15.5	73.5
July	27	14.6	18.2	57
August	26.3	13.8	17.3	31.1
September	22.3	12	14.5	55
October	16.5	8.5	11	105.6
November	11.4	5.3	7.5	56.8



2019 INDEX SEMINUM AND AFFIDAVIT

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit-sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the seed is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection.
2. If the recipient seeks to commercialise the genetic material, its products or research derived from it, or pass any of these on to a third party, permission must first be sought from Chelsea Physic Garden. Such commercialisation will be subject to a separate agreement. Additionally, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits
3. On receiving the seeds, the recipient endeavours to document the received seeds, their origin (country of origin, first receiving garden, 'donor' of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
4. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
5. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD (ideally, the national focal point in the garden's home country).
6. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner.

I agree to comply with the conditions above.

Name

Institution

Address & Stamp

Signature & Date



2019 Desiderata


A maximum of 15 taxa may be ordered.

Your address:

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Taxa requested (only catalogue number required).

Please return the signed affidavit together with the completed order form to:

 Seed Room, Chelsea Physic Garden, 66 Royal Hospital Road, London SW3 4HS, United Kingdom.

 seedroom@chelseaphysicgarden.co.uk



The Worshipful Society of Apothecaries of London's Crest
on the Embankment Gate at Chelsea Physic Garden.
Drawn by Sophie Royde-Smith

Cover: *Solanum aviculare* by Margaret King
Chelsea Physic Garden Florilegium Society

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