

to account satisfactorily for the whole appearance; which I should have looked upon as solved, could such an one have been discerned in a right situation. But here I beg to refer myself to the judgment of this Society; only shall observe, the two gaps we saw were directly interpos'd between the sun and their respective streaks.

J. Short.

XXIV. *A Catalogue of the Fifty Plants from Chelsea-Garden, presented to the Royal Society, by the worshipful Company of Apothecaries for the Year 1750, pursuant to the Direction of Sir Hans Sloane, Baronet, Med. Reg. & Soc. Reg. nuper Præses, by John Wilmer, M. D. clariss. Societat. Pharmaceut. Lond. Soc. Hort. Chelf. Præfect. et Prælect. Botanic.*

Read May 2. 1401.
1758.

- A** Butilon periplocæ acutiori folio, fructu stellato. Hort. Elt.
 1402 Allium faxatile acori radice flore purpureo Bocc. Mus.
 1403 Androface vulgaris latifolia annua Tourn. 123.
 1404 Anemonospermos African. fol. & facie Taraxaci incanis Boerh.
 1405 After Tripolii flore C. B.
 1406 After cœruleus ferotinus frutescens Tradescant.

1407

- 1407 *Balsamita* fol. *Agerati* Vaill.
Santolina spinosa fol. *Agerati* Boerh.
- 1408 *Carduus albis maculis notatus exotico flore albo*
C. B. 381.
- 1409 *Camara foliis subrotundis rugosis flore cœruleo*
Houft.
- 1410 *Carduus Creticus Rapi folio* Inst. R. H.
- 1411 *Cirsium tuberosum Lactuæ capitulis spicatis*
Hort. Elt.
- 1412 *Cnicus exiguus capite cancellato semine tomen-*
tofo T. Inst.
- 1413 *Cnicus orientalis Atractylis lutea dictus altif-*
simus T. Cor. 33.
- 1414 *Cnicus orientalis Atractylidis folio flore Leuco-*
phæo T. Cor.
- 1415 *Collinsonia Americana Urticæ foliis floribus ex*
albo purpur. Dillen.
- 1416 *Corindum ampliore folio fructu majore* T. 431.
- 1417 *Corindum folio et fructu minori* Tourn.
- 1418 *Elichrysum African. fœtidissim. calyce argenteo*
Tourn.
- 1419 *Eryngium montanum Amethystinum capitulo*
majore pallescente T. 327.
- 1420 *Ferula fol. glauco semine lato oblongo quibus-*
dam *Thapsia ferulacea* C. B.
- 1421 *Hesperis Leucocii folio non ferrato filiqua qua-*
drangula J. R. H. 223.
- 1422 *Hieracium villosum Sonchus lanatus Dale-*
champio dictum R.H. 231.
- 1423 *Hieracium Alpinum Scorzonæræ folio* Inst. R.
H. 1472.
- 1424 *Horminum Napi folio* Mor. Hort. Reg. Bleff.
- 1425 *Jacea spinosa alato caule capite lanuginoso*
C. B. P.

- 1426 *Jacea angustifolia* minor *Virginiana* tuberosa
radice Banister
- 1427 *Jacea* fol. candicantibus laciniatis caliculis non
splendentibus
- 1428 *Lychnidea Mariana* elatior *Alfinesaquatic.* foliis
floribus in longam spicam dense stipatis
Pluk.
- 1429 *Lychnis* oriental. annua supina *Antirrhini* fol.
fl. min. purp.
- 1430 *Lychnis viscosa* flore muscoso *Ocimastri* facie
C. B. P.
- 1431 *Marrubium album* candidissimum et villosum
T. Cor.
- 1432 *Martynia* foliis ferratis Lin. Hort. Cliff.
- 1433 *Medica marina* major spinosa Park. Theat.
- 1434 *Medicago Vulnerariæ* facie *Hispanica* Inst. R.
H. 412.
- 1435 *Mimosa humilis* frutescens et spinosa filiquis
conglobatis
- 1436 *Moldavica Betonicæ* fol. floribus majoribus
cæruleis pendulis Am.
- 1437 *Oryza* Lobel. Icon. 31. Offic. 336.
- 1438 *Plantago maxima* *Tartarica* Gerberi
- 1439 *Scolymus Chrysanthemus* annuus A. R. Par.
III.
- 1440 *Scorpioides Bupleuri* fol. corniculis asperis ma-
gis in se contortis et convolutis Mor. Hist.
- 1441 *Sideritis Hispanica* frutescens seu lignosior I.
R. H. 192.
- 1442 *Sonchus Lusitanicus Asplenii* folio
- 1443 *Stachys Lychnitis* Clusii
- 1444 *Tithymal. arboreus altissimus* fol. salicis cauli-
bus rubentibus Boer.

- 1445 *Trifolium globosum repens* C. B. P. 329
 1446 *Tordylium maximum* Inst. R. H. 320.
 1447 *Tragofelinum maximum Auftriacum foliis magis incisfis* Boer.
 1448 *Valeriana Lusitanica latifolia annua laciniata* Tourn. 132.
 1449 *Verbena tenuifolia* C. B.
 1450 *Urtica racemifera maxima Sinarum foliis subtus argentea lanugine villosis.* Pluk. Almag. 212.
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XXV. *Some Observations upon the Sex of Flowers* by W. Watson, F. R. S. occasioned by a Letter upon the same Subject, by Mr. Mylius of Berlin.

Extract of Mr. Mylius's Letter to Mr. Watson, dated at Berlin, Feb. 20, 1750-51.

Read May 2. 1751. “ THE sex of plants is very well confirmed by an experiment, that has been made here on the *palma major foliis flabelliformibus*. There is a great tree of this kind in the garden of the royal academy. It has flower'd and bore fruit these thirty years; but the fruit never ripen'd; and when planted, it did not vegetate. The palm-tree, as you know, is a *planta dioecia*; that is, one of those, in which the male and female parts of generation are upon different plants. We having therefore no male plant, the
 Y “ flowers