
B O T A N I C U M Hortense IV.

Giving an Account of divers Rare Plants, Observed
the last Summer A. D. 1714. in several Curious
Gardens about London and particularly the
Society of Apothecaries Physick-Garden at Chel-
sea.

By James Petiver, F. R. S.

Continued from the last Transactions.

47 *Planta Nasifloræ. Snout-Flowers.*

A Lehoof Snapdragon. Ray Hist. Plantar. p. 567.
pl. 3.
Cymbalaria Hederae terrestris folio, flore maximo.
Antirrhino seu Linaria affinis fol. Hederae terrestris. Flor.
Batav.

Asarina Lob. Lugd. 915 fig. 2.

Asarina Lob. flore *Hederae terrestris* I. B. 3. App. 840. fig.

Asarina sterilis, Sevena Narbonensis agri Lob. Obs. 329 ic.

Asarina five *saxatilis Hederula* Lob. Icon. 601.

Hedera saxatilis Jonst. 856. fig. 2.

Hedera terrestris, magno flore C. B. 306. Phyt. 609. 3.

Its Flowers, Seeds and Capsules plainly shew it to be a
kind of *Snapdragon*. *Lobel* says this grows wild in *Nar-*
bone and *Provence* (from whence I should be glad to see
it,) but his *Figure* does not express the Hoariness with
which our *Leaves* are endowed, nor are its *Flowers* so
large or exact. I first saw this elegant Plant in the

X x

Amster-

Amsterdam Phyfick-Garden, Flowering in July, and fince at Chelsea.

48. English Yellow Panſey. Ray's *British Herbal*. Tab. 37. fig. 10.

Viola montana lutea grandiflora noſtras Ray 1052. 5. *Syn.* ed. 215. 8.

Viola 5. *Jonſt.* 853. *Ger.* 704.

Mr. Ray obſerved this in divers boggy mountainous Paſtures in *Darbyſhire, Yorkſhire, and Wales.* It Flowers very well in our Gardens, and makes a beautiful edging.

49. Bog Violet. Rays *British Herbal* Tab. 37. Fig. 5.

Viola paluſtris rotundifolia Plot. Hiſt. Oxon. 144. 4. Tab.

9. fig 2. Ray 1050. 4. *Synopſ.* 152. 4. edit. 2. p. 214. 4.

Viola paluſtris rotundifolia glabra Moris. Oxon. 475. 5. ſect. 5. Tab. 35. fig.

Dr. Plot firſt diſcovered this in the Bogs about *Stow-wood* in *Oxfordſhire*, and *Chifwell* in *Barkſhire*, ſince which it hath been found in the like Places between *Wickam* and *Croydon* in *Surry* plentifully, from whence it was tranſplanted into *Chelsea Garden.* It Flowers in *April* and *May.*

50. Hairy Wood Violet. Rays *British Herbal* Tab. 37. fig. 7.

Viola Trachelii folio Morret. pin. 125.

Viola Martia hirsuta, major, inodora Plot. Oxon 144. 3.

Ray 1051. 5. *Synopſ.* 152. 6. ed. 2. p. 215. 6.

Viola Martia major, hirsuta inodora Moris. Ox. 475. 4. S.

5 Tab. 35. fig.

Grows plentifully in *Charlton* and other Woods in *Kent,* &c. It Flowers in *March* and *April.*

51. Upright Tree-Violet Ray 1052. 1.

Viola arboreſcens vel potius erecta Camer. Epit. 511. fig. opt.

Viola affurgens tricolor Ger. 703. *lc.* 2. *Jonſt.* 854. fig.

Viola elatior Cluſ. 309.

Viola Martia arboreſcens purpurea C. B. 199. 2.

Viola Martia ſurrectis cauliculis Lob. lc. 610. 2.

Jacea tricolor, surrectis caulibus, quibusdam arborea dicta
Chabr. 510. Ic. 3. I. B. 3. l. 32. p. 547. fig.

Clusius observed this to grow common in the Woods of Austria and Styria. Dr. *Morison* in his *Hist. Oxon.* p. 476. says this is found in England on the Tops of Mountains and in Woods, which has not as yet been observed, either by the inquisitive Mr. Ray or any other.

Plantæ Bacciferae. Berry-bearing Plants.

52. Long Horse-tongue Ray 663. 1.

Bonifacia sive *Bislingua* Chabr. 45. Ic. 5. & 6. I. B. 1. l. 5. p. 575. fig.

Hippoglossum Camer. Epit. 919. fig.

Hippoglossum Dioscoridis & *Laurorata Plinii* Col. 165. fig. opt.

Hippoglossum sive *Bislingua* Barrel. pl. 5. Ic. 249. Park. 702. Ic.

Hippoglossum mas & feminæ Ger. 761. Ic. 1. & 2. Jonst. 908. Ic. 1. & 2.

Radix Idea, *Hippoglossum* Col. phyt. 64. fig.

Ruscus angustifolius, fructu folio innascente *El. Bot.* 70. *Inst.* 79.

This and the next are accurately *Figured* by *Columna* & *Barrelier*. The peculiarity of this Plant is to have a small tongue like the *Key* or *Fruit* of the *Ash-tree*, growing from the middle Rib on the under side of each Leaf.

Grows on shady Mountains in Italy and Hungary.

53. Round Horse-tongue Ray 663. 2.

Laurus Alexandrina *Camer.* Epit 936. Ic. Chabr. 46. Ic. 1. I. B. 1. l. 5. p. 574. fig.

Laurus Alexandrina & *Chamædaphne* Col. 165. fig. opt.

Laurus Alexandrina genuina Park. 700. fig. 1.

Laurus Alexandrina vera *Diosc.* & *Theophr.* Barrel. 6. Ic. 250.

Laurus Alex. fructu folio infidente C B. 305.

Ruscus latifolia, fructu folio innascente E. B. 70. *Inst.* 79.

I have a very fair Specimen of this in *Flower*, gathered with the last at *Gibraltar* by Dr. *Pelham Jonston* a curious Botanist.

54. *Cherry Nightshade* Ray 673. 4.

Amomum Plinii Ger. 289. fig. *Jonst.* 361. fig.

Amomum Plinii *Strycnodendron* five *Solanum arborefcens* *Lob.*

ic. 265. 1. *Belg.* 322 *Obf.* 136. fig.

Pseudo-Capficum seu *Amomum Plinii* *Park.* parad. 427. fig. 7.

Solanum fruticosum *Tabern.* 578. *ic.* 2.

Solanum fruticosum bacciferum *CB.* 166. 9. *phyt.* 29.

Solanum fruticosum Americanum dictum *Amomum Plinii* *Park.* 353 fig.

Its an old Inhabitant in our Gardens, where it *Flowers* about Midsummer, and its *Cherry-like* Fruit is ripe in the *Winter*.

I have received this from the *Maderas*, where Dr. *Sloan*, that Consummate Botanist, has also observed it.

55. *Virginia Potatoes* Ray 675. 14.

Batata Virginiana f. *Virginianorum* & *Pappus* Ger. 781. fig. *Jonst.* 927. fig.

Arachidna *Theophr.* fortè *Papas Peruanorum* *Clus.* 97. fig.

Papas seu *Battatas* *Virginianorum* *Park.* parad. 517. fig. 3.

Papas radix, ex qua *Edulium Chunno* dictum conficitur *Jos. Acoſta* l. 4 c. 17. imo *Panis* loco utuntur quem

Chunno dictum vocant *id.* l. 3. cap. 20.

Solanum tuberosum *CB.* *phyt.* 301. 19.

Solanum tub. esculentum *CB.* 167. 13. *Prodr.* 89. fig. opt.

We are obliged to that indefatigable Botanist *Caspar Bauhine* for a most accurate *Figure* and full *Description* of this useful *Root*, which was first discovered in *Virginia* and there call'd *Openanck*.

It was first cultivated in *Ireland*, and now about *London*, and in many Counties of *Great Britain*. It *Flowers* from *July* till *Autumn* and then *Fruits*, altho' rarely ripens.

Herbæ

Herbæ capitibus stellatis seu echinatis,
Herbs with Star or Burr heads.

56. Avicens *Abtilon* Ray 699. r. H. Oxon. 531.
Althea lutea Ger. 790. fig. *Fonst.* 935. fig.
Althea lutea five *Abutilon Avicenna* puratum *Park.* 304.
 Ic 5.
Althea luteis floribus *Lob. Ic.* 635. r. *Belg.* 801. *Obs* 374.
 fig.
Althea Theophrasti fl. luteo *CB.* 316. 8. *phyt.* 632. 8.
Althea Theophrasti fl. luteo, quibusdam *Abutilon* *I B.* 2. l.
 23. p. 958. fig. *Chabr.* 302. lc. 1.
Caspar Bauhine observed this Plant, altho' an *Annual*, 2
 Cubits high, between *Ferraria* and *Bononia*. Its also a
 Native of both the *Indies*, from whence I have received it.
 57. *Betony Mallow* Ray 593. 3 H. Oxon 522. xi.
Alcea Betonica folio fl. purpureo violaceo *Barrel.* 72. lc.
 1189.
Malva Betonica folio *H. Bles.* 285. *Pocc.* 15. fig *Zan.* 130.
 fig. 52.
Malacoides Betonica folio *Inst. R. H.* 98.
 This elegant *Mallow* grows wild in *Tuscany*, from whence
 it was sent me by *Pet. Antony Micheli* the Grand Duke's
Botanist as also from the Reverend *Bruno Tozzi* Abbot of
Vallambrose and Fellow of the *Royal Society*.
 58. *Cupain* his Dwarf *Spearwort* Ray 3. p. 361. 27.
Ranunculus Alpestris palustris, lignosus, fol. *Ocimi* echina-
 tus *H. Cathol.*
Ranunculus Siculus fol. rotundo vix serrato *Gazoph.* *Natur.*
 Tab. 24. fig. 9. opt.
 This is a small stooping Plant, with pretty large *Heads*,
 its *Leaves* broad and lightly notchd. Grows wild in *Sicily*.
 59. *Mutet Cronfoot* Ray 582. 5.
Ranunculus magnus valde hirsutus. fl. luteo *I. B.* 3. l. 30 p.
 417. fig. *Chabr.* 465. lc. 6.

Ranunculus mont. subhirsutus, Geranii folio C B. 182. 13.
Ranunculus montanus subhirsutus, Geranii folio C B. pr. 96.
 6. fig.

Ranunculus mont latifol. hirsutus alter C B. *phyt.* 323. 15.

C B. in his *Phytopyanax* says he first found this on Mount *Muret* near *Basil*, and afterwards on *Rofsberg* near *Tubing* in *Wirtenbergh*. I received the first Specimen of this from *Mr. Jacob Bobart* at *Oxford*.

Herbæ *Tetrapetalæ*. Quaterpetals.

60. *Babylonion Cress*, Ray 821. 1.

Draba prima umbellata C B. *phyt.* 174. 1.

Draba vulgaris Park. 849. fig. 1.

Draba Dioscoridis Jonst. 274. fig. 1.

Draba sive Arabis Chabr. 295. lc. 6.

Draba multis fl. albo. I B. 2. l. 22. p. 939. fig.

Draba umbellata vel *Draba maj. capitulis donata* C B. 109. 1.

Arabis sive Draba & Nasturtium Babylonicum Lob. Ic. 224.

I Belg. 267. fig. *Obs.* 111.

Grows in the Borders of Fields about *Vienna* plentifully, as also in the like Places in *Italy* and *France*. Flowering in *May* and *June*.

61. *Bur Rocket* Ray 804. 4.

Erucago segetum *El. Bot.* 199. *Inst.* 152.

Eruca Monspeliaca filiquâ quadrangulâ Park. 821. fig.

Eruca Monsp. fil. quadrangulâ echinatâ C B. 99. 14. *phyt.*

149. 15. *prodr.* 41. 7. *fig. opt.*

Raphanistrum dispermon Monspel. fil. quadrangulâ echinatâ *H. Leyd.* 520.

Sinapi echinatum *Lugd.* 647. *fig. Chabr.* 275. *Ic.* 3. I. B. 2.

l. 21. p. 858. *fig.*

Grows about *Montpelier* in *Corn.* It Flowers and Seeds in *June*, &c.

62. *Ever-green Persian Tufts* Ray 837. 7.

Thlaspi fruticosum Leucoidi folio latifol. C B. 108. 1. *prodr.*

49. 9. *Park.*

Thlaspi

Thlaspi frut. umbellatum *Persicum*, fol. *Leucoii* instar sempervirentibus H. *Oxon* 296. 23.

Thlaspi latifol. platycarpon, *Leucoii* foliis *Bocc.* 55. fig. opt.

Thlaspi sempervirens & florens *Dodart.* 115. fig.

Thlaspidium frutic. *Leucoii* folio semperflorens E. B. 183. *Inst.* 214.

Thlaspio fruticoso di *Persia*, con foglia di *Keiri*, di fiore odorato *Zanon* 106. Tab. 74. fig.

This is always green, *Flowers* long and especially towards the *Winter*, its said to come from *Persia*, *Boccone* found it wild about *Palermo* in *Sicily*.

63. *Garlick Cress* *Ray* 834. 19.

Scorodonthasi *Uliſſis Aldrovandi* *Chabr.* 294. *lc.* 1. *I. B.* 2. l. 22. p. 932. fig.

Thlaspi Allium redolens H. *Oxon.* 297. 28. Tab. 18. fig.

That very great and laborious Naturalist *Uliſſes Aldrovandus* first discovered this Plant growing about *Bononia*. It *Flowers* and *Seeds* in *Chelsea-Garden* early in the *Spring*.

Plantæ tl. pentapetalo. *Cinquepetals.*

64. Dwarf *Gentian* with a large Flower *Ray* 718. 2.

Gentiana Alpina magno flore *I. B.* 3. l. 31. p. 523. fig.

Gentiana Alp. pumila, latifol. magno flore *Elem. Botan.* 96.

Gentiana Alp. magno fl. cæruleo violaceo *Mariana* *Chabr.* 503. *lc.* 6.

Gentiana 5. *Gentianella* major verna *Clus.* 314. fig.

Gentianella Alpina verna major *Park.* 402. fig. 1.

Gentianella Alp. latifol. magno flore *C. B.* 187. 1. *phyt.* 347. 16 *prodr.* 97. c. x. 1.

Gentianella Helvetica *Lob. Icon.* 310. 1. *Belg.* 381.

Gentianella Campanulæ flore purp. *Helvetia* *Adv.* 130. fig.

I. B. makes this and the *Angustifolia* to be the same Plant.

Grows

Grows on most Mountains in Austria, Styria and Swisserland, where it Flowers in their Spring, viz. in June, or as soon as the Snow there melts.

This elegant Plant is pretty common in most of our Country Gardens.

65. Pona's blew Valerian Ray 745. 6.

Cervicaria Valerianoides cærulea C B. 95. 20.

Rapunculus Valerianoides cæruleus umbellatus Boer. 104. 3.

Rapuntium umbellatum Col. phyt. 2. p. 22.

Trachelio azuro umbellifero Pona Ital. 44. fig.

Trachelium umbelliferum cæruleum Park. 645. 8.

Valerianoides Alpin. Trachelii folio, fl. coccineis Alm. Bot.

379.

This is very different from the *Telephium fl. purpureis* Lobel. Ic. 389. 2. as *Columna* and C B. from him take to be the same.

Pona, in his Italian Edition of the Plants on Mount Baldus, gives the first Figure and Description of this elegant Plant, which he received from Signior Contareni at Venice, and supposes it to come from Candy; but Pere Barrelier says it grows in moist shady Places not only about Rome but Valentia in Spain, where its also sometimes found with a white Flower. Its blew umbelliferous Tufts make a beautiful Shew in our Physick Garden where it Flowers from Midsummer till the end of September.

66. Childing Pink Ray 990. 13. H. Ox. 563. 21.

Caryophyllus sylv. prolifer C B. 209. 6. phyt. 393. 18.

Caryophyllus prolifera Park. 1338. fig. 1.

Betonica Coronaria squamosa sylv. Chabr. 446. Ic. 6. I B. 3.

l. 29. p. 335. fig.

Armeria prolifera Lob. Ic. 449. 1. Belg. 534. Jonst. 599. fig. 5.

Grows in barren Pastures in many Parts of France, Italy, Germany, &c.

67. *Gray Stitchwort* Ray 1020. 7. H. Ox. 546. 44.
Holosteum Hart. incanum vulgare Nobis.
Caryophyllus Holosteus Ger. 277. xi. Jonst. 595. fig. 15.
Caryophyllus Holosteus tomentosus I B. 3. l. 29. p. 360. fig.
Park. 1339. fig. 7.
Caryophyllus Holost. tomentosus latifolius CB. 210. 2.
Pr. 124. 5.

Lychnis maritima incana & tomentosa H. Oxon. 546. 44.
Myosotis tomentosa Linaria folio amplo. E B. 211. Inst. 244.

The *Description* of I B. and others much better agree with this Plant than that of C B. prodr. p. 104. 5.

There is no good *Figure* of this Herb altho a *Common Edging* in every *Countrey Garden*.

68. *Penny's Myrtle Cistus* Ray 1011. 13.

Ascyrum Balearicum frutescens, magno flore luteo, fol. minoribus lucidis subtus verrucosis J. Salvadore.

Myrto-Cistus Pennei Clus. 68. fig. Pan. 67. fig. Park. 665. fig.

Ger. 1098. fig. 16. Jonst. 1279. fig. 16. Tab. Ic. 1054. 2.

Myrto-Cestus Pennei, fl. luteis oblongis Chabr. 103. lc. 2.

I B. 2. l. 13. p. 21. fig.

Dr. *Penny* a famous *Physitian* of *London* and a very curious *Naturalist* of that time, first communicated this Plant A. D. 1580. which he had gathered on the Island *Majorca* to *Carolus Clusius*, who gave a *Figure* of it, and from whence all other Authors have since copied it. We are lately obliged to Dr. *John Salvadore* at *Barcelona* for the more perfect Knowledge of it, who amongst many other very curious and *Rare Plants* gathered in that Island and *Minorca*, sent me this under the Name as above, of which it is a true *Species*.

69. *Matthiolum* his *Coris* or *St. John's-wort* Ray 1018. 4.

Coris C B in *Matth. 667. fig. opt. Cam. 678. fig. Park. 570.*

fig. 1. Jonst. 544. fig. 1. Lob. Ic. 403. 1. Belg. 489. Obs. 220. fig.

Coris lutea C B. 280. 1. *lutea major phyt. 548. 1.*

Hypericoides Coris quorundam & Coris legitima Cretica
Chabr. 456. Ic. 5. l. B. 3. l. 29. p. 384. fig.

Hypericum seu Coris legitima Ericæ similis H. Oxon 469. 4.

Hypericum Syriacum tenuissimo & glaucò folio El. Bot.
222 *Inst.* 255.

Matthiolum says this grows in dry Grounds and Hills in many Places of *Italy*, and by *Carara* a Village of *Liguria*, as *Camerarius* asserts.

I take this by its Figure to be different from *Bellus* and *Pona* their *Coris legitima Cretica*:

70. Succory *Mullein*.

Blattaria Cichorei folio villosò Nobis.

an *Blattaria Orient. Agrimonia folio. T. Coral,*

Its *Leaves* spread on the Ground, are deeply cut long and hoary, from the midst of these rise slender Stalks, much branched and full of small yellow *Flowers* which soon fall off.

I have as yet seen this in *Chelsea-Garden* only.

71. Great *Pile Trefoil* Ray 968. 12. *H. Ox.* 177. 14.

Lotus Hæmorrhoidalis sive Trifolium Hæmorrhoid. majus
Park. 1102. fig. 8.

Lotus pentaphyllos filiquosus villosus CB. 332. 9.

Lotus polyceratos frutescens incana alba, filiquis curtis-
crassioribus & brevioribus erectis H. Ox. 177. 14

Oxytriphylum alterum Stribonii Herbariorum Lob. Adv.
381. fig.

Trifolium album, rectum hirsutum valde Chabr. 160. Ic. 1
l. B. 2. l. 17. p. 360. fig.

Trifolium Hæmorrhoidale Lob. illustr. 151.

Grows plentifully about *Montpelier*, *Lobel* says its also found about *Eyons* and *Turin*.

The *Leaves* or rather the *Seed* given in *Powder* from 30 Grains to 60 in *Red Wine*, is said to be very effectual in curing the *Piles*.

72. Lesser *Pile Trefoil* Ray 968 xi.

Lotus Hamorrhoidalis alter minus sive *Lotus Lybica* Dal' Park. 1102. f. 9.

Lotus filiquosus glaber, flore rotundo C B. 332. 10.

Lotus Lybica Dalechampii Lugd. 509. fig.

Lotus Lybica Dalech. vulgo H. Leyd. 384.

Trifolium rectum Monspessulanum I B. 2. l. 17. p. 359. sine fig.

Trifolium rectum Monspes. fl. rotundo C B. *phyt.* 666. 46.

Grows by River sides and moist Places about *Messina, Calabria* and *Montpelier*.

73. *Camerarius* his *Birds Foot Trefoil*. Ray 970. 20.

Lotus filiquis Ornithopodii C B. 332. 2. *phyt.* 667. 36. I B.

2. l. 17. p. 359. fig.

Lotus peculiaris, filiquis Ornithopodii Camer. Hort. 91. Ic. 25. opt.

Lotus Ornithopodii filiquis, fl. luteo, nigris lineis striato Chabr. 158. Ic. 1.

Lotus polyceratos annuus procumbens latifolius, filiquis Ornithopodii H. Ox. 176. 8.

Lotus sylvestris Creticus Park. 1101. fig. 4. ex *Pona* Ital. 153.

That Reverend Divine and Botanist Sir *George Wheeler*, observed this in the *Island Corfu*.

74. Fine *Fumitory* Ray 406. 3. H. Ox. 261. xi.

Fumaria tenuifolia Ger. 928. fig. 3. *Jonst.* 1088. fig. 3.

Fumaria minor sive *tenuifolia* Park. 287. fig. 2.

Fumaria minor tenuifolia C B. 143. 3. *phyt.* 245. 2.

Fumaria minor sive *tenuifolia surrecta* Chabr. 277. Ic. 6. I B. 3. l. 26 p. 203. fig.

Capnos tenuifolia Clus. 208. fig. 2. *Hisp.* 375. fig. *Lob.* Ic. 757. 2. *Belg.* 914 *Obs.* 438.

Grows amongst Corn and by Pathways about *Montpelier*, and in divers parts of *Spain* where its called *Palomilla*, and flowers in *April* and *May*.

75. *Barcelona Hart Fumitory*.

Fumaria henneaphyllos Hispanica saxatilis Bocc. Mus. 83. Tab. 73.

Fumaria heneaphyllos Hispan. saxatilis, fl. vario Barret.
866. Ic. 42.

Fumaria Hisp. saxatilis, fol. amplioribus cordiformibus,
sem. compressis El Bôt. 334. Inst. 422.

Dr. *Salvadore* observed this in the Fissures of *Mount Serrat*, and in the Hermits Walls about *Barcelona* where it Flowers in *May, June, and July.*

The curious *Dutchess Dowager* of *Beaufort* shewed me very fair Specimens of this Plant, which her *Grace* raised from *Seed* I had given her.

Plantæ fructu tricocco. Plants with Treble Husks and Seed.

76. Garden Spurge Ray 866. 18.

Lathyris C B. in Matth. 868. fig. 1. *Cam.* 968. fig. opt.

Lathyris major C B. 293. 1. *phyt.* 577. 1.

Lathyris major Hortensis Park. 191. fig. 1.

Lathyris sive Cataputia minor Chabr. 535. Ic. 4. I B. 3. p. 880.
fig. *Jonst.* 503. fig. 18.

Cataputia minor Lob. Ic. 362. 1. *Belg.* 439. *Obs.* 197. *Ger.*
405. fig. 14.

Cataputia minor sive Lathyris angustifolia Tab. 587. Ic. 2.

Tithymalus latifolius Cataputia dictus H. *Leyd.*

Grows spontaneously in many Gardens, where it Flowers
and Seeds in *July* and *August.*

77. Red Flowred Spurge Ray 864. 2.

Characias Monspeliensum Clus. & Matth. Lob. Ic. 359. 2.

Belg. 43. *Obs.* 194. fig. 2. *Adv.* 152.

Tithymalus Amygdaloides sive Characias Chabr. 534. Ic. 2.
I B. 3. l. 34. p. 672. fig.

Tithymalus Characias 1. *Clus.* 188. fig. 1. *Hisp.* 436. fig.

Tithymalus Characias Monspeliensum Park. 186. 2. *Jonst.*
499. fig. 8.

Tithymalus Characias rubens peregrinus C B. 290. 2. *phyt.*
572. 1.

Clusius observed this on the rough Mountains of *Spain*, its also found in *Italy* and about *Montpelier* in stoney Places.

Its dark red *Flowers*, distinguish it from others like it.

78. *Montpelier Meadow Spurge*.

Tithymalus Lithospermi majoris folio Bot. Monsp. 305.

An *Tithymalus Tingitanus Linaria folio, lunato flore H. Leyd.*

An *Tithymalus Linariæ folio, lunato flore H. Blef. 313.*

Dr. Nissole that curious Botanist sent me this Plant among many others gathered about *Montpelier*.

79. *Soft Spurge of Mount Polline.*

Tithymalus Montis Pollini, fol. & fructu pubescentibus.

Its *Stalks* brown and hoary as are its *Leaves* which grow alternately and not thick set. Its *Flowers* and *Seeds* in *July* and *August*.

Monf. Vaillant sent me a *Specimen* and *Seed* of this from *Paris*.

80. *Cambridge Corn Spurge Ray 868. 22.*

Tithymalus Segetum longifolius Cat. Cant. app.

It grows in the *Corn* beyond *Kingston-wood* in the Road to *Gamlingay* in *Cambridge-shire*, where I found it in company with *Mr. James Sherard*, an accurate *Botanist* and well vers'd in the Knowledge of our *English Plants*:

81. *Cypress Spurge Ray 865. 19. H. Ox. Bob. 335. 4.*

Tithymalus Cupressinus Jonst. 449 fig. 5. H. Ox. Bob. 335.

4. 1. *Tab. Ic. 594. fig. 2. Hist. 2. p. 293. f. 3. opt.*

Tithymalus Pinea Ger. 402. fig. 6. opt.

Tithymalus Cyparissias C B. 291. 2. T. Esula Chabr. 532. Ic.

6. 1 B. 3. l. 34 p. 663. fig. *Cam. 964. fig. Lob. Obs. 192.*

fig. 3. *Adv. 151. C B in Matth. 865. fig. 5. Lugd. 1644.*

fig. 2. opt.

Tithymalus Cyparissias minor C B phyt. 575. 15,

Tithymalus Cyparissias vulg. Park. 193. descr. 3 but its *Figure* is of the *Pytusis* or *Esula major*.

Vertues. *Dr. Tournefort* says the *Root* of this *Spurge* is a proper *Cathartick* in *Hydropick* and *Cachectic Bodies*, as also for *intermittent Feavers* given from *3℥s* to *ʒij* with *20*

Grains

Grains of *Mercurius dulcis* and 30 of Cream of Tartar, 10, 15 or 20 of its Seed is a strong Purge, and the Basis of *Fernelius* his *Pil. ex Esula*, its Dose ʒij. The Roots of this Plant are also used in the *Benedicta Laxativa*. *Hydragogum eximium Renodei*. Extract. *eximium* & *Cholagogum Rolfinchii*.

It grows pretty common in many Gardens.

82. Common Sea Spurge Ray Brit. Herbal. Tab. 53. fig. 8.

Tithymalus maritimus C B 291. 1. phyt. 574. xi.

Tithymalus Paralius Chabr. 534. Ic. 6. 1 B. 3. 1 34. p. 674.

fig. Lob. Ic. 354. 2, Belg. 430. *Obs.* 191. fig. Camer. 962.

fig. opt.

Tithymalus paralius seu maritimus Park. 184. fig Ger. 401.

fig. 1. *Fonst.* 498. fig 1. *opt.* Matth. *Lugd.* 1643. fig. 2.

& 47. fig. 1. *Tab.* 593. Ic. 1. *Hist.* 2. p. 292. f. 3. C B in

Matth. 864. fig. 3.

This elegant Spurge is found on most of the Sea Coasts of Europe.

83. Small Portland Spurge.

Tithymalus maritimus minor Portlandicus.

From a small downright single Root, rise slender Stalks with longish oval Leaves not thick set (as in the common Sea-Spurge) at the Top come small Umbels of Flowers and Seeds like other Spurges. It grows not a Span high even in our Gardens where it is very luxuriant.

The Reverend Mr. *William Stonestreet*, that accurate Botanist, first discovered this about a Year since on a narrow Neck of Land covered with Peebles which joyns Portland with the Coast of Dorset-shire.

Arbores Pisifloræ. Trees with Pea-blooms.

84. Bean Trefoil-tree. Ray 1721. 1.

Anagyris Cam. 671. fig. Ger. 1239. fig. 1. *Fonst.* 1427. fig. 1.

Anagyris 1. *Tabern.* 1089. Ic. 2. *Hist.* Vol. 2. p. 794. f. 1.

Anagyris non fetida-major vel Alpina C B. 391. 3.

Anagyris live *Laburnum majus* Park. 245 fig. 2. *opt.*

Anagy-

Anagyris minus færens vel Laburnum Lob. Ic. 2. p. 49. 2.

Belg. 2. p. 56. fig:

Laburnum Chabr. 78. Ic. 1.

Laburnum arbor trifolia Anagyridi similis I B. 1. l. xi. p. 361. f.

It Flowers in May, June, &c. On Saleve & Jura two Mountains near Geneva where Mr. Ray observed it, as also on the Alps of Savoy.

85. Great podded, *Bastard Sena* Ray 923. 1. H Ox. 122. 1.

Colutea Scorpioides Lob. Ic. 86. 2. pt. 2. Belg. 100. T. 2.

Adv. 405. fig. Chabr. 82. Ic. 1. l B. 1. l. xi. p. 381. fig.

Ger. 1116. fig. 2. Jonst. 1299. fig. 2.

Colutea Scorpioides 1. Tab. 1091. Ic. 1. Hist. 695. f. 2.

Colutea Scorpioides 1. elatior Clus. 97. fig.

Colutea Scorpioides major Park. 227. fig. 2.

Colutea Scoopioides elatior & major frutescens H. Ox. 122. 1.

Colutea filiquosa five *Scorpioides major* C B. 397. 2.

Emerus vulgò Casalp. 117.

Mr. Ray has observed this about Montpelier, Geneva, &c.

86. Common Bladder *Bastard Sena* Ray 1720. 1.

Colutea Ger. 1116. fig. 1. Jonst. 1299. fig. 1. Tab. 1090. Ic. 2.

Colutea Theoph. Lob. Ic. 88. 2. pt. 2. Belg. 101. T. 2. Obs. 530.

Colutea Vesicaria vulgaris Park. 227. fig. 1. C B. 396. 1.

Colutea Vesicaria Chabr. 81. Ic. 6. I B. 1. l. xi. p. 380. fig.

Emeri alterum genus Casalp. 117.

Grows about Trent plentifully, as also on Mount Vesuvius, &c.

Arbores Bacciferæ. Berry-trees.

87. Widdow-wayl Ray 1710. c. 12. Lecaen 83. 50.

Olivella Hispanis. Garoupe Narbonens. Frembd Seidel past
Germ.

Chamelea Dod. 633. fig. Cam. 573. fig. opt.

Chamelea tricoccus. C B. 462. 1. Clus. 87. fig. 1. Hist. 170.

fig Chabr. 46. Ic. 3. I B. 1. l. 5. p. 584. fig. Park. 202. fig. 5.

Chamelea Arabum tricoccus Ger. 1215. fig. Jonst. 1402. fig.

1. Tab. 1075. Ic. 2.

Chamelea vera aliis Tricoccus, Mezereon Cam. Hort. 39.

Chama-

Chamaelea vera, aliis Tricoccus Lob. Ic. 369. 2. Adv. 157.
fig. Belg. 448. fig.

Grows plentifully in Olive Grounds and on the Rocky Hills about *Montpelier*.

88. Plain Oval *Mock-Privet*.

Phillyrea folio subrotundo vix serrato.

These Leaves much resemble the Figure in *Camerarius* his *Epitome* p. 90. marked thus * but its notches less visible.

89. True *Mock-Privet*.

Phillyrea vera, folio acuto, basi lato.

This also is very lightly notcht.

90. Olive *Mock-Privet*. Ray Dendr. 53. 2.

Phillyrea Olea Ephesiaca folio Hort. Med. Chelf. Pluk. Tab. 310. fig. 5.

These Leaves are oblong, pointed and wholly plain.

91. Fine dented, small leaved *Mock-Privet*.

Phillyrea folio minori argutè serrato.

The only Tree of this I have as yet seen is in the *Wilderness* of the *Bishop* of *London's* Garden at *Fulham*.

92. Common *Mock-Privet*. Ray 1585. 2.

Phillyrea fol. Ligustri C B. 476. 4.

Phillyrea latiore folio Ger. 1209. fig. *Jonst.* 1395. fig. 2.

Phillyrea latiusculo fol. *Chabr.* 42. lc. 2. I B. 1. l. 5. p. 539. fig.

Phillyrea 3 *Clus.* 52. fig. 2. *Hisp.* 68. fig.

Phillyrea angustifolia 1, *Park.* 1443 fig. 4. *secundum* *Iconem.*

Grows wild in *Spain* and about *Montpelier*.

93. Common Narrow *Mock-Privet* Ray. 1585. 1.

Phillyrea angustifolia Ger. 1209. fig. 1. *Jonst.* 1595. fig. 1.

Chabr. 42. lc. 1. I. B. 1. l. 5. p. 538. fig. *Lob.* lc. 2. p. 132.

Belg. T. 2. p. 154. fig. *Obs.* 565. fig.

Phillyrea angustifolia 1 C B. 476. 5.

Phillyrea 4 *Clus.* 52. fig. 3. *Hisp.* 64. fig.

Frequent about *Montpelier*.

We shall Conclude with the *Indian Herbs and Trees* in the next *Transactions*.