



# **Index seminum atque sporarum anno ... collectorum**

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# INDEX SEMINUM

ATQUE

# SPORARUM

ANNO 1965 COLLECTORUM

NO. 12

UNIVERSITEITSBIBLIOTHEEK UTRECHT



4160 2883

BOTANICAL GARDENS  
"HORTUS BOTANICUS" AND "CANTONSPARK"  
OF THE STATE UNIVERSITY  
OF UTRECHT

NETHERLANDS

Director: Prof. Dr. J. Lanjouw  
Curator: H. Muysier  
Scientific Officer: E. A. Mennega

The "Hortus Botanicus" is situated, since the beginning of the 18th Century, at Utrecht.

The Botanical Garden "Cantonspark" is situated at Baarn, a village 20 km to the North East of Utrecht. Both are under the same direction as the Botanical Museum and Herbarium of the Utrecht University.

The seeds and spores from this list are available for exchange  
with Botanical Gardens.

Please return the numbered list enclosed herewith, with the  
numbers you wish to receive duly marked as soon as possible.

No requests will be taken into consideration after:

April 1st 1966

E. A. Mennega  
Scientific Officer of the Botanical Gardens  
Lange Nieuwstraat 106  
Utrecht — Netherlands

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All plants from which seeds were taken have been  
reidentified since 1950

## Pteridophyta

## CYATHEACEAE

1. *Cyathea cooperi* (Hook.) Domin

## DICKSONIACEAE

2. *Cibotium schiedei* Cham. et Schlechtd.

## POLYPODIACEAE

3. *Acrostichum danaeifolium*  
Langsd. et Fisch.
4. *Adiantum capillus - veneris* L.
5. *Adiantum cuneatum* Langsd. et Fisch.
6. *Adiantum diaphanum* Blume
7. *Adiantum hispidulum* Swartz
8. *Adiantum latifolium* Lam.
9. *Adiantum macrophyllum* Swartz
10. *Adiantum tenerum* Swartz
11. *Asplenium bulbiferum* Forst.
12. *Asplenium dalhousiae*  
W. J. Hook.
13. *Asplenium nidus* L.
14. *Asplenium obovatum* Viv.
15. *Asplenium trichomanes* L.
16. *Blechnum auriculatum* Desv.
17. *Blechnum brasiliense* Desv.
18. *Blechnum cartilagineum* Swartz
19. *Bolbitis diversifolia* (Blume)  
Schott
20. *Camptosorus sibiricus* Rupr.
21. *Ceterach officinarum* Willd.
22. *Ctenitis efulensis* (Baker) Tardieu
23. *Cyrtomium caryotideum* (Wall.)  
Presl var. *micropteris* (Kze.)  
C. Chr.
24. *Cyrtomium falcatum* (L.f.) Presl
25. *Cyrtomium fortunei* (L.f.) Smith
26. *Davallia chaerophylloides*  
(Poiret) Steudel
27. *Davallia pentaphylla* Blume
28. *Davallia trichomanoides* Blume  
var. *trichomanoides*
29. *Dennstaedtia cicutaria* Kuhn
30. *Didymochlaena truncatula* (Sw.)  
J. Smith
31. *Doodia caudata* (Cav.) R. Br.  
var. *caudata*
32. *Doodia caudata* (Cav.) R. Br.  
var. *lomarina* F. v. Muell.
33. *Dryopteris hirtipes* (Blume)  
O. Ktze.
34. *Elaphoglossum crinitum* (L.)  
Christ.
35. *Elaphoglossum plumosum* (Fée)  
Moore
36. *Fadyenia fadyenii* (Mett.)  
C. Chr.
37. *Gymnopteris tomentosa* (Lam.)  
Underw.
38. *Hemionitis arifolia* Moore
39. *Hemionitis palmata* L.
40. *Histiopteris incisa* (Thunb.)  
J. Smith
41. *Humata tyermannii* Moore
42. *Leucostegia pallida* (Mett.)  
Copel.
43. *Nephrolepis biserrata* (Sw.)  
Schott
44. *Nephrolepis cordifolia* (L.)  
Presl
45. *Nephrolepis exaltata* (L.)  
Schott
46. *Oleandra articulata* (Sw.) Presl
47. *Oleandra distenta* Kunze
48. *Pellaea ovata* (Desv.)  
Weatherby
49. *Pellaea rotundifolia* (Forst. f.)  
Hook.
50. *Pellaea viridis* (Forsk.) Prantl

51. *Phyllitis scolopendrium* L.  
 52. *Pityrogramma calomelanos* (L.) Link  
 53. *Platycterium angolense* Welw.  
 54. *Platycterium grande* (A. Cunn.) J. Smith  
 55. *Polypodium aureum* L. var. *aureum*  
 56. *Polypodium aureum* L. var. *areolatum* (H. et B. ex Willd.) Baker  
 57. *Polypodium crassifolium* L.  
 58. *Polypodium leucorrhizon* Klotzsch  
 59. *Polypodium nigrescens* Blume  
 60. *Polypodium persicariifolium* Schrader  
 61. *Polypodium polycarpon* Cav.  
 62. *Polypodium subauriculatum* Blume  
 63. *Polypodium triseriale* Swartz  
 64. *Polystichum polyblepharum* (Roem.) Presl  
 65. *Polystichum varium* Presl  
 66. *Pteris arguta* Ait.  
 67. *Pteris burtonii* Baker  
 68. *Pteris cretica* L. var. *wimsettii* Hook.  
 69. *Pteris multifida* Poir.  
 70. *Pteris tripartita* Swartz  
 71. *Quercifilix zeilanica* (Houtt.) Copel.  
 72. *Schaffneria delavayi* (Franch.) Tardieu  
 73. *Tectaria fernandensis* (Bak.) Bak.  
 74. *Tectaria gemmifera* (Fée) Alston  
 75. *Tectaria heracleifolia* (Willd.) Underw.  
 76. *Thelypteris dentata* (Forst.) E. St. John  
 77. *Thelypteris multilineata* (Wall.) Morton  
 78. *Thelypteris parasitica* (L.)  
 79. *Thelypteris poiteana* (Bory) Proctor  
 80. *Thelypteris setigera* (Blume)  
 81. *Woodsia polystichoides* J. C. Smith  
 82. *Woodwardia fimbriata* D. C. Eaton

## SCHIZAEACEAE

83. *Anemia phyllitidis* (L.) Swartz  
 84. *Anemia rotundifolia* Schrad.

## Angiospermae-Monocotyledones

## ALISMATACEAE

85. *Alisma plantago-aquatica* L.

## AMARYLLIDACEAE

86. *Allium flavum* L.  
 87. *Allium schoenoprasum* L.  
 88. *Allium senescens* L.  
 89. *Alstroemeria aurantiaca* D. Don  
 90. *Clivia nobilis* Lindl.  
 91. *Leucojum autumnale* L.

## ARACEAE

92. *Aglaonema commutatum* Schott  
 93. *Alocasia odora* (Roxb.) C. Koch  
 94. *Amorphophallus eichleri* (Engl.) J. D. Hook.  
 95. *Anthurium bakeri* J. D. Hook.  
 96. *Arum italicum* Mill.  
 97. *Lysichiton americanum* Hultén et St. John  
 98. *Nepenthes afzelii* Schott

## BROMELIACEAE

99. *Aechmea fulgens* Brongn.  
 100. *Aechmea luddemanniana* Brongn.  
 ex C. Koch  
 101. *Catopsis nutans* (Sw.) Griseb.  
 102. *Lindmannia penduliflora*  
 (C. H. Wright) Stapf  
 103. *Pitcairnea maidifolia* Decne.  
 104. *Pitcairnea punicea* Scheidw.  
 105. *Vriesea carinata* Wawra  
 106. *Vriesea splendens* (Brongn.) Lem.

## CANNACEAE

107. *Canna humilis* Bouché

## COMMELINACEAE

108. *Aneilema papuanum* Warb.  
 109. *Commelina coelestis* Willd.  
 110. *Rhoeo spathacea* (Swartz)  
 Stearn  
 111. *Tinantia fugax* Scheidw.

## CYPERACEAE

112. *Carex merritt-fernaldii* Mack  
 113. *Carex ovalis* Good.  
 114. *Carex pendula* Huds.  
 115. *Carex spicata* Huds.  
 116. *Cyperus alternifolius* L.

## GRAMINEAE

117. *Agropyron caninum* (L.) Beauv.  
 118. *Agropyron cristatum* Gaertn.  
 119. *Arthraxon ciliaris* Beauv.  
 120. *Beckmannia syzigachne*  
 (Steud.) Fern.  
 121. *Briza maxima* L.  
 122. *Coix lacryma - jobi* L.  
 123. *Dactylis glomerata* L.  
 124. *Echinochloa crus-galli* (L.)  
 Beauv.  
 125. *Eragrostis minor* Host  
 126. *Festuca glauca* Lam.

127. *Festuca ovina* L.  
 128. *Gastridium lendigerum* (L.)  
 Gaud.  
 129. *Haynaldia villosa* Schur.  
 130. *Koeleria glauca* (Schkuhr) DC.  
 131. *Lagurus ovatus* L.  
 132. *Lamarckia aurea* (L.) Moench  
 133. *Oryza sativa* L.  
 134. *Pennisetum typhoides* (Burm.)  
 Stapf et Hubbard  
 135. *Phalaris canariensis* L.  
 136. *Poa caesia* Sm.  
 137. *Setaria italica* (L.) Beauv.  
 138. *Spartina pectinata* Link  
 139. *Stipa capillata* L.  
 140. *Stipa pennata* L.  
 141. *Triticum compositum* L.  
 142. *Vulpia myuros* (L.) Gmel.

## IRIDACEAE

143. *Acidanthera bicolor* Hochst.  
 var. *murielae* Perry  
 144. *Chasmanthe bicolor* (Gasp.)  
 N.E.Br.  
 145. *Crocus zonatus* (Gay) Klatt  
 146. *Iris sibirica* L.  
 147. *Tigridia pavonia* (L.f.)  
 Ker-Gawl.

## JUNCACEAE

148. *Juncus alpinus* Vill.  
 149. *Luzula campestris* DC.  
 150. *Luzula nivea* (All.) DC.

## LILIACEAE

151. *Anthericum liliago* L.  
 152. *Anthericum ramosum* L.  
 153. *Camassia quamash* (Pursh)  
 Greene  
 154. *Danae racemosa* (L.) Moench

155. *Galtonia candicans* (Baker)  
Decne.  
156. *Lilium davidii* Duch.  
157. *Muscari botryoides* (L.)  
Mill.  
158. *Muscari latifolium* Kirk  
159. *Muscari neglectum* Guss.  
160. *Scilla chinensis* Benth.  
161. *Scilla hispanica* Mill.  
162. *Smilacina racemosa* (L.) Desf.  
163. *Tricyrtis hirta* (Thunb.) Hook.

164. *Veltheimia viridiflora* (L.)  
Jacq.  
165. *Zygadenus elegans* Pursh  
TACCACEAE  
166. *Schizocapsa plantaginea* Hance  
ZINGIBERACEAE  
167. *Brachychilus horsfieldii* (R.Br.)  
G. O. Petersen  
168. *Globba schomburgkii* J. D. Hook.

### Angiospermae-Dicotyledones

#### ACANTHACEAE

169. *Barleria prionitis* L.  
170. *Crossandra infundibuliformis*  
(L.) Nees  
171. *Crossandra nilotica* Oliv.  
172. *Ruellia lorentziana* Griseb.

#### ACERACEAE

173. *Acer ginnala* Maxim.

#### AIZOACEAE

174. *Aptenia cordifolia* (L.)  
Schwantes  
175. *Bergeranthus scapiger* (Haw.)  
Schwantes  
176. *Conicosia pugioniformis* (L.)  
N.E.Br.  
177. *Dorotheanthus bellidiformis*  
(Burm.) N.E.Br.  
178. *Glottiphyllum propinquum*  
N.E. Br.  
179. *Mollugo verticillata* L.  
180. *Tetragonia expansa* Murr.

#### AMARANTHACEAE

181. *Amaranthus hypochondriacus* L.

#### APOCYNACEAE

182. *Alyxia daphnoides* A. Cunn.  
183. *Rauvolfia tetraphylla* L.

#### AQUIFOLIACEAE

184. *Ilex serrata* Thunb.  
185. *Ilex verticillata* (L.) Gray

#### ARALIACEAE

186. *Acanthopanax divaricatus*  
(Sieb. et Zucc.) Seem.  
187. *Aralia cordata* Thunb.

#### ARISTOLOCHIACEAE

188. *Aristolochia elegans* Mast.  
189. *Aristolochia fimbriata* Cham.

#### ASCLEPIADACEAE

190. *Asclepias curassavica* L.  
191. *Asclepias fruticosa* L.  
192. *Ibatia maritima* (R.Br.) Decne.  
193. *Stephanotis floribunda* Brongn.  
194. *Vincetoxicum medium* Decne.

#### BALSAMINACEAE

195. *Impatiens glandulifera* Royle



196. *Impatiens scabrida* DC.

#### BASELLACEAE

197. *Basella alba* L.  
198. *Basella rubra* L.

#### BEGONIACEAE

199. *Begonia boliviensis* A.DC.

#### BERBERIDACEAE

200. *Berberis wilsonae* Hemsl. et Wils.

#### BETULACEAE

201. *Corylus avellana* L.

#### BORAGINACEAE

202. *Borago officinalis* L.  
203. *Brunnera macrophylla* (Adam)  
Johnston  
204. *Cerinth major* L.  
205. *Cerinth major* L.  
var. *purpurascens* Boiss.  
206. *Cerinth minor* L.  
207. *Cynoglossum amabile* Stapf et  
Drumm.  
208. *Cynoglossum officinale* L.  
209. *Cynoglossum wallichii* G. Don  
210. *Echium fastuosum* Jacq.  
211. *Echium italicum* L.  
212. *Lappula myosotis* Moench  
213. *Mertensia ciliata* (James) G. Don  
214. *Pentaglottis sempervirens* (L.)  
Tausch

#### BUDDLEIACEAE

215. *Buddleia alternifolia* Maxim.  
216. *Buddleia japonica* Hemsl.  
217. *Buddleia stenostachya* Rehd. et  
Wils.

#### CALYCERACEAE

218. *Acicarpa pinnatifida* Miers

#### CAMPANULACEAE

219. *Azorina vidalii* (H. C. Wats.)  
Feer  
220. *Campanula alliariaefolia* Willd.  
221. *Campanula lactiflora* Bieb.  
222. *Campanula latifolia* L.  
var. *macrantha* Sims  
223. *Campanula rapunculoides* L.  
224. *Downingia elegans* (Dougl.) Torr.  
225. *Isotoma longiflora* Presl  
226. *Lobelia inflata* L.  
227. *Lobelia sessilifolia* Lamb.  
228. *Phyteuma scheuchzeri* All.  
229. *Phyteuma spicatum* L.  
230. *Wahlenbergia pendula* Schrad.

#### CAPPARIDACEAE

231. *Cleome violacea* L.

#### CAPRIFOLIACEAE

232. *Lonicera tatarica* L.  
233. *Lonicera xylosteum* L.  
234. *Sambucus canadensis* L.  
235. *Sambucus racemosus* L.  
236. *Viburnum opulus* L.  
237. *Viburnum rhytidophyllum*  
Hemsl.  
238. *Viburnum sargentii* Koehne  
239. *Viburnum veitchii* C. H. Wright

#### CARYOPHYLLACEAE

240. *Agrostemma githago* L.  
241. *Coronaria tomentosa* A. Br.  
242. *Dianthus silvestris* Wulf.  
243. *Holosteum umbellatum* L.  
244. *Paronychia fastigiata* (Raf.) Fern.  
245. *Saponaria officinalis* L.

246. *Silene coeli-rosa* (L.) A.Br.  
 247. *Silene ramosissima* Desf.  
 248. *Silene secundiflora* Otth  
 249. *Silene tridentata* Desf.  
 250. *Tunica prolifera* (L.) Scop.  
 251. *Vaccaria pyramidata* Med.

#### CELASTRACEAE

252. *Euonymus sachalinensis*  
 (F. Schmidt) Maxim.

#### CHENOPODIACEAE

253. *Beta maritima* L.  
 254. *Chenopodium bonus-henricus* L.  
 255. *Chenopodium foetidum* Schrad.  
 256. *Chenopodium polyspermum* L.  
 257. *Chenopodium virgatum* (L.)  
 Jessen  
 258. *Hablitzia tamnoides* Bieb.

#### CISTACEAE

259. *Helianthemum ledifolium* (L.)  
 Willd.

#### CLETHRACEAE

260. *Clethra alnifolia* L.

#### CNEORACEAE

261. *Cneorum tricoccum* L.

#### COMPOSITAE

262. *Achillea tanacetifolia* All.  
 263. *Anacyclus pyrethrum* DC.  
 264. *Anacyclus radiatus* Loisel.  
 265. *Anaphalis margaritacea* (L.)  
 Benth. et Hook.  
 266. *Anthemis nobilis* L.  
 267. *Anthemis tinctoria* L.  
 268. *Anthemis triumfettii* (L.) DC.

269. *Arctium tomentosum* Mill.  
 270. *Artemisia vulgaris* L.  
 271. *Aster porteri* A. Gray  
 272. *Aster sedifolius* L.  
 273. *Bidens pilosa* L.  
 274. *Boltonia asteroides* (L.) P'Hér. var.  
*recognita* (Fern. et Griscom)  
 Cron.  
 275. *Brachycome iberidifolia* Benth.  
 276. *Calendula officinalis* L.  
 277. *Calimeris incisa* (Fisch.) DC.  
 278. *Centaurea atropurpurea*  
 Waldst. et Kit.  
 279. *Chondrilla juncea* L.  
 280. *Chrysanthemum coronarium* L.  
 281. *Cicerbita alpina* (L.) Wallr.  
 282. *Cichorium intybus* L.  
 283. *Cirsium oleraceum* (L.) Scop.  
 284. *Cladanthus arabicus* (L.) Cass.  
 285. *Cnicus benedictus* L.  
 286. *Coreopsis stillmannii* Jeps.  
 287. *Coreopsis tripteris* L.  
 288. *Crepis aurea* (L.) Cass.  
 289. *Crepis rubra* L.  
 290. *Crupina vulgaris* Cass.  
 291. *Dahlia merckii* Lehm.  
 292. *Dimorphotheca pluvialis* (L.)  
 Moench  
 293. *Echinops banaticus* Roch.  
 294. *Erechthites hieraciifolius* (L.)  
 Raf.  
 295. *Erigeron glabellus* Nutt.  
 296. *Eupatorium rugosum* Houtt.  
 297. *Gamolepis tagetes* (L.) DC.  
 298. *Hedynois cretica* (L.) Willd.  
 299. *Helenium autumnale* L.  
 300. *Helianthella quinquenervis*  
 A. Gray  
 301. *Helichrysum bracteatum* (Vent.)  
 Willd. var. *compositum* Nich.  
 302. *Lactuca scariola* L.  
 303. *Laya platyglossa* A. Gray

304. *Liatris spicata* (L.) Willd. var.  
    *callilepis* Boom et Ruys
305. *Ligularia dentata* (Gray) Hara
306. *Ligularia veitchiana* (Hemsl.)  
    Greenm.
307. *Microglossa albescens* (DC.)  
    C. B. Clarke
308. *Olearia haastii* J. D. Hook.
309. *Osteospermum vaillantii*  
    (Decne.) Norl.
310. *Ratibida pinnata* (Vent.) Barnh.
311. *Sanvitalia procumbens* Lam.
312. *Senecio adonidifolius* Loisel.
313. *Senecio doria* L.
314. *Serratula tinctoria* L.
315. *Siegesbeckia orientalis* L.
316. *Silphium perfoliatum* L.
317. *Silybum marianum* (L.) Gaertn.
318. *Solidago gigantea* Ait.  
    var. *leiophylla* Fern.
319. *Spilanthes oleracea* L.
320. *Tanacetum vulgare* L.
321. *Telekia speciosa* (Schreb.)  
    Baumg.
322. *Tithonia rotundifolia* (Mill.)  
    Blake
323. *Tolpis barbata* Gaertn.
324. *Urospermum picrioides* (L.)  
    Schmidt
325. *Verbesina alata* L.
326. *Verbesina alternifolia* (L.) Britt.
327. *Verbesina helianthoides* Michx.
328. *Xanthium strumarium* L.
329. *Xeranthemum foetidum* Moench

## CONVOLVULACEAE

330. *Convolvulus undulatus* Cav.
331. *Ipomoea purpurea* Roth

## CORIARIACEAE

332. *Coriaria japonica* Gray

## CORNACEAE

333. *Corokia cotoneaster* Raoul

## CRASSULACEAE

334. *Aichryson dichotomum* (DC.)  
    Webb et Berth.
335. *Chiastophyllum oppositifolium*  
    Berger
336. *Echeveria agavoides* Lem.
337. *Sedum acre* L.
338. *Sedum aizoon* L.
339. *Sedum douglasii* W. J. Hook.
340. *Sedum middendorffianum* Maxim.
341. *Sedum oreganum* Nutt.

## CRUCIFERAE

342. *Barbarea vulgaris* R. Br.
343. *Berteroa incana* (L.) DC.
344. *Biscutella auriculata* L.
345. *Brassica napus* L.
346. *Bunias orientalis* L.
347. *Camelina rumelica* Velen.
348. *Camelina sativa* (L.) Crantz
349. *Coronopus squamatus* Aschers.
350. *Crambe hispanica* L. ssp.  
    *glabrata* (DC.) Coss.
351. *Eruca vesicaria* (L.) Cav.
352. *Eruca vesicaria* (L.) Cav. ssp.  
    *sativa* (Mill.) Thell.
353. *Ionopsidium acaule* (Desf.) Rechb.
354. *Lepidium draba* L.
355. *Lobularia maritima* (L.) Desv.
356. *Lunaria annua* L.
357. *Lunaria rediviva* L.
358. *Malcolmia chia* (L.) DC.
359. *Malcolmia maritima* (L.) R.Br.
360. *Moricandia arvensis* (L.) DC.
361. *Myagrum perfoliatum* L.
362. *Sinapis arvensis* L.
363. *Vella annua* L.

## CUCURBITACEAE

364. *Benincasa hispida* Cogn.  
 365. *Bryonopsis laciniosa* (L.) Naud.  
     var. *erythrocarpa* (F. Muell.)  
     Naud.  
 366. *Cyclanthera explodens* Naud.  
 367. *Echinocystis wrightii* Cogn.  
 368. *Luffa cylindrica* (L.) Roem.

## CUSCUTACEAE

369. *Cuscuta gronovii* Willd.

## DATISCAEAE

370. *Datisca cannabina* L.

## DIPSACACEAE

371. *Cephalaria tatarica* Schrad.  
 372. *Dipsacus silvestris* Mill.  
 373. *Succisa pratensis* Moench  
 374. *Succisella inflexa* (Kluk.) Beck

## DROSERACEAE

375. *Dionaea muscipula* Ellis  
 376. *Drosera capensis* L.

## ERICACEAE

377. *Chamaedaphne calyculata* (L.)  
     Moench  
 378. *Enkianthus campanulatus*  
     (Miq.) Nichols,  
 379. *Kalmia angustifolia* L.  
 380. *Kalmia polifolia* Wangenh.  
 381. *Ledum groenlandicum* Oed.  
 382. *Pernettya mucronata* (L.) Gaud.  
 383. *Pieris japonica* (Thunb.) D. Don  
 384. *Vaccinium corymbosum* L.  
 385. *Vaccinium corymbosum* L.  
     f. *caesariense* (Mack.) Camp  
 386. *Zenobia pulverulenta* (Bartr.)  
     Pollard

## ERYTHROXYLACEAE

387. *Erythroxylum coca* Lam.

## EUPHORBIACEAE

388. *Dalechampia roezliana*  
     Muell.-Arg.  
 389. *Euphorbia bubalina* Boiss.  
 390. *Euphorbia lathyris* L.  
 391. *Euphorbia segetalis* L.  
 392. *Ricinus communis* L.  
 393. *Securinega suffruticosa* (Pall.)  
     Rehd.

## GERANIACEAE

394. *Erodium ciconium* (L.) Ait.  
 395. *Erodium moschatum* (L.) l'Hér.  
 396. *Geranium macrorrhizum* L.  
 397. *Geranium pratense* L.  
 398. *Geranium silvaticum* L.  
 399. *Pelargonium inodorum* Willd.

## GESNERIACEAE

400. *Achimenes candida* Lindl.  
 401. *Achimenes coccinea* (Scop.)  
     Pers.  
 402. *Achimenes ehrenbergii* (Hanst.)  
     H. E. Moore  
 403. *Achimenes grandiflora*  
     (Schiede) DC.  
 404. *Achimenes mexicana* (Seem.)  
     Benth. et J. D. Hook.  
 405. *Achimenes misera* Lindl.  
 406. *Achimenes pedunculata* Benth.  
 407. *Achimenes skinneri* Lindl.  
 408. *Alloplectus capitatus* W. J. Hook.  
 409. *Alloplectus vittatus* Linden et  
     André  
 410. *Chirita hamosa* Wall ex R.Br.  
 411. *Chirita lavandulacea* Stapf  
 412. *Chirita micromusa* B. L. Burtt

413. *Chirita pumila* D. Don  
 414. *Chrysothemis friedrichsthaliana*  
 (Hanst.) H. E. Moore  
 415. *Diastema quinquevulnerum*  
 Planch. et Linden  
 416. *Episcia melittifolia* (L.) Mart.  
 417. *Episcia punctata* (Lindl.) Hanst.  
 418. *Koellikeria erinoides* (DC.) Mansf.  
 419. *Kohleria bogotensis* (Nicholson)  
 Fritsch  
 420. *Ramonda myconi* (L.) F. Schultz  
 421. *Rhytidophyllum tomentosum*  
 Mart.  
 422. *Sinningia speciosa* (Lodd.) Hiern  
 423. *Streptocarpus polyanthus*  
 W. J. Hook.  
 424. *Streptocarpus reynoldsii*  
 Verdoorn  
 425. *Streptocarpus rimicola* Story  
 426. *Streptocarpus wendlandii* Spreng.  
 427. *Streptocarpus wilmsii* Engl.

## HALORAGIDACEAE

428. *Haloragis erecta* (Murr.) Schindler

## HIPPOCASTANEACEAE

429. *Aesculus glabra* Willd.

## HYDROPHYLLACEAE

430. *Hydrophyllum canadense* L.  
 431. *Hydrophyllum virginianum* L.  
 432. *Nemophila maculata* Benth.

## HYPERICACEAE

433. *Hypericum hircinum* L.  
 434. *Hypericum hookerianum* Wight  
 et Arn.  
 435. *Hypericum olympicum* L.  
 436. *Hypericum perforatum* L.

## JUGLANDACEAE

437. *Carya cordiformis* (Wangh.)  
 K. Koch

## LABIATAE

438. *Agastache foeniculum* (Pursh)  
 Ktze.  
 439. *Ballota nigra* L.  
 440. *Cedronella canariensis* (L.)  
 Webb et Berth.  
 441. *Dracocephalum moldavica* L.  
 442. *Elsholtzia ciliata* (Thunb.) Hyl.  
 443. *Hedeoma hispida* Pursh  
 444. *Hyssopus officinalis* L.  
 445. *Leonurus cardiaca* L.  
 446. *Mentha longifolia* (L.) Huds.  
 447. *Monarda fistulosa* L. var. *mollis*  
 Benth.  
 448. *Nepeta cataria* L.  
 449. *Pycnanthemum flexuosum* (Walt.)  
 B.S.P.  
 450. *Salvia horminum* L.  
 451. *Salvia patens* Cav.  
 452. *Salvia sclarea* L.  
 453. *Salvia verbenaca* L.  
 454. *Salvia verbenaca* L. ssp.  
*clandestina* (L.) Briq.  
 455. *Salvia verticillata* L.  
 456. *Satureja grandiflora* (L.)  
 Scheele  
 457. *Satureja hortensis* L.  
 458. *Stachys officinalis* (L.) Trev.  
 459. *Teucrium botrys* L.  
 460. *Ziziphora capitata* L.

## LARDIZABALACEAE

461. *Decaisnea fargesii* Franch.

## LIMNANTHACEAE

462. *Limnanthes douglasii* R.Br.

## LINACEAE

463. *Linum usitatissimum* L.

## LOASACEAE

464. *Blumenbachia hieronymii* Urb.  
 465. *Blumenbachia urens* Urb.  
 466. *Cajophora lateritia* (Hook.)  
 Klotzsch  
 467. *Eucnide bartonioides* Zucc.  
 468. *Gronovia scandens* L.  
 469. *Loasa triphylla* Juss. var.  
*vulcanica* Urb. et Gilg

## LOGANIACEAE

470. *Anthocleista djalensis* A. Chev.

## LORANTHACEAE

471. *Viscum album* L. (on *Sorbus*)

## LYTHRACEAE

472. *Ammannia coccinea* Rottb.  
 473. *Ammannia latifolia* L.  
 474. *Cuphea ignea* A. DC.  
 475. *Cuphea lanceolata* Ait.  
 476. *Heimia salicifolia* (H.B.K.) Link  
 477. *Lythrum hyssopifolium* L.

## MALVACEAE

478. *Abutilon indicum* Sweet  
 479. *Althaea cannabina* L.  
 480. *Althaea officinalis* L.  
 481. *Hibiscus lavateroides* Moric.  
 482. *Hibiscus manihot* L.  
 483. *Hibiscus trionum* L.  
 484. *Lavatera thuringiaca* L.  
 485. *Malva pusilla* Withering  
 486. *Malva silvestris* L.  
 487. *Malva verticillata* L.  
 488. *Malvastrum coromandelianum*  
 (L.) Garcke

489. *Modiola caroliniana* (L.)

G. Don

490. *Sida hermaphrodita* (L.) Rusby  
 491. *Sidalcea candida* A. Gray  
 492. *Sidalcea neo-mexicana* A. Gray  
 var. *parviflora* (Greene) Roush

## MELASTOMATACEAE

493. *Clidemia hirta* (L.) D. Don  
 494. *Tibouchina semidecandra* Cogn.

## MIMOSACEAE

495. *Albizzia lophantha* (Willd.)  
 Benth.  
 496. *Mimosa pudica* L.

## MYRICACEAE

497. *Myrica pensylvanica* Loisel.

## MYRSINACEAE

498. *Ardisia crispa* A. DC.

## MYRTACEAE

499. *Eugenia uniflora* L.

## NOLANACEAE

500. *Nolana paradoxa* Lindl.  
 501. *Nolana prostrata* L.

## NYCTAGINACEAE

502. *Mirabilis jalapa* L.  
 503. *Mirabilis longiflora* L.

## OENOTHERACEAE

504. *Boisduvalia densiflora* (Lindl.)  
 Wats.  
 505. *Circaea lutetiana* L.

506. *Clarkia concinna* (Fisch. et Mey.)  
Greene  
507. *Epilobium fleischeri* Hochst.  
508. *Fuchsia arborescens* Sims  
509. *Fuchsia procumbens* Cunn.  
510. *Gaura lindheimeri* Engelm. et  
Gray  
511. *Godetia purpurea* (Curtis)  
G. Don  
512. *Jussieua suffruticosa* L.  
513. *Lopezia coronata* Andr.  
514. *Oenothera perennis* L.

## OLEACEAE

515. *Ligustrum vulgare* L.  
516. *Syringa reflexa* Schneid.

## OXALIDACEAE

517. *Oxalis deppei* Lodd.

## PAEONIACEAE

518. *Paeonia lutea* Franch. var.  
*ludlowii* Stern et Taylor  
519. *Paeonia potaninii* Kom. var.  
*trollioides* (Stapf) Stern

## PAPAVERACEAE

520. *Argemone mexicana* L.  
521. *Chelidonium majus* L.  
522. *Corydalis sempervirens* (L.)  
Pers.  
523. *Cystocapnos vesicarius* (L.) Fedde  
524. *Eschscholzia lobbii* Greene  
525. *Fumaria capreolata* L.  
526. *Glaucium flavum* Crantz  
527. *Hypecoum procumbens* L.  
ssp. *grandiflorum* Benth.  
528. *Meconopsis betonicifolia* Franch.  
529. *Meconopsis cambrica* (L.) Vig.  
530. *Papaver commutatum* Fisch. et  
Mey.

531. *Papaver nudicaule* L.  
532. *Papaver orientale* L.  
533. *Papaver rhoeas* L.  
534. *Papaver somniferum* L.

## PAPILIONACEAE

535. *Abrus precatorius* L.  
536. *Anthyllis tetraphylla* L.  
537. *Bonjeania hirsuta* (L.) Rchb.  
538. *Carmichaelia australis* R.Br.  
539. *Cercis siliquastrum* L.  
540. *Colutea arborescens* L.  
541. *Cytisus albus* Hacq.  
542. *Dorycnium suffruticosum* Vill.  
543. *Kennedia rubicunda* (Scheev.)  
Vent.  
544. *Laburnum alpinum* (Mill.)  
Bercht. et Presl  
545. *Lathyrus angulatus* L.  
546. *Lathyrus annuus* L.  
547. *Lathyrus aphaca* L.  
548. *Lathyrus articulatus* L.  
549. *Lathyrus montanus* (L.) Bernh.  
550. *Lathyrus niger* (L.) Bernh.  
551. *Lathyrus nissolia* L.  
552. *Lathyrus sativus* L.  
553. *Lathyrus sativus* L. f. *coeruleus*  
(Alef.) Aschers. et Graebn.  
554. *Lathyrus tingitanus* L.  
555. *Lathyrus vernus* (L.) Bernh.  
var. *gracilis* (Gaud.) Arcang.  
556. *Lens culinaris* Med.  
557. *Lotus ornithopodioides* L.  
558. *Medicago minima* (L.) Bart.  
559. *Medicago orbicularis* (L.) All.  
560. *Ononis pendula* Desf.  
561. *Psoralea bituminosa* L.  
562. *Rhynchosia pyramidalis* (Lam.)  
Urban  
563. *Scorpiurus vermiculatus* L.  
564. *Securigera securidaca* (L.)  
Deg. et Dörfl.

565. *Soja max* (L.) Piper  
 566. *Tetragonolobus purpureus*  
 567. *Trifolium alpestre* L.  
 568. *Trifolium pannonicum* L.  
 569. *Trifolium rubens* L.  
 570. *Trifolium stellatum* L.  
 571. *Trigonella foenum-graecum* L.

## PASSIFLORACEAE

572. *Passiflora quadrangularis* L.  
 573. *Passiflora suberosa* L.

## PEDALIACEAE

574. *Ceratotheca triloba* E. Mey.

## PHRYMACEAE

575. *Phryma leptostachya* L.

## PHYTOLACCACEAE

576. *Hillieria latifolia* (Lam.) H. Walt.  
 577. *Phytolacca acinosa* Roxb.  
 578. *Phytolacca clavigera*  
 W. W. Smith  
 579. *Rivina humilis* L.

## PLANTAGINACEAE

580. *Plantago coronopus* L.  
 581. *Plantago cynops* L.  
 582. *Plantago lagopus* L.  
 583. *Plantago lagopus* L. var.  
*cylindrica* Boiss.  
 584. *Plantago psyllium* L.

## PLUMBAGINACEAE

585. *Limonium suwerowii* (Regel)  
 O. Ktze.  
 586. *Limonium vulgare* Mill.  
 587. *Plumbago caerulea* H.B.K.

## POLEMONIACEAE

588. *Collomia biflora* (Ruiz et Pav.)  
 Brand  
 589. *Collomia heterophylla*  
 W. J. Hook.  
 590. *Collomia linearis* Nutt.  
 591. *Gilia achilleaefolia* Benth.  
 592. *Gilia laciniata* Ruiz et Pav.  
 593. *Linanthus androsaceus* (Benth.)  
 Greene  
 594. *Navarretia squarrosa*  
 (Eschsch.) Hook. et Arn.  
 595. *Polemonium caeruleum* L.

## POLYGONACEAE

596. *Fagopyrum esculentum* Moench  
 597. *Oxyria digyna* (L.) Hill  
 598. *Polygonum aubertii* L. Henry  
 599. *Polygonum compactum*  
 J. D. Hook.  
 600. *Polygonum molle* D. Don

## PORTULACACEAE

601. *Calandrinia compressa* Schrad.  
 602. *Montia sibirica* (L.) Pax et  
 K. Hoffm.  
 603. *Talinum paniculatum* (Jacq.)  
 Gaertn.

## PRIMULACEAE

604. *Anagallis caerulea* Schreb.  
 605. *Lysimachia punctata* L.

## RANUNCULACEAE

606. *Aconitum vulparia* Rchb.  
 607. *Actaea alba* (L.) Mill.  
 608. *Actaea spicata* L.  
 609. *Aquilegia atrata* Koch  
 610. *Clematis dioscoreifolia* Lévl. et  
 Vanoit var. *robusta* (Carr.)  
 Rehd.



611. *Clematis recta* L.  
 612. *Clematis virginiana* L.  
 613. *Clematis vitalba* L.  
 614. *Delphinium tatsienense* Franch.  
 615. *Helleborus corsicus* Willd.  
 616. *Leptopyrum fumarioides* Rchb.  
 617. *Myosurus minimus* L.  
 618. *Ranunculus monspeliacus* L.  
 619. *Ranunculus muricatus* L.  
 620. *Trollius pumilus* D. Don

## RESEDACEAE

621. *Reseda alba* L.  
 622. *Reseda crystallina* Webb et Berth.  
 623. *Reseda lutea* L.

## ROSACEAE

624. *Acaena glaucophylla* Bitter  
 625. *Aronia arbutifolia* (L.)  
 Elliott f. *leiocalyx* Rehd.  
 626. *Aronia melanocarpa* (Michx.)  
 Elliott  
 627. *Aruncus silvester* Kostel.  
 628. *Cotoneaster franchetii* Bois  
 629. *Cotoneaster moupinensis*  
 Franch.  
 630. *Cotoneaster salicifolia* Franch.  
 var. *floccosa* Rehd. et Wils.  
 631. *Crataegus macracantha* Lodd.  
 632. *Crataegus pedicellata* Sarg.  
 633. *Duchaisnea indica* (Andr.) Focke  
 634. *Filipendula vulgaris* Moench  
 635. *Geum urbanum* L.  
 636. *Gillenia trifoliata* (L.) Moench  
 637. *Holodiscus discolor* (Pursh)  
 Maxim. var. *ariaefolia* (Sm.)  
 Aschers. et Graebn.  
 638. *Neillia thyrsiflora* D. Don  
 639. *Neviusia alabamensis* Gray  
 640. *Potentilla rupestris* L.  
 641. *Prunus serotina* Ehrh.

642. *Raphiolepis umbellata* (Thunb.)  
 Mak.  
 643. *Sanguisorba obtusum* Maxim.  
 644. *Sanguisorba tenuifolia* Fisch.  
 ex Link  
 645. *Sibiraea laevigata* (L.) Maxim.  
 646. *Sorbaria tomentosa* (Lindl.) Rehd.  
 647. *Sorbus commixta* Hedl.  
 648. *Spiraea albiflora* (Miq.) Zab.  
 649. *Spiraea japonica* L. f.  
 650. *Spiraea media* Schmidt  
 651. *Spiraea tomentosa* L.

## RUBIACEAE

652. *Ophiorrhiza mungos* L.  
 653. *Psychotria kirkii* Hiern  
 654. *Sherardia arvensis* L.  
 655. *Spermacoce tenuior* L.  
 656. *Vaillantia hispida* (L.) DC.

## RUTACEAE

657. *Boenninghousenia albiflora* Rchb.  
 658. *Ptelea trifoliata* L.  
 659. *Ruta graveolens* L.

## SAPINDACEAE

660. *Cardiospermum halicacabum* L.

## SAXIFRAGACEAE

661. *Astilbe davidii* (Franch.) Henry  
 662. *Boykinia elata* (Nutt.) Greene  
 663. *Boykinia tellimoides* Engl.  
 664. *Deutzia scabra* Thunb.  
 665. *Francoa appendiculata* Cav.  
 666. *Heuchera americana* L.  
 667. *Tellima grandiflora* (Pursh) Dougl.

## SCROPHULARIACEAE

668. *Alonsoa meridionalis* (L.f.) Krze.  
 669. *Alonsoa warszewiczii* Regel  
 670. *Antirrhinum orontium* L.

671. *Asarina antirrhiniflora* (Humb. et Bonpl.) Pennell  
 672. *Asarina purpusii* (T. S. Brandegee) Pennell  
 673. *Calceolaria scabiosaefolia* Roem. et Schult.  
 674. *Celsia orientalis* L.  
 675. *Collinsia heterophylla* R. Grah.  
 676. *Dermatobotrys saundersii* Bolus  
 677. *Digitalis grandiflora* Mill.  
 678. *Digitalis purpurea* L.  
 679. *Leucocarpus perfoliatus* (W. J. Hook.) Benth.  
 680. *Linaria supina* Desf.  
 681. *Nemesia floribunda* Lehm.  
 682. *Penstemon diffusus* Dougl.  
 683. *Penstemon digitalis* Nutt.  
 684. *Rhodochiton atrosanguinea* (Zucc.) Rothm.  
 685. *Scrophularia vernalis* L.  
 686. *Tetranema mexicanum* Benth.  
 687. *Torenia flava* Buch.-Ham.  
 688. *Torenia fournieri* Lind.  
 689. *Torenia peduncularis* Benth.  
 690. *Veronica gentianoides* Vahl  
 691. *Wulfenia carinthiaca* Jacq.  
 692. *Zaluzianskya capensis* Walp.  
 693. *Zaluzianskya villosa* F. W. Schmidt

## SELAGINACEAE

694. *Dischisma arenarium* E. Mey.  
 695. *Hebenstreitia watsoni* Rolfe

## SOLANACEAE

696. *Atropa belladonna* L.  
 697. *Atropa belladonna* L. var. *lutea* Döll  
 698. *Browallia demissa* L.  
 699. *Browallia viscosa* H.B.K.  
 700. *Cestrum elegans* (Brongn.) Schlecht.

701. *Cestrum nocturnum* L.  
 702. *Datura stramonium* L. var. *chalybea* Koch  
 703. *Hyoscyamus niger* L.  
 704. *Hyoscyamus niger* L. var. *pallidus* Waldst. et Kit.  
 705. *Nicandra physaloides* (L.) Gaertn.  
 706. *Nicotiana alata* Link et Otto  
 707. *Nicotiana langsdorfii* Weinm.  
 708. *Nicotiana rustica* L.  
 709. *Nicotiana tabacum* L.  
 710. *Saracha jaltomata* Schlecht.  
 711. *Scopolia lurida* (Link) Dun.  
 712. *Solanum dulcamara* L.  
 713. *Solanum sisymbriifolium* Lam.  
 714. *Solanum sodomaeum* L.  
 715. *Withania frutescens* (L.) Panq.

## STYRACACEAE

716. *Halesia monticola* (Rehd.) Sarg.  
 717. *Pterostyrax hispida* Sieb. et Zucc.

## TAMARICACEAE

718. *Myricaria germanica* (L.) Desv.

## TILIACEAE

719. *Entelea arborescens* R.Br.  
 720. *Sparmannia palmata* E. Mey.  
 721. *Tilia platyphyllos* Scop.

## TROPAEOLACEAE

722. *Tropaeolum majus* L.

## UMBELLIFERAE

723. *Aethusa cynapium* L.  
 724. *Ammi majus* L.  
 725. *Astrantia major* L.  
 726. *Bifora testiculata* (L.) DC.  
 727. *Bowlesia tenera* Spreng.  
 728. *Carum carvi* L.

729. *Chaerophyllum aromaticum* L.  
 730. *Chaerophyllum aureum* L.  
 731. *Coriandrum savitum* L.  
 732. *Eryngium giganteum* Bieb.  
 733. *Eryngium planum* L.  
 734. *Hydrocotyle dissecta* J. D. Hook.  
 735. *Levisticum officinale* L.  
 736. *Myrrhis odorata* (L.) Scop.  
 737. *Oenanthe pimpinelloides* L.  
 738. *Pimpinella peregrina* L.  
 739. *Scandix balansae* Reut.  
 740. *Scandix pecten-veneris* L.  
 741. *Trachymene pilosa* Sm.

## URTICACEAE

742. *Parietaria officinalis* L.  
 743. *Pilea microphylla* Liebm.  
 744. *Urtica pilulifera* L.

## VALERIANACEAE

745. *Centranthus calcitrapa* DC.  
 746. *Centranthus macrosiphon* Boiss.  
 747. *Valeriana alliariifolia* Vahl  
 748. *Valeriana officinalis* L.  
 749. *Valerianella carinata* Loisel.

## VERBENACEAE

750. *Callicarpa longifolia* Lam.  
 751. *Clerodendrum speciosissimum*  
 van Geert  
 752. *Teucrium parviflorum*  
 J. D. Hook.  
 753. *Verbena elegans* H.B.K.  
 754. *Verbena hastata* L.  
 755. *Verbena litoralis* H.B.K.  
 756. *Verbena rigida* Spreng.  
 757. *Verbena urticifolia* L.

## VIOLACEAE

758. *Viola odorata* L.  
 759. *Viola rugulosa* Greene  
 760. *Viola tricolor* L.  
 ssp. *subalpina* Gaud.

## VITACEAE

761. *Ampelopsis megalophylla* Diels  
 et Gilg  
 762. *Vitis amurensis* Rupr.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion.

As a result of the demographic changes, the number of children in the world who are under 15 years of age is expected to increase from 1.1 billion in 1990 to 1.5 billion in 2000.

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the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 12.5 million (1990-2000).

There is a growing awareness of the need to address the health care needs of the elderly population. The Department of Health (2000) has set out a strategy for the care of the elderly, which includes a commitment to improve the health and quality of life of the elderly population. This strategy is based on the following principles: (1) to ensure that the elderly population has access to the services they need; (2) to ensure that the services are of high quality; and (3) to ensure that the services are cost-effective.

The Department of Health (2000) has also set out a number of key objectives for the care of the elderly population. These include: (1) to reduce the number of elderly people who are in long-term care; (2) to improve the health and quality of life of elderly people; and (3) to ensure that the elderly population has access to the services they need.

The Department of Health (2000) has also set out a number of key actions to achieve these objectives. These include: (1) to improve the health and quality of life of elderly people; (2) to ensure that the elderly population has access to the services they need; and (3) to ensure that the services are of high quality and cost-effective.

The Department of Health (2000) has also set out a number of key indicators to monitor the progress of the care of the elderly population. These include: (1) the number of elderly people who are in long-term care; (2) the health and quality of life of elderly people; and (3) the access of the elderly population to the services they need.

The Department of Health (2000) has also set out a number of key challenges for the care of the elderly population. These include: (1) the increasing number of elderly people; (2) the increasing complexity of the health care needs of elderly people; and (3) the increasing cost of the care of elderly people.

The Department of Health (2000) has also set out a number of key opportunities for the care of the elderly population. These include: (1) the increasing awareness of the need to address the health care needs of the elderly population; (2) the increasing commitment of the government to improve the health and quality of life of the elderly population; and (3) the increasing commitment of the public to support the care of the elderly population.

The Department of Health (2000) has also set out a number of key messages for the care of the elderly population. These include: (1) to ensure that the elderly population has access to the services they need; (2) to ensure that the services are of high quality; and (3) to ensure that the services are cost-effective.

The Department of Health (2000) has also set out a number of key conclusions for the care of the elderly population. These include: (1) the need to improve the health and quality of life of the elderly population; (2) the need to ensure that the elderly population has access to the services they need; and (3) the need to ensure that the services are of high quality and cost-effective.