

XV. *A Catalogue of the Fifty Plants from Chelsea Garden, presented to the Royal Society by the worshipful Company of Apothecaries, for the Year 1764, pursuant to the Direction of Sir Hans Sloane, Bart. Med. Reg. et Soc. Reg. aliquando Præses: By John Wilmer, M. D. clariff. Societatis Pharmaceut. Lond. Soc. Hort. Chelsean. Præfectus et Prælector Botanic.*

- Read March 14, } 2101 **A** *Chillea* foliis bipinnatis
1764. } subpilosis, laciniis linearibus, dentatis, auriculis decussatis. Linn. Sp. plant. 1267.
- 2102 *Achillea* foliis setaceis dentatis, denticulis subintegris subulatis reflexis. Hort. Cliff. 412.
- 2103 *Amaranthus* glomeribus triandris pentandriisque, foliis ovatis obtusissimis emarginatis rugosis. Linn. Sp. plant. 1403.
- 2104 *Anastatica* foliis obtusis, spicis axillaribus brevissimis, filiculis unguulatis spinosis. Linn. Sp. plant. 895.
- 2105 *Antirrhinum* foliis lanceolatis sparsis, inferioribus oppositis, nectariis subulatis, floribus subfessilibus. Hort. Cliff. 498.
- 2106 *Astragalus* caulescens procumbens, leguminibus contortuplicatis villosis. Linn. Sp. plant. 1068.

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- 2107 *Bidens* foliis trifidis quinatisque ferratis petiolatis, pedunculis longissimis.
- 2108 *Borago* foliis ramificationum oppositis amplexicaulibus, calycinis foliolis sagittatis. Linn. Sp. plant. 197.
- 2109 *Bupleurum frutescens*, foliis obovatis integerrimis. Linn. Sp. plant. 343.
- 2110 *Carica foliorum lobis sinuatis*. Hort. Cliff. 461.
- 2111 *Cassia* foliis octojugis ovato-oblongis æqualibus, glandula baseos petiolorum. Hort. Cliff. 159.
- 2112 *Chrysanthemum Indicum* foliis simplicibus ovatis sinuatis angulatis ferratis acutis. Linn. Sp. plant. 1253.
- 2113 *Cistus* (*Ægyptiacus*) herbaceus erectus stipulatus foliis lineari lanceolatis petiolatis, calycibus inflatis corolla majoribus. Linn. Sp. plant. 742.
- 2114 *Cleome* floribus gynandris, foliis quinatis, caule inermi. Linn. Sp. plant. 938.
- 2115 *Corchorus* capsulis linearibus compressis, foliis lanceolatis æqualiter ferratis. Linn. Sp. plant. 746.
- 2116 *Coris* (*Monspeliensis*). Linn. Hort. Cliff. 68.
- 2117 *Coronilla fruticosa*, foliis quinatis ternatisque lineari-lanceolatis subcarnosis obtusis. Linn. Sp. plant. 1047.
- 2118 *Crambe* foliis laciniatis, caule erecto ramosissimo. Dict. Hort.
- 2119 *Crepis* foliis amplexicaulibus Lyrato runcinatis. Hort. Cliff. 79.

- 2120 *Cynosurus spicis* quaternis obtusis patentibus dimidiatis, calycibus mucronatis, caule repente. Linn. Sp. plant. 106.
- 2121 *Cytisus floribus* umbellatis terminalibus, caulibus erectis, foliolis lanceolatis. Linn. Sp. plant. 1042.
- 2122 *Delphinium nectariis* diphyllis.
- 2123 *Dianthus floribus* solitariis, squamis calycinis subulatis tubam æquantibus, petalis multifidis. Amæn. Acad. 4. p. 313.
- 2124 *Dianthus floribus* paniculatis, squamis calycinis brevibus acuminatis, corollis multifido capillaribus, caule erecto. Amæn. Acad. 4. p. 272.
- 2125 *Dipfacus foliis* petiolatis appendiculatis. Hort. Upsal. 25.
- 2126 *Genista foliis* ternatis subtus villosis, pedunculis lateralibus subquinque floris foliolatis, leguminibus hirsutis. Amæn. Acad. 4. p. 284.
- 2127 *Gentiana corollis* quinquefidis hypocrateriformibus, fauce barbatis. Linn. Sp. plant. 334.
- 2128 *Hieracium foliis* lanceolatis amplexicaulibus dentatis, floribus solitariis, calycibus laxis. Hort. Cliff. 387.
- 2129 *Imperatoria*. Hort. Cliff. 103.
- 2130 *Isatis foliis* omnibus dentatis. Linn. Sp. plant. 937.
- 2131 *Malpighia foliis* ovatis integerrimis glabris, pedunculis umbellatis. Hort. Cliff. 169.

- 2132 *Marrubium calycum* limbis tubo longioribus membranaceis, angulis majoribus rotundatis. Linn. Sp. plant. 817.
- 2133 *Matricaria foliis simplicibus linearilanceolatis sessilibus, pedunculis uniformis.*
- 2134 *Ocimum foliis lanceolatis ovatis ferratis racemis verticillatis.* Linn. Sp. plant. 834.
- 2135 *Plantago foliis ovatis glabris, scapo angulato spica flosculis distinctis.* Linn. Sp. plant. 163.
- 2136 *Potentilla foliis ternatis, caule dichotomo, pedunculis axillaribus.* Linn. Sp. plant. 715.
- 2137 *Rosa germinibus ovatis glabris, pedunculis cauleque hispidis, petiolis inermibus fructibus pendulis.* Linn. Sp. plant. 705.
- 2138 *Rudbeckia foliis inferioribus semilobatis incisfis, caulinis trifidis vel quinquefidis, pedunculis longissimis.*
- 2138 *Scabiosa corollulis quadrifidis æqualibus, floribus cernuis, foliis pinuatis, foliolis lanceolatis ferratis.* Hort. Cliff. 30.
- 2140 *Serapias bulbis fibrosis, floribus erectis bractea longioribus.* Linn. Sp. plant. 1345.
- 2141 *Scolymus foliis margine incrassatis.* Linn. Sp. plant. 1143.
- 2142 *Scorzonera foliis omnibus runcinatis amplexicaulibus.* Linn. Sp. plant. 1114.
- 2143 *Sophora foliis pinuatis, foliolis numerosis oblongis villosis, caule herbacco.* Linn. Sp. plant. 533.
- 2144 *Statice scapo dichotomo ancipiti foliis lanceolatis mucronatis, floribus aggregatis.* Linn. Sp. plant 395.

- 2145 *Teucrium foliis ovatis acute incisoferratis glabris, floribus axillaribus geminis caule, erecto.* Linn. Sp. plant. 790.
- 2146 *Tithymalus Linariæ folio, lunato flore.* Mor. H. Reg. Blef.
2147. *Valeriana fylvestris major altera, fol. lucido.* H. Reg. Par.
2148. *Veratrum racemo compofito, corollis patentiffimis.* Linn. Sp. plant. 1479.
- 2149 *Veronica racemis lateralibus, foliis lineari lanceolatis pinnato dentatis.* Linn. Sp. plant. 17.
- 2150 *Volkameria ramis inermibus.* Linn. Zeyl. 231.

XVI. *A Course of Experiments to ascertain the Specific Buoyancy of Cork in different Waters: The respective Weights and Buoyancy of Salt Water and Fresh Water: And for determining the exact Weight of Human and other Bodies in Fluids.* By John Wilkinfon, M. D. F. R. S. of London and Gottingen.

[*Experiments to determine the Specific Buoyancy of Cork in River Water.*]

Experiment I.

Read March 14, 1765. **S**IX cubes of good cork, every one measuring an inch square, as nearly as they could possibly be ascertained, with a graduated