

*Chelsea
Physic
Garden*

FOUNDED
1673

INDEX SEMINUM

QUÆ IN

HORTO PHYSICO CHELSEIANO
MUTUA COMMUTATIONE OFFERUNTUR



LONDON 2017

Chelsea Physic Garden

66 Royal Hospital Road, London SW3 4HS, United Kingdom.

www.chelseaphysicgarden.co.uk

seedroom@chelseaphysicgarden.co.uk

INDEX SEMINUM

QUAE IN

HORTO PHYSICO CHELSEIANO

MUTUA COMMUTATIONE OFFERUNTUR
2017

Director and Curator: Sue Medway
Taxonomist: Susyn Andrews
Head Gardener: Nell Jones
Seed Collectors: Garden Team
Seed Distribution: Lucy de Castro

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 2017 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 the Garden staff and volunteers.

Acanthaceae

1. *Strobilanthes attenuata* (Nees) Nees subsp. *attenuata*

Amaranthaceae

2. *Hablitzia tamnoides* M.Bieb.
3. *Pleuropetalum darwinii* Hook.f.

Apiaceae

4. *Ammi visnaga* (L.) Lam.
5. *Athamanta turbith* (L.) Brot.
6. *Athamanta vestina* A.Kern.
7. *Conium maculatum* L.
8. *Eryngium creticum* Lam.
9. *Eryngium pandanifolium* Cham. & Schldl.
10. *Ferula communis* L. subsp. *glauca* Rouy & Camus
11. *Heteromorpha arborescens* (Spreng.) Cham. & Schldl.
12. *Ligusticum scoticum* L.
13. *Melanoselinum decipiens* (Schrad. & Wendl.) Hoffm.

Aquifoliaceae

14. *Ilex pernyi* Franch.

Araceae

15. *Arisaema tortuosum* (Wall.) Schott

Asparagaceae

16. *Ruscus aculeatus* L.
17. *Scilla peruviana* L.

Asteraceae

18. *Artemisia annua* L.
19. *Echinacea pallida* (Nutt.) Nutt.
20. *Helichrysum fontanesii* Cambess.
21. *Helichrysum orientale* (L.) Gaertn.
22. *Inula helenium* L.
23. *Onopordum illyricum* L. subsp. *illyricum*
24. *Onopordum nogalesii* Svent.
25. *Podanthus ovatifolius* Lag.

26. *Rhaponticum centauroides* G.Don ex Loudon
27. *Santolina chamaecyparissus* L.
28. *Santolina magonica* O.Bolòs, Molin. & P.Monts.
29. *Santolina oblongifolia* Boiss.
30. *Santolina villosa* Mill.
31. *Tanacetum praeteritum* (Horwood) Heywood

Berberidaceae

32. *Mahonia napaulensis* DC.

Boraginaceae

33. *Echium wildpretii* Pearson ex Hook.f. subsp. *trichosiphon* Svent.
34. *Ehretia macrophylla* Wall.
35. *Heliotropium arborescens* L.

Brassicaceae

36. *Crambe maritima* L.
37. *Descurainia millefolia* (Jacq.) Webb & Berthel.
38. *Malcolmia chia* (L.) DC.
39. *Malcolmia maritima* (L.) R.Br.
40. *Moricandia arvensis* (L.) DC.
41. *Succowia balearica* (L.) Medik.

Campanulaceae

42. *Azorina vidalii* (H.C.Watson) Feer (pink flowered form)
43. *Campanula sarmatica* Ker Gawl.
44. *Musschia aurea* (L.f.) Dumort.

Caprifoliaceae

45. *Scabiosa cretica* L.
46. *Scabiosa minoana* (P.H.Davis) Greuter subsp. *minoana*

Caryophyllaceae

47. *Agrostemma githago* L.
48. *Agrostemma gracile* Boiss.
49. *Dianthus armeria* L.
50. *Dianthus fruticosus* L.
51. *Dianthus juniperinus* J.E.Sm. subsp. *bauhinorum* (Greuter) Turland
52. *Dianthus juniperinus* J.E.Sm. subsp. *idaeus* Turland
53. *Gypsophila acutifolia* Steven ex Spreng.
54. *Petrohragia saxifraga* (L.) Link
55. *Silene fimbriata* Sims

Cistaceae

56. *Cistus osbeckiifolius* Webb ex Christ

Cornaceae

57. *Alangium chinense* (Lour.) Harms

Cucurbitaceae

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

Cyperaceae

59. *Carex muricata* L. subsp. *muricata*

Elaeocarpaceae

60. *Crinodendron patagua* Molina

Euphorbiaceae

61. *Euphorbia mellifera* Aiton
62. *Euphorbia oblongata* Griseb.

Geraniaceae

63. *Pelargonium laxum* (Sweet) G.Don

Ginkgoaceae

64. *Ginkgo biloba* L.

Hypericaceae

65. *Hypericum forrestii* (Chitt.) N.Robson
66. *Hypericum grandifolium* Choisy
67. *Hypericum perforatum* L.

Lamiaceae

68. *Ballota hirsuta* Benth.
69. *Cedronella canariensis* (L.) Webb & Berthel.
70. *Lavandula minutolii* Bolle var. *minutolii*
71. *Lavandula viridis* L'Hér.
72. *Marrubium globosum* Montbret & Aucher ex Benth.
subsp. *libanoticum* (Boiss.) P.H.Davis
73. *Origanum dictamnus* L.
74. *Phlomis caballeroi* Pau
75. *Phlomis chrysophylla* Boiss.
76. *Rostrinucula dependens* (Rehder) Kudo
77. *Salvia aucheri* Benth.

78. *Salvia broussonetii* Benth.
79. *Salvia canariensis* L.
80. *Salvia hydrangea* DC. ex Benth.
81. *Stachys citrina* Boiss. & Heldr.
82. *Stachys tymphaea* Hausskn.
83. *Vitex agnus-castus* L.

Lauraceae

84. *Neolitsea aurata* (Hayata) Koidz.

Leguminosae

85. *Adenocarpus decorticans* Boiss.
86. *Caragana tragacanthoides* (Pall.) Poir.
87. *Ebenus cretica* L.
88. *Glycyrrhiza yunnanensis* S.H.Cheng & L.K.Dai ex P.C.Li
89. *Lathyrus niger* (L.) Bernh.
90. *Melilotus officinalis* (L.) Pallas
91. *Sophora cassioides* (F.Phil.) Sparre
92. *Spartium junceum* L.
93. *Trifolium rubens* L.

Malvaceae

94. *Althaea officinalis* L.
95. *Hoheria sexstylosa* Colenso
96. *Lavatera oblongifolia* Boiss.
97. *Modiolastrum lateritium* (Hook.) Krapov.
98. *Sida rhombifolia* L.

Melianthaceae

99. *Francoa sonchifolia* Cav.

Paeoniaceae

100. *Paeonia cambessedesii* (Willk.) Willk.
101. *Paeonia mascula* (L.) Mill.
102. *Paeonia mascula* (L.) Mill. subsp. *triternata* (Boiss.) Stearn & P.H.Davis

Papaveraceae

103. *Glaucium flavum* Crantz

Plantaginaceae

104. *Digitalis lanata* Ehrh.
105. *Digitalis sceptrum* L.f.
106. *Globularia cambessedesii* Willk.
107. *Globularia sarcophylla* Svent.
108. *Penstemon digitalis* Nutt.

Plumbaginaceae

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

Poaceae

110. *Coix lacryma-jobi* L.

Primulaceae

111. *Lysimachia ciliata* L.
112. *Lysimachia minoricensis* Rodrig.

Ranunculaceae

113. *Aconitum ferox* Wall. ex Ser.
114. *Anemone riparia* Fern.
115. *Nigella sativa* L.

Rhamnaceae

116. *Paliurus spina-christi* Mill.

Rosaceae

117. *Bencomia moquiniana* Webb & Berthel.
118. *Dendriopoterium menendezii* Svent.

Rutaceae

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

Scrophulariaceae

120. *Phygelius capensis* E.Mey. ex Benth.
121. *Verbascum arcturus* L.

Solanaceae

122. *Atropa belladonna* L.
123. *Datura stramonium* L.
124. *Hyoscyamus albus* L.
125. *Hyoscyamus aureus* L.
126. *Hyoscyamus niger* L.
127. *Physalis ixocarpa* Brot. ex Hornem.
128. *Vestia foetida* (Ruiz & Pav.) Hoffmanns.
129. *Withania coagulans* (Stocks) Dunal
130. *Withania somnifera* (L.) Dunal

Styracaceae

131. *Styrax officinalis* L.

Chelsea Physic Garden Weather Records 2017

Highest air temperature: 31.9°C (6 July)

Lowest air temperature: -2.2°C (21 January)

Annual rainfall total: 549.45

**Average monthly temperatures and total monthly rainfall:
Jan 2017 - Dec 2017**

	Air Max. (°C)	Air Min. (°C)	Ground (°C)	Rainfall (mm) total
January	7	2	3	67
February	11	6	9	33
March	16	8	11	10
April	17	7	12	5
May	22	12	16	55
June	25	15	25	44
July	24	16	21	92
August	23	14	19	67
September	21	12	16	37
October	18	11	14	24
November	12	5	8	45.2
December	11	4	8	7.9



2017 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 CBD¹.
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.

Date, Signature

Recipient's name and address, stamp

¹ ideally, the national focal point in the garden's home country



2017 Desiderata


A maximum of 25 taxa may be ordered. Please send requests to arrive by **31 March 2018**.

Your address:

--

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: *Dryopteris filix-mas* by Eiko Tanako
Chelsea Physic Garden Florilegium Society

Chelsea Physic Garden
66 Royal Hospital Road
London SW3 4HS
United Kingdom