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V. An Account of divers rare Plants, observed last Summer in several Curious Gardens, and particularly the Society of Apothecaries Physick Garden at Chelsea. By Mr. James Petiver, F. R. S.

SECT. I. English and European Plants.

Narrow curl'd Hartstongue, Ray Hist. Plant. p. 134. I Phyllitis crispa (habr. 557. Ic. 4. J. B. Vol. 3. lib 37. Names. p. 757. Fig. Lingua Cervina angustitolia lucida terè crispa Bob. Hist. Oxon. 557. Sect. 14. Tab I. L. Cervina minor sessification voluto Jonquet Hort. Reg. Paris. 75. L. Cervina angustisolia lucida, sol. serrato Vallot Hort. Reg. Paris. 109. an Hemionitis crispa minor. Muntingij Phyt. Tab. 81. Fig?

The Leaves are of a deep Green above and pale below; its middle Rib prominent on both fides, the edges lightly Defcription. curl'd, and as it were ferrated; they are above a Span long, and not an Inch broad. This elegant Fern has been long an Inhabitant in our European Gardens: That Place. accurate Botanist, John Baubine, fays he first faw it in the Garden of his old Friend Mr. John Heitzman, Apothecary at Basil, A. D. 1608. fince which it hath been translated to Paris and London.

Broad curl'd Hartstongue.

Lingua Cervina maxima undulato folio Bob. H. Oxon. 557. 5. Sect. 14. Tab I. Cervina maxima, undulato fo-<sup>2</sup> lio & autoulato per bosin Morini Jonq. H. R. Par. 75. Names. Pluk. 248. Fig. I. Phyllitis undulata Muntingij Phyt. Tab. 81. Fig. p. 286. c. 13. 3.

Its



Its Leaves are of a pale yellowith Green, above 2 Inches Defeription, broad, and a Span long; crumpled on the edg.s, but not so much as Doctor Plukenet figures it, neither is it notche on the edges, and in those respects Munting's Figure is truer. Mr. Bobart's allo very well expression, which I suppose they both took from the living Plants. It's auriculated at the bafe, and as it were perforated by lapping over the Scalks, in both which it differs from the Narrow Curl'd leaved. The Honourable Capt. Charles Hation, my worthy and learned Friend, fome Years fince N, R. told me, he had seen many curious Varieties of this Plant in the Royal Garden at Paris, about the Time of that famous Flowerist Mons. Morin, who assured him ne had raifed them all from the Seed of the Common Hartstongue. Trifid, Curl'd Hartstongue.

> Lingua Cervina minor crispa, uno pediculo trifolia Val. H. R. Parif 108. Cervina minor crilpa, folio multitido ramola, Pluk. Tab. 248. Fig. 2.

> Dr. Plukenet's Figure is an Original, and taken from the living Plant, which it very well reprefents, and his Name express.

Manna Grafs, or Edible Cocksfoot, Ray 1272. 6.

Gramen Manne vulgo, Boerhave Indice Plant Hort. Lugd. Bat. p. 230. 24. Gr. Mannæ esculentum Lob. pt. 2. p. 24. Ic. 2. Obf. 13. Fig. 2. Belg. 25. Fig. Adv. 4. Gr. Dastylon ( Sculenium C. B. 8. pl. 8. Phyt 20. 91. Theatr. 118. 12. Fig. Graminis genus Dens Caninus 2. Gr. Mannæ Chabr. 179. lc. 5. Ifchemon la ivum sive Gr. Manna esculentum Park. 1178 Fig. 3.

This is generally call'd Gramen Manne, to which fome Etymology. add cfoulentum, because its eaten amongst the Germans; it confly differs from our English broad-leaved Cocksfoot in its Culture. The Italians call both th fe Capriola, Sanguinaria, and Sanguinella (because the Boys there put the tops up their Noftrils to make them Bleed) The Germans call it Scwaden. Mr. Ray in his History p. 1272. pl. 6

A

3 Names.

Names.

N. B.

pl. 6. joyns this with our English broad-leav'd Cocksfoot, viz the wild and manured together. Its fown as Corn in place. many Flaces of Germany, and used by them in Pottage and Meat, as we do Oatmeal. Gesner says its eat in Sallets. Is grew very plentifully in Chelsea Physick Garden from Seed, which Dr. Indoviens Stockins, a curious Botanist, fear me.

Single Spiked Havergrass.

Festura fri à fimplici aristata.

The lower part of the Spike is more obvioufly divided 5 into 3 or 4 loofe alternate Locuftæ, each ending in a long arifta or beard.

Afarabacca. Ray 207. 1.

Afarum C B. 197. 1. Phyt 368. 1. vulgare Park. 266. 6 Fig. 1. Afarum, Baccaris five Baccatus Lob. 601. Icon. 1. Belg. 713. Fig. 1. Obf. 328. Adv. 261.

Grows wild in Provence, Savoy, Switzerland, &c. in place. Inady Woods, Flowering in the Spring. Its nurs'd in many Gardens for is use in Physick.

Thick Hoary Rupture-wort. Ray 214. 6. varietas.

Herniaria hiríuta folijs & ramulis dense stipatis, fruticofa, viticulis lignofis, foliolis oblongiusculis brevis den. Names. siflima C B. 281. xi. Var.

This feems to differ from the common hairy Rupture-Character. mort, in having more twiggy Branches, with Leaves and Flowers thicker fet. Chelfea Garden is obliged to Mr. Jacob Bohart for this Plant, who was fo kind as to fend me Specimens of it fome Years fince.

Roman or Pill-Nettle, Rays English Herbal Tab. 1. F. xi.

Urtica Romana Ger. 570. Fig. 1. Jonft. 706. Fig. 1 Park. Names. 440. Fig. 1. Romana five Mas, cum globulis I B. 3. 1. 4. p. 445. Fig. Chabr. 478. Ic. 4. urens Pilulas ferens 1 Diofc. C B. Phyt. 440. 4. fem. Lini C B. 232. 4.

This differs from our Great Nettle in bearing its Seed Character. in little Balls. Its found in some few Places of England, Place. but very rare.

Common

Names.

Place.

10 Names.

Character.

Places

11 Names. Common Bur-Nettle: Ray's Engl. Herbal Tab. 1. Fig. 12. Lappa minor, Xanthium Diofc. C B. 98.6. Phyt. 373.6. Lappa Strumaria, fol. angulofis difpermos, echinis bicornibus furfum rigentibus ad foliorum alas confertis Alm. Bot. 205. Lappa minor Tab. 773. Ic. 2. Hift. V. 2. p. 448. Fig. Found wild in divers Parts of England, but not common.

Portugal The ney Bur-Nettle. Muf. Petiver 100.

Lappa minor polyacanthos seu Xanthium Lusit. validisfimis aculeis munitum Almagest. Botan. 206. Xanthium spinosum Lusitanicum Parad. Batav. 246. Fig. prodr. app. spinosum Lusit. validissimis aculeis munitum Element Bo. tan. 348. Instit. Rei Herbar. 428.

These Leaves are much more jagged and deeper cut then the common, and what is most particular at the setting on of these are 3 long yellowish Thorns. The Flowers and Fruit like the common. Its accurately figured and described in Dr. Herman's Paradysus Batavus, p. 246. as also in Dr. Magnol's Cat. Horti Regij Monspeliens. Dr. Tournfort first discovered this in Portugal, and Mr. Jezreel Jones has since gather'd it about Lisbon. This elegant Plant I have only seen in the Bishop of London's Garden at Fulham.

Golden Mousear, or Grim the Collier. Ray 243. 2.

Auri cula Muris Hifpanica, alijs Hieracium Pannonicum fl. faturate crocco I B. V. 2. k 24 p. 1040. Fig. Hieracium Hortense floribus atropurpurascentibus C B. 128. xi. pr. 65. 18. Hierac. latifolium peregrinum Phlomoides H. Eyst. Pilosella major Park. parad. 300. c. 65. Fig. 29. 75. sive Auricula Muris Hispanica, quibusdam Hieracium Pannonicum Chabr. 324. Ic. 2.

Its broad whole hairy Leaves, and deep Orange-coloured *Howers*, diffinguish it from all others. It Flowers in *June* and *July*, and fometimes again in *September*. It hath many Years been an Ornament in most Country Gardens.

Columna's

Character.

Time,

Columna's long stalk'd Hawkweed. Ray 234. 15. 12 Hieracium montanum alterum leptomacrocaulon, Col. Names. 249. c. 9. 93. Fig. montanum hirfutum minus CB.

This is a tall fmooth Hawkweed, branched into many fmall Flowers most part of the Summer.

Columna's Purple Hawkweed. Ray 231.5. 13 Hieracium Apulum fl. fuave rubente Col. 242. Fig. c. 90. Names Hieracium Intybaceum fl. carneo Park. 794. Fig. 3. Intyb. x. Clus 1. 5. p. 152. Intyb. fl. ex purpuro rubentibus CB. 128. 3. Dentis Leonis folio, fl. suaverubente CB. 127. 7. ramofum Pone Ital.

Its beautiful Blufh-coloured Flowers, which rarely Character. happen in this Tribe (they being moftly yellow) diffin. guilh it from others. It grows in Italy, where it Flowers in April, but in our Gardens later.

Rough Bufhy Hawkweed. Hieracium alperum ramolifimum.

This is a buffiv Plant very much branched and matted, Defcription: with finall yellow Flowers, each ftanding on long naked Stalks, fomewhat bearded and rough, not unlike the Lang du Beauf, but much lefs. I first gathered this in her Grace the Dutchefs Dowager of Beaufort's Garden at Chelsea, where it flower'd plentifully, as it hath fince done in the Physick Garden.

Fine jagged Smooth Sowthiftle. Ray 224. 3.

15 Chondrilla lutea I.B. 2.1, 24. p. 1020. Fig. Chabr. 317. Names. Ic. 5. Coronopi aut Cyani facie tenuifolia lutea vinearum Ad. 84. Hieracium fol. in tenues lacinias profunde fectas fl. luteo Pluk. Tab. 93. Fig. 3. Sonchus levis valde laciniatus Park. 805. 5. levis in plurimas & tenuistimas lacinias divisos C B. 124. 2 prodr. 61. 3.

Dr. Pluknet's Figure very well represents this Plant, N.B. which he defign'd from a living Specimen formerly gathered in Chelfes Garden, where it flowered freely the laft Summer.

14

Curl'd

16

Curl'd Nipplewort. Lampfana foliis crifpis. Its lower Leaves, being finely curl'd, diftinguish it from the common.

Hawkweed-Mary-gold. Ray 256. c. 2.

Calendula procumbens Hieracij flore, capitulum inclinans femine adunco Herm. Leyd. 104. Cichoreum femine adunco H. R. Bleff. 361. Hedypnois annua El. Bot. 380. Inft. Rei Herb. 478. Hieracium florem inclinans I B. 2.1. 24. p. 1032 Fig. & H. fl. nutante Chabr. 321. Ic. 6. Hieracium capitulis inclinans femine adunco CB. 128. 1. minus alterum capitulo inclinante C. B. Phyt. 212. 17 Rhagadiolus Cætalpini. Hieracium facie Hedypnoidis Park. 795. Fig. 1. Lob. 239. Ic. 1. Belg. 288 Fig.

It refembles the Marygold in bearing yellow Flowers, with longifh rough crooked folid Seed, but none flat. It grows wild about Basil and Mompelier, flowering in March and April.

Wart Succory. Ray 255. 5.

Zacintha five Cichoreum verrucofum CB. in Matth. 389. Fig. 9. Chondrilla verrucaria CB. Phyt. 215. 8. verr. folijs Cichorei viridibus CB. 130. 10. Park. 779. Fig. 8. Cichoreum verrucofum five Zacintha Hieracijs adnum randum I. B. 2. l. 24. p. 1013. Fig. verr. Verrucaria Chabr. 315. Ic. 2. Marra di Cavaliero Italis.

Calceolarius, a very curious Apothecary at Verona, who fent this to Matthiolus, afferts, that the Leaves eaten as a Sallet, will effectually take away Warts, and that a Dram of the Seed taken inwardly for 3 Nights together, will do the fame. Camerarius fays a cer ain Surgeon at Padua cured Warts in any part of the Body, by giving a Spoonful of the Seed powdered for 3 Days at the Moons decrease, by which Secret he got a great deal of Money. Lobel affirms, that the Juice of the Leaves outwardly apply'd will cure Warts, as also taken in Wine it helps the biting of a Mad Dog. This Plant is faid to take its Name from Zacintha, now call'd Zante, an Ifle in the Tonian

17 Names.

Character.

Place:

18 Names.

Vertues.

Place, &c.

Yonian Sea, where it was first discovered. Mr. Ray has observed it wild about Leghorn and Florence. White Butterbur. Kay 261. 2.

19 Petasites minor CB 197. 2. Park. 419 flore candido Names. inodoro CB. phyt. 370. 2. albus, angulofo folio I.B. 2. l. 21. p. 568. Fig Iolio angulolo, rad. geniculata, caule striato, fl. albo Chabr. 513. 1c. 4.

It differs from the common in being fomewhat lefs; its Character. Flowers are white, with angular ferrated Leaves. Mr Ray observed this Plant at the foot of the Hills between Ga-Place. via and Genoa. It Flowers in April.

White leaved Butterbur. Ray. 261. 3. 20 Petafites minor folio Tuffilaginis Jonquet 98. H.R. B'eff. Names. Pluk Tab. 212. Fig. 7. minor alter Tuffilaginis folio Vallot 139.

The Leaves of this are very white underneath like Coltsfoor but more pointed. I have observed both these Character in Chellea Garden.

Dutch Crupine. Ray 331. c. 15:

2 I Crupina Belgarum Nobis. Centaurium Capitatum ciliare Names, annuum, fol laciniatis serratis H. Blef. 362. Chondrilla Hispanica Jonft. 287. F. 4. purpurascen e fl. C B. phyt. 215. 4. folijs laciniatis serratis, purpuralcente flore C B. 130. 3. rara purpurascente flore, semine nitido deciduo Lob. 231. Ic. 1. Obf. 116. Fig. rara purpurea Crupina Belgarum dicta Park. 786. F.4. Cyanus pulchro femine Centaurij majoris I. B. 1 25. p. 24. Fig. pulchro fem. Centaurij minoris (pro majoris) fl. purpurascente Chabr. 341. Ic.1. Senecio carduus Apulus Col. 32. Fig. c. 7.

It's a pretty Annual Plant. with a purple Flower like Charaster, Sam-wort, and fhining fmooth velvetty Seeds, which on flutting them in your hand, are apt to flip or creep out, for which reason the Dutch call it Cruypen. It grows in Place. Italy, Spain, Narbone, and about Mompelier,

Sicilian

#### Sicilian Milk-Thiftle.

Names.

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Character.

Time.

23 Names.

Place.

24 Names.

Character.

Place.

25 Names.

Character.

26 Names.

Carduus Siculus Acanthoides, venis albicantibus Nobis humilis alatus five Carduus Maria annuus, folio lituris obscuris notato Cupani Hort. Catholici.

This refembles our English Gray Thistle, having many fmall purple Flowers and welted Stalks; its Leaves gray below but smooth above, and faintly veined with white. We are obliged to Father Cupani for the difcovery of this Thiftle." It Flowers with us from June till Angust : I have as yet feen it only in Chelfea Garden.

Great Globe Thiftle. Ray 282. 1.

Echinopus Chabr. 351. Ic. 3. major I. B. 3. 1. 25. p.69. F. Carduus Spherocephalus Dod. 722. Fig. Spher. latifolius vulg. C B. 280. 1. Spherocephalus feu Globofus major Park. 977 Ic 2. Scabiofa Cardui tolio Sphærocephala elatior H. Leyd. 529.

Mr Ray observed this in the hilly Woods about Viterbo. Great Centaurean Scabious. Ray 374. 1.

Scabiosa Alpina CB. phyt. 526. x. Alp. maxima Lob. 537. Ic. 2. Ad. 233. Fig. Belg. 638. Fig. Alpina folijs Centaurij majoris CB. 270. I. montana maxima Park. 487. Fig. 1.

Its Flowers of a pale yellow, the Leaves like the great Centaury, and its largeness diftinguish it from others. Mr Ray observ'd this on the top of Thuiri on Mount Jura.

Teasell Scabions. Ray 378. 16. Var. Scabiola Virgæ Pastoris folio C B. 270. 6. Phyt. 527. 13. latifolia peregrina Tab. 160. Ic. 1. Hift. 547. Fig. 8.

The Flower of this is very like the common Scabious, both in Shape and Colour, but the Leaves whole and ferrated like the Teasell. It Flowers in June.

Fine cut Sicilian Scabious. Ray 378.13. Var.

Scabiofa maritima Rute Canine folio Bocc. Pl. rar. 74. & 95. Tab 40. & 52.

Its lower Branches lye on the Ground, with Leaves deeply cut like the Scrophularia Rute Canine folio, and ftill Rill finer on the Stalks; its Flowers pale, and fometimes Found on the fandy Shores about Gaeta. The bluth. Revd. Mr Stonestreet, a curious Naturalist, gave me a Specimen of this, which he raifed from Seed.

Valentia Fennel Tanfy.

27 Coma Valentina Cotulæ fol. Nobis. Buphthalmo tenuifelio Names. fimile, Chrythanth Valent: Clusij I. B. 3. 1. 26. p. 125. c. 19. Fig. Chabr. 364. Ic. 2. Chryfanthemum Valentinum Clusij 232. Cotulæ fl. nudo El. Bot. 296. fl. luteo nudo I R. H. 495.

This is like our Dogs Camomile, but the Flowers are Character. naked.

Hoary yellow Millfoil. Ray 347.8.

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Millefolium tomentosum luteum CB. 140. 7. J. B. 2. J. Names. 26. p. 138. Fig. toment. lut. Monspessful anum & Narbonense Chabr. 367. Ic. 1. Millefol. luteum Lob. 748. Ic. 1. Obf. 431. Ic. Belg. 912. Fig. Park 694. Ic. 6. Millefol. luteum tomentofum CB. phyt. 240. 7. Stratiotes Millefolia, flavo flore Clus. 330. Fig.

Caspar Baubine gathered this in Tyrol, A. D. 1577: in place. his Journey to Italy. Mr Ray observed it about Avignion and Aurange; it grows also in Spain. Flowers in June, Time. July, &c.

Smallage Lafer-wort.

Laserpitium Apij folio.

29

Its Flowers are very fmall, and frequently at going off have but 2 bifid Petals like our Circea, the fingle Stalks of each Umbell have rarely more than 3 or 4 welted Seed on them, which ripen about July. The Leaves ftiff and very like Smallage. Chelfea Garden is the only place in which I have feen this Plant.

20 Small Candy Sheaperds Needle. Ray 428. 2. Aniso-marathrum Col. 90. Fig. c. 24. Clus. app. alt. Names, Pecten Veneris tenuissimé disse folijs, Anthriscus Causa bonæ 1. B. 3. 1. 27. p. 73. Fig. Chabr. 392. Ic. 2. Scandix Cretica minor CB. 152. 4. prodr. 79. 2. Cret. fimilis C B: G phyto

Phyt. 265. Scandix Cretic. fimilis fen Anthriscus Park. 916. Fig. 3.

It's a great provoker to Venery, and often eaten in Sallets. It grows not only in *Candy* but in divers barren Places about *Mompelier*, and has there, both the tafte and finell of *Anifeed*.

Garden Skirrets. Ray 442. 1.

Elaphobofenm Diofeoridis Col. Phyt. 89. Fig. opt. Sifarum Lob. 710. Ic. 1. Obf. 408. Fig. Belg. 866. Sifarum Germanorum C B. 155. 1. multis Chabr. 401. Ic. 5. & 6 I. B. 3. l. 27. p. 153. Fig. Sifer vulgaris Park. 945. F. 1. Thefe are cultivated in many Gardens, for the fake of their Roots.

Broad upright Mountain Madder. Ray 481. 2.

Gallium montanum latifolium ramofum H. Leyd. 268. El. Bot. 94. I. R. H. 115. fl. albo majus, five Mollugo montana Park. 564. 3. Mollugo Dod. 354. mont. latifolia ramofa C B. 334. 1. Rubia Sylvatica lævis Chabr. 546. Ic. 4. I B. 3. l. 36. p. 716. c. 7. Fig.

It's smoothness and growing upright distinguish it from others. It grows in the hilly Woods about Aken or Aix La Chapelle, &c. flowring in April.

Clivers with warty Seed. Ray 485. 3.

Aparine sem. Coriandri Saccharati Park. marg. 567. 2. fructu verrucolo Jong. 14.

It differs from the common in being less, with warty Seed like Coriander Comfitts, but they do not flick like Burrs as the reft. I have gathered this at the l'hyfick Garden at Amfterdam, and also at Chelfea.

Purple jugged Selfheal, Ray 551. 2.

Brunella 2. fl. purperco Clus. 1. 4. p. 43. folio laciniato C. B. 261. 2. minor fol. lacin. C. B. phyt. 503. 3. Symphytum petreum Lob. 475. Ic. 1. Obf. 251. Fig. Belg. 559. Fig.

Ufe.

Place.

31 Names.

Place.

32 Names.

Character.

33 Names.

Character.

34 Names.

Place, &c.

Like the common, but with jagged Leaves. It grows wild about Paris.

White jagged Selfheal. Ray 551. 2. 35 Brunella fol. laciniato fl. albo H. R. Par. Frunella fl. Names. albo parvo, fol. laciniato I. B. 3. l. 30. p. 429. Fig. fl. albo parvo, folijs in medijs caulibus profunde diffectis Chabr. 474. Ic. 1. Prun 2 non vulg. albo flore Clus. 1. 4. 43.

It differs from the last only in having a white Flower. Character. Spanish tuberose Catmint. Ray 550.6.

Cataria Hispanica supina Betonica solio tuberosa ra 36 dice El. Dotan. 171. I. R. H. 202. Mentasirum tuberosa Numer. radice I. B. 3. I. 28. p. 227. Fig. Chabr. 5. Ment: 2 tuberosa radice Clus. Pan. 585. F. 2. Hist. 33. quoad deser. sed 3 secund. Icon. Mentha tuberosa radice C B. 227. 7. Phys. 430. x.

Les Spikes of Flowers are thick fet in ftriated hairy whorls. Charabler. Califdony or French Lavander. Ray 514. 1.

Stæchas Tragi 70. 12. five Stichas Chabr. 424. 1c. 4. Lob. Namer. 429. Ic. 2. Belg. 516. Osl. 234. Arabica vulgo diëta I. B. 3. I. 28. p. 277. Fig. brevioribus ligelis Clus. 344. purpurca C B. 216. 1. Phyt. 408. 1. vulgaris Park. 67. Fig. 1.

This famous Medicinal Plant grows in many Parts of Place: Spain, Portugal and France, where it Flowers in April and May.

Bætick Germander. Ray 526. 3. Teucrium Bæticum Clus. Hifp. 229. Fig. Bæt. & Creti-Names. Cum Clus Chabr. 429. Ic. 3. I. B. 3. I. 28. p. 291. c. 68. F. Teucrium fruticans Bæticum five 3 (lus. 342. Fig. percgrinum folio finuolo C B. 247. 4. Phyt. 471. 3.

It's a specious handsome Plant in Gardens, and ea- Chariller. Sly distinguish'd from others by its large blue Flowers, and Silver like Leaves underneath.

Venice Hour Mallom. Ray 1067. 7.

Alcea Veneta Tragi 925. Eig. Vescoaria C B. 317. 7. Name. phyt. 634. 8. Dod. 657. Vesicaria Veneta H. Ox. 533. xi. S. v. Tab. 18. peregrina folisequa Lob. 656. Ic. 2. Belg. 203. Fig. Obs. 374. Fig. per. soliseq. Veneta quibusdam dicta Chabr. 300. Ic. ç. Ketmia Vesicaria vulgaris E. B. 83. I. R. H. 101. Malva Horaria vulgo. Ray 1057. 7.

G 2

This

#### ( 44 ) This Mallow has its Name from the flort duration of

its Flower, which it keeps open but an Hour or two,

and that about Noon when the Sun shines. It grows in Italy and France, flowering in May, and soon after

Character.

Place.

40 Names. fades. Prickley headed Candy Crowfoot. Ray 582. .2 Ranunculus echinatus Cret. Park. 331. F. 6. Pon. Ital. 41. Ranunculus ftellatus echinatus Cret. CB. 180. 2: H. Ox. 440.

Ranunculus stellatus palustris echinatus I. B. 3. p. 858.

This is a low Plant with angular Leaves, small Flowers, and large prickley Leaves.

White Pyrenean Plantain Crowfoot. Ray 558. 1.

Ranunculus montanus folio Plantaginus C.B. 180. 4. mont. longifolius C.B. Phyt. 327. 30. Plantaginis folio Park. 334. 3. Fig. 337. 3. Pyreneus albo flore Clus. app. alt. Fig. Pyren. fol. sublongis non laciniatis, albo flore Chabr. 466. Ic. 4. I. B. 3. p. 848.

Its Leaves like Water Plantain, but imaller, with a white Flower in the Spring. It grows wild on the Pyrenean Mountains.

Double White Mountain Crowfoot. Ray 589. 2. Var.

Ranunculus albus flore pleno Park. parad. 216. 4. mont. albus fl. pleno Ejuld. 219. Fig. 9. albus major alter Gefn. Hort. 295. albus flore den 60 1. B. 3. p. 844. folio Aconiti, fl. albo multiplici C B. 179. 6. hort. albus multiplici flore C B. Phyt. 330. 40. niveus polyanthos Lob. 667. Ic. 2. Belg. 814. Fig. Obf. 381. Fig.

This has long been nurs'd in many Gardens, and is known from others by its very double white Flowers, with angular jagged Wolfsbane Leaves.

Dioscorides his Orpine. Ray 1016. 1.

Telephium Dioscoridis Imperati 665. Fig. legitimum Imper. 7. Clus 67. repens folio non deciduo C B. 287. 6. Helimthes species rate, comâ inflexâ in Heliotropio Chabr. 101. Ic. 6. I. B. 2. I. 13. p. 20. Fig.

It grows in Narbone on freep Rocks and Precipices, flowering in June and July. Pliny's

**41** Names.

Character.

42 Names.

Character.

43 Names.

Place.

Pliny's Cucubale. Ray 682. ú.

44 Cucubalus Plinii Lugd. 1429. Cucubalum quibusdam Names. vel Alfine baccifera I. B. 2. l. 15. p. 175. c. 42. Fig. Plinij quibusdam; Alfine baccifera tr. nigro Chabr. 124. Ic. 3. Alline repens major Clus, 1. vi. Fig. 183. repens Clus. Hilp. 414. Fig. Alfine ferpeggiante Durant. 19. Fig.

It grows in flady Hedges in Italy, France, Spain, Ger-Place. many and Holland, flourishing all Summer, and in our Gardens in July and August.

Ivy Toad Flax. Ray 759. 36

45 Cymbalaria C B. 306. Phyt. 615. Italica Jonfr. 520 F. C. Cymbalaria Italica Hederacoa Park. 682. Fig. Ital. Hederaceo folio Lob. 615. Ic. 1. Obf. 337. Fig. Belg. 333. Fig. Cymbalaria flosculis purpurascentibus I. B. 3. 1. 35. p. 685. c. 7. Fig. Cymb. vel Cymbalaris Capni genus alterum quibusdam Chabr. 538. Ic. 1. Linaria Cymbalaria dicta. Ray 759. 36: Hederaceo folio glatro f. Cymbalaria vulgaris, El. Bot. 139. I. R. H. 169.

Mr Ray observed this on the Walls of Basil. It grows Time, also very common in Italy on most Walls, Rocks, Sec. It's faid to be found wild upon Thatch'd Houfes in the North, and in Lancashire plentitully.

Sage Figwort. Ray's English Herbal. Tab. 35. Fig. xi. 45 Scrophularia Scorodoniæ fol. H. Ox. 482. 5. Sect. v. T. 35. Names. Scrophularia Meliffæ folio. El. Bot. 136. I.R. H. 166.

Dr. Sherard observed this Plant by the Rivulet fides, Place. betwixt the Port and St. Hilary in the Iffe of Ferfey, and Mr Edw. Lhwyd, that Curious Naturalist, near the Sca Shore about St. Ives in Cornwal.

Yellow Figwort. Ray 765. 6 47 Scrophularia flore luteo C B. 236. 5. Prodr. 112. Fig. Names. opt. Phyt. 447. 5. defer. Park. 611. 6. Galeopfis altera luteo pallida Park 608. Fig. 4. Scrophularia lutea, magna, amplis folijs I. B. 3. l. 30. p. 422. c. 23. Fig: montana maxima Col. 191. c. 7. annua folio Lamij, fl. luteo H. Ox. 482 z. S. v. T. 8. an Lamium Pannonicum alterum five exoticum Clus. 38. Fig. Pann. 595. Fig.

Columna

## (46)

Tlace.

48 Name:

Tlace.

49 Names

Names.

Character.

50

Columna found this in Italy. It Flowers and Seeds in May and June.

Red, Nettle Figwort. Ray 765. 5.

Scrophularia folio Urticæ C B. 236. 4. flore rubro C.B. Phyt. 446. 4. Camer. I.B. 3. I. 30. p. 422. c. 32. Fig. peregrina Cam. Hort. 157. Fig. Park. 611. 4. an Scrophulatia Cretica 2 Clus. 210.

This grows on the Walls of Pifa, and elsewhere in Italy.

Portugal Elder Figwort.

Scrophularia Sambuci fol. capfulis maximis H.Ox. 483.6. Scrophularia fl. rubro, luteo, vario pulchro Virid. Lusit. Pluk. Tab. 313. F. 6. Lusit. fl. luteo eleganti, folijs incisis Schuyl. H. Leyd. 70. peregrina altera Park. 611. Fig 5. Mr Parkinson had the Seed of this Plant out of Italy.

Small Rocket Figwort.

Scrophularia Resedæ folio Nobis. fl. variegato minor, Ruta Canina dicta H. Ox. 483. 9.

These Leaves are glaucous or blewish, and deeply cut like our Base Rocket. Its Flowers many and small, reddish and white. Chelsea Garden is the only Place I have as yet observed this pretty Plant, where it Flowers from May to July.

Hoary Sea Medick. Ray 965. 26.

Medica marina Cam Hort. 98. Fig. 28. Clus. 243. Fig. Lob. 2. p. 38. Ic. 1. Belg. 2. p. 43. Fig. Ad. 312. Fig. Park. 1114: 4. Tab. 510. Ic. 2. Hifl. 212. F. marina S. Trif. Cochleatum marinum Chebr. 165. Ic. 5. Cochleata polycarpos, capfulà spinosà minimà perennis incana maritima H. Ox. 144. 15. lutea Gnaphalitea marina nostra é littore Veneto Donati 63. Trifolium Cochleatum maritimom C.B. Phyt. 660. 24. Coch. mar. tomentosun C.B. pin. 329. 7. Trifolium marinum Gesn. Hort. 285. Cochleatum marinum Ger. 1029. Ic. 2. Jonst. 1203 Fig. 3. Trif. Coch. mar. five Medica marina i. B. 2. 1. 17. p. 383. c. 65. Fig.

51 Names.

## (47)

That curious Botanish Carolus Clusius found this in the Place. Mouth of the Tagus near Lisbon, Howering in December A. D. 1564. It grows also on all the Mediterranean Shores.

Bobarts Smooth Tunns.

52

Medica turbinata glabra Jac. Bobart. an Medica Coch-Names. leata major dicarpos, fructu capíula turbinata plana H. Ox. 153. 5. 5. 2. Tab. 15. 5.

The Figure of the uppermost Cluster of Parkinfon's 9 N.B. forts of Medica p. 1116. very well refembles this Fruit, but I have not as yet observed formany as he represents, wiz. 6 together. These Leaves are finely serrated; those Description. about the Root are some roundish, others brond, and towards the uppart part pointed; the Fruit has about 6 twirls wholly smooth, and flat at each end, often fingle; sometimes 2 or 3 together, rarely more. I am obliged to Mr Jacob Bobart, Botannick Protessor of the Phylick Garden at Oxon, for the first Specimens of this elegant Plant, who hath fince fent its Seed to Chelsed, where it now grows.

Camerarins h's Moon Claver. Ray 922. 5. 53 Auricula Muris Camerarij Hort. 24. Tab. 8. I. B. 2. I. Names. 17. p. 387. Fig. Chabr. 167. Ic. 3. H. Ox. 181. 4: Anthyllis leguminofa marina Bæsica vel Cretica S. Auricula Muris Camerarij Park. 1093. Fig. 2. Loto affinis filiquis hirfutis circinatis C. B. 233. 4. Medicago Vulnerariæ facie Hifpamica El. Bot. 328. I.R.H. 412. Trifolia filiqua talcata fimilis C.B. Phyt. 661. 29.

The Reverend Sir George Wheeler, that curious Bota- Place, nift, found this on the Isle Salamine near Athens.

Yeliowith Meadow Trefoil. Ray 943 8.

Trifolium pratense hirstnum majus,flore albo sulphureo seu ocroseuco. Ray 9438. Synons. 134. 3. edit. 193. 3. Trifolium Lazopoides annuum hissutum pallide luteum seu ocroseucum H. Oxon. 141. 12. Sect. 2. Tab. 12.

The

54

Character.

Time and Place.

55 Names,

Distinction.

Place.

56 Names. The peculiarity of this *Clover* is in having yellowith Flowers, efpecially when they first appear. Its Leaves plain, hairy, fmall; and round below, but above more pointed, standing on long hairy Stalks. It Flowers in June in Thickets and dry Pastures. Mr Ray first observed this about Geneva, and has fince been found in England. Teafell headed Trefoil. Ray 945. xi. Pluk. Tab III. F. 4.

Trifelium sellatum glabrum Jonst. 1208. 6. Trifelium capitulis Diplaci quorundam. Ray 945. xi.

Its Leaves stand on long Stalks, are not serrated, but soft and roundish; the Flowers shesh coloured, not large, each guarded with 2 pointed small green Leaves; these turn into 5 Star-pointed Burry heads like Eryngo or Teafell, but much smaller. Mr Johnson tirst di'covered this the 10th of June 1633. in Dartford Salt Marsh. I have also gathered it about Tilbury Fort against Gravefend. Mr Ray observed it about Melsina in Sicily, and Dr. Balam at Tangier.

Small knotted Trefoil, with large Seeds. Ray 945.14.

Trifolium nodiflorum, glomerulis mollioribus & rotundioribus fem. magno Ray Cat. Angl. Tr. dilute purpureum glomerulis florum oblongis, fine pediculis caulibus adnatis Cat. Cantab. parvom hirfutum, fl. parvo dilute purpureo in glomerulis oblongis femine magno, Ray 945. 14. defer. opt. Syn. 134. 7. edit. 194. 8. an Trifol. cujus caules ex geniculis glomerulos oblongos proferunt I. B. 2. l. 17. p. 287. Fig. Chabr. 165. Ic. 5. Ray 946. 16?

Description.

From a fingle white Root it fends forth divers branch'd Stalks, in barren Places fcarce a Span long, trailing on the Ground; but in fatter Soil much longer. Its Leaves dark, green, hairy and whole; those next the Root fmaller, bluntish, and fometimes cordated; towards the top they are longer and pointed, standing on shorter footstalks. The Flowers small, Flesh coloured, and quickly Fade, growing at the ends of the Branches: These turn into hard thick set keads, in barren Ground roundish, in better better Soil oval; they have always one, and fometimes 2 Leaves at each head, which when full ripe, are ftreakt, hairy, and fwell, each Husk ending in 5 little Thorns, in which lies one large yellowifh Seed. It grows in bar-Place. ren Paftures.

Knotted Trefoil with rough heads. 57 Trifolium floculis albis in glomerulis oblongis asperis, Names. cauliculis proxime adnatis, Ray Syn. edit. 2. p. 134. 9. Trifolium parvum rectum flore glomerato cum unguiculis I. B. 2. l. 17. p. 378. Fig. Chabr. 162. Ic. 3. Ray 946. 15?

This has whilifth Flowers and rough heads, ending in Character. 5 ftiff points. It grows with the Sefamoides Salamanticum near the Mill at New Market, and in divers other Places.

Knotted Trefoil with foft round heads. Ray 948. 24. 58 Trifelium cum glomerulis ad caulium nodos rotundis, Names. Ray cat. Angl. & Syn. 134. 8. edit. 194. 9: fupinum cum glomerulis ad caulium nodos globofis floribus purpurantibus Ray 948. 24. Pluk. Tab. 113. Fig. 5. It's Leaves crenated, Flowers flefb-coloured, with foft heads, in which Character. it differs from the laft. Thomas Willifell and others have found this about London, and Mr Ray at Sax-Mundam in Suffolk, as also abroad, viz. about Melfina.

Mompelier Star Trefoil. Ray 945. 12. Trifolium stellatum C. B. 329. 1. Phyt. 662. 35. defcr. Names. Prodr. 143. 1. defcr. stellatum hirsutum Jonst. 1208. 5. Trifolium stellatum Monspeliensium Lob. illustr. 154. Park. 1105. Fig. 1. Trifolium stellatum purpureum Monspel. I.B. 2. l. 17. p. 376. Fig. Chabr. 161. Ic. 4. H. Ox. 143. 9. S. 2. 13. Fig.

Its foft starry beads, with very long and limber rayes, Characher. distinguish this from other Trefoils. It Flowers and Seeds in April and May. Jonston fays he faw this in Mr Tradefcants Garden, flowering in May, who brought it from Formentera, an tile in the Mediterranean near Ivica. Mr Ray has observed it to grow plentifully at the foot of H Mount Mount Vesuvius, as also about Messina and Mompelier. Mr Jezreel Jones gathered it about Lisbon, and Dr. Salvadore has font it me from Barcelona.

Salamanca Strawberry Trefoil. Ray 947. 19. Trebol de Prados Salmanticensibus.

Trifolium pratense folliculatum CB. 329. 2. Salmantionm Ger. 1021. Ic. 3. pratense Salmanticum Clusij 247. Fig. Hisp. 474. Fig. Park. 1111. Fig. 3. Jonst. 1189. Fig. 3. Tritolium folliculaceum seu Vesscarium minus purpureum Chabr. 163. Ic. 1. I. B. 2. 1. 17. 379. Fig. Fragiferum s. Vesicarium floribus nitidis rubellis Ray Syllog. 255. Trifol. Elispanicum Tab. 522. Ic. 1. Hist. 221. Fig.

Its finall bright red Flowers diffinguish it from common Strawberry Trefoil. It grows in the Meadows about Salamanea, and Flowers all the Summer. Mr Ray obferv'd this elegant Trefoil about the Port of Leghorn and elsewhere in Italy in the borders of Fields. Mr Jacob Bobart formerly fent me a Specimen of this, which now grows in the Phylick Garden at Chelfea.

Silver Moon Cytifus. Ray 973. 17.

Cytifus 3 Cornutus Tab. 1094. Ic. 1. Hift. 798. F. 7 Corn. Ger. 1124. Fig. 7. Jonft. 1305. F. 7. incanus filiquis falcatis C B. 398. 1. Cytilus Galeni creditus, Maranthe cornutus Park. 1471. Fig. 1. Maranthe Matth. Lob. 2. p. 46. Ic. 2. Belg. 2. p. 53. Ic. 1. Obf. 503. Ic. filiquá incurvá folio candicante Chabr. 78. Ic. 3. I. B. 2. I. 11. p. 367. Fig. Medicago trifolia frutescens incana El. Bot. 328. I. R. H. 412. Trifolium frutescens incana El. Bot. 328. I. R. H. 412.

Character.

Place.

It's an elegant Shrub, with filver Leaves, and tuffs of yellow Flowers at the tops of its Branches, which turn into fmooth crooked Pods. The Heart of this is black like Ebony, and of it the Turks make Handles for their Subres, and the Priefts of Patmos turn them into Beads to pray with: Bartholomew Marantha found this on a certain Hill near Naples. Honorius Bellus observed it also

60 Names

Character.

Place.

61 Names. also in Rhodes, but more plentifully in a little Island near it call'd Astachida. Mr Ray law it about Baia near Naples in Italy. In our Gardens it Flowers in June, and bears Pods towards Autumn.

Smooth round leaved Cytifus. Ray 973. 13. 62 Cytifus Ger. 1121. Fig. 2. Jonft. 1304. Fig. 2. alter Lob. Manues. 2. p. 46. Ic. 1. Belg. 2. p. 52. Fig. 2. alter minor & vulgatior Adv. 388. Fig. glaber filiquâ latâ Chabr. 80. Ic. 2. I. B. 1. 1. xi. p. 373. Fig. glabris folijs fubrotundis Cytifus pediculis brevifimis CB. 390. 1. Cytifus v. rotunditolius Tab. 1095. Ic. 2. Hift. 798. Fig.

The roundness of its Leaves, very short Stalks at the Character. top of the Branches, and *fmooth Pods*, diftinguish it from others. It makes a beautiful Hedge in Gardens, and Flowers there in *June*. Mr. Ray observed this on the Sea Flace. Cliffs near Salernum in Italy.

Scarlet, square codded Pease. Ray 966. 1. 63 Pisum flore coccineo, siliquâ quadrangulâ Nobis. Lotus Names. tetragonolobus Cam. Hort. 91. Fig. 26. Lotus quadripinnatis filiquis Park. 1101. Fig. 2. Lotus ruber. siliquâ angulosa CB. 332. 13. Lotus siliquosa, fl. fusco tetragonolobus 1. B. 2. l. 17. p. 358. Fig. Chabr. 157. Ic. 5. Lotus siliquosus fl. rubro Clus. 244. Fig. Paun. 763. Ic. Lotus oligoceratos tetragonolobus annuus Cretic. fl. rubro seu holofesiceo coccineo H. Ox. 176. 7. Lotus filiquâ quadratâ Jonst. 1168. Fig. 3. Trifolium filiquosum rubrum CB. Phyt. 668. 60.

Its deep Scarlet Flowers, and square welted Pods, di-Character. stinguish it from all others. Mr. Ray observ'd this on the tops of the Hills about Melfina. Dr. Salvadore, a Place: very curious Botanist, hath sent it me from Barcelona.

Shining Cranes-bill. Ray 1060, 25. 64 Geranium alterum mont. faxatile roundifolium Col. Names. 137. Fig. c. 41. Geranium annuum rorunditalium mont. faxatile lucidum H. Ox. 512. 6. S. 5. Tab. 15. Geranium lucidum Chabr. 488. Ic. 5. I. B. 3. 1. 30. p. 481. Fig. C B. H 2 Phyt.

### ( 52 )

Phys. 637. 10. defer. Geranium Incidum faxatile C B. 318; 15. Park. 707. Fig. 9. Geranium faxatile Cam. Hort. 66. faxat. ugroscopelon Thal. 44. Fig. 5.

Camerarius, Columna, and Thalius first discovered this Abroad, and Mr. John Goodyer, as Parkinson testifies, found it first in England, where it grows on shady Walls and old Ruins, &c.

Knotty Cranes bill. Ray 1060. 29.

Geranium 5, nodofum Plateau Člus. 110. Fig. 5. & 6. Ejusd. ex fent. C B. Geranium nodosum CB. 318. 12. Park. 704. Fig. 2. Geranium magnum tolio trifido I. B. 3. 1. 30. p. 478. Fig. Geranium magnum fol. trifido fl. purpurafcente Chabr. 487. Ic. 6.

Mr. Ray observ'd this in the Hedges in Dauphiny. Mr Archergen brought this to Mr. Jacob Bobart, affuring him he found it wild on the Mountains in Cumberland.

Rose Cranes-bill. Ray 1061. 32.

Geranium 7, aimatodes Clus. 102. Fig. hæmatodes Par. parad. 229. 8. Fig: 227. 6. Geranium Gruinum five Gruinale hæmatodes supinum rad. reptrice Lob. 660. Ic. 24. Geranium sanguinarium Ger. 799. Fig. 2. Jonst. 945. Ic. 2. Tab. Vol. 2. p. 449. Fig. Icon. 774 Fig. 1. Geranium sanguineum maximo flore C. B. 318. 4. Phyt. 637. 7. H. Ox. 514. 17. Geranium sanguineum sive bæmat. crassa radice I. B. 3. I. 30. p. 478. Fig. fl. purp. Chabr. 488. Ic. 1. Sanguinaria radix & Geranium 3. Tragi 348.

Its cut Leaves and spacious large red Flowers diffinguish it from other forts. It is frequent in the North on high Heaths and hilly Woods, flowering in July and August. Dale's deep cut Rose Cranes bill.

Geranium hæmatodes folijs majoribus pallidioribus & altiùs incifis Ray Synops, edit. 2. p. 219. pl. 7.

Its Leaves are larger, paler, and more deeply cut than the common. Mr. Dale found this on the Banks of the Devils Ditch towards Reche.

Names.

Place.

65 Names.

Character.

66 Names,

Character.

Place. 67 Names.

Place.

Rose Cranes-bill, with a pale veined Flower. 68 Geranium Hæmatodes Lancastrense, flore eleganter stri. Names. ato Ray 1061. & Syn. 156. 12. edit. 2. p. 218, 8.

This is a lower Plant, and finaller than the Common; its Flowers are of a pale blufh with deeper coloured Veins, as in the freak'd Roman Cranes-bill. We are beholden Charalter. to Mr. Tho. Lawfon for the first Discovery of this pretty Plant, who found it on the fandy Shores of Walney Isle Place. in Lancashire.

Dusky Cranes-bill. Ray 1062. 35. 69 Geranium Batrachoides pullo flore Jonft. 942. Ic. 3. Names. Batrachoid. hirfutum fl. atrorubente C B. 318. 2. Phyt. 636. 5. Geranium pheum feu pullo flore Cluf. 99. F. Pann. 416. Ic. Chabr. 487. Ic. 5. I. B. 31. 30 p. 477. Fig. Geranium pullo flore Park. 704. Fig. 3.

Its blackisch Flower distinguisches it from all others. It Character, grows on the Stirian Mountains and Flowers there in June.

Dusky Cranesbill with reflex'd Howers. Ray 1063. 36.

Geranium 13 Tabern. 151. Fig. 13. Geranium maculatum Ejufd. Icon. 616. I. Geranium maculatum five fuscum Ger. 799. Fig. 1. Ionst. 945. Ic. 1. Geranium montanum fuscum C B. 318. 8. Phyt. 637. 9. Geranium pheum five fuscum, petalis reflexis H. Ox. 515. 18. Ger. pheum fl. reflexo I. B. 3. I. 30. p. 477. F. Chabr. 487. Ic. 4.

Mr. Ray found this on the top of Mount Jora near Thuiri, who fays its more hairy than the last, and is Place. rather Purple then dusky; it differs also in having its Petals or Flower leaves turn Back.

Roman veined Cranesbill, Ray 1063. 37. 78 Geranium Romanum verficolor five firiatum Park. pa- Names. 1ad. 227. 7. & 229. 6. Fig. opt. H. Oxon. 516. 24.

Its pale Flesh-coloured Flowers, with fine streakt Veins, distinguish it from all others. This pretty Plant has been an Ornament in many old Gardens ever since Parkinfon's time, viz. about the Year 1620.

Brindis.

~7,2 Names.

73 Names.

N.B.

Brindis Cranesbill. Ray 3. p. 512. 17. Geranium supinum Botrys folio, acu sursum spectante Bocc. Maf. Plant. 145. Tab. 109.

The Leaves are hard, curl'd and jagged like the Oak of Fernfalem; it spreads on the Ground into divers Branches, a foot about ; the Bill grows upright, and is half a Span in length. Signior Boccon found this in a Meadow two Miles from the City Brindis in the Kingdom of Naples.

Round, Mountain Valerian of Lyons. Ray 3. p. 242. 5.

Valeriana maxima Cacalia folio D. Fagon Schol. Botan. 153. Pluk. Tab. 232. Fig. 1. Nard de Montagne de Leon. Hift. Lugd. Gallice Tom. 1. p. 805. Fig.

This rare Plant was first Figured and Defcrihed in the French Edition of the Hist. Lugdunensis, but omitted in the Latine. It grows on the Mountain Veduxo called Sierras albas or Puerto de Veduxo, facing the North, where it Flowers in May and June. Dr. Plukenet first Observed it in Mr. Charles du Bois his very Curious Garden at Mitcham, and has Figured the upper part of the Plant only, with auriculate Leaves, which the Hift. Lugd. has erroneoully made whole; which only are fo at the Root, round and ferrated like the Cacalia, but those on the Stalk are auriculated, as I have fince observed it in the Physick Garden at Chelsey, when in Flower and Seed.

Bladder Nut. Ray 1681. cap. 12.

Staphylodendron Chabr. 18. Ic. 6. I. B. l. 3. p. 274. Fig. Tabern. 1022. Ic. 2. Hift. Vol. 2. p. 724. fig. Staphylo. dendron sylv. & vulgare H. Leyd. 582. Nux Vesicaria Ger. 1294. Fig. Jonft. 1437. Fig. Park. 1418. Fig. Piftacia sylvestris C B. 401. 2.

This Tree grows in Italy, Germany, Switzerland, and in some few Places in England. It Flowers in May, and the Fruit is ripe in September.

Chrifts-thorn. Ray 1708. cap. 8.

Paliurus Dod. 756. Fig. Chabr. 51. Ic. 2. Ger. 1153. Fig.

74 Names.

75 Names

Fig. Jonft. 1326. Fig. Paliurns five Rhamnus 3 Diofcoridis Park. 1006. Fig. Rhamnus five Paliurus folio Jujubino I B. I. I. 6. p. 35. Rhammus folio subrotundo, fructu comprefio C B. 477. 5.

The Flowers are stellated, small, of a greenish yellow, growing in Clufters amongst the Leaves, which are ferrated like the Juinbe. Its Fruit is hard and fomewhat Bellfashioned, including 3 Kernels, which rattle in the Cells when ripe. It grows in the Hedges and Fields about Montpelier, and feveral Parts of Italy, where it Flowers in May and June, and bears ripe Fruit in the Autumn, which hangs on the Trees all Winter. Petrus Bellonius, who travell'd over the Holyland, fays it was with this Thorn they crowned our Saviour, and gives this Reason for it; That in Judea there was not any Thorn fo fit, pliant and prickley as this, and that in those parts it grew in fo great abundance, that they burn it for Fewel, as we do our Go/s or Furse.

Common Spindle Tree. Ray 1621. 1. Enonymus Dod. 783 Fig. Tabern. 1047. Ic. 1: Hift. 2. Names. p. 754. Fig. Euonymus Theophrasti Ger. 1284. Fig. 1. Johnst. 1468. Fig. 1. Euonymus vulgaris Park. 241. Fig. 1. vulg. granis rubentibus C B. 428. 1. Euonymus 2 Clus. 57. Fig. Pann. 95. Fig. Enonymus multis, alijs Tetragonia Chabr. 62. Ic. 6. I. B. 1. 1. 8. p. 201. Fig.

This makes a pretty Shew in Hedges, effectially in the Autumn and towards Winter, when its red Husks open, and expose its Orange Kernels.

Broad, purple flowred Spindle Tree. Euonymus latifolius, fl. purpureo Nobis.

This rare Tree feems to differ from both the Hunga- Names. rian forts of Clufus, the broad leaved, like this, having white or flesh Coloured Flowers, and the Leaves of the Purple flowred refemble our Common. I faw this in Flower with great Pleafure in the Bifhop of Londons Garden at Fulham. French

765

77

7**8** Nomes, French Tamarisk. Ray 1704. 1.

Tamariscus Narbonensis Ge. 1194. Fig. 1. Jonst. 1378. 1. Tamariscus folio tenuiore Park. 1479. 3. Fig. Tamarix Narbonensis Tabern. 945. Ic. 1. Hist. Vol. 2. p. 647. Fig. Tamarix major sive Arborea Narbonensis I B. 1.1. 10. p. 350. Fig. Tamarix altera fol. tenuiore sive Gallica C B. 485. 2. Myrica 1. Cluss. 40. Fig. Hist. 105. Myrica sive Tamarix Chab. 75. Ic. 1.

It bears Tufts of very small pentapetalose blush Flowers, which when ripe, turn white. It grows plentifully on the Sea Coafts near Montpelier. The famous Dr Grindall, Archbischop of Canterbury, was the first that caused this Tree to be brought into England, he being relieved of a great Oppression and hardness of the Spleen, by the use of it.

German Tamarisk. Ray 1705. 2.

Tamariscus Germanica Ger. 1194. Fig. 2. Tamariscus folio latiore Park. 1479. Fig. Tamarix Tabern 2. p. 646. Fig. Myrica id. 944. Ic. 2. Tamarix Germanica five minor fruticosa I, B. 1. 1. 10: p. 351. Fig. Chabr. 75. Ic. 2. Tamarix fruticosa folio crassiore Germanica CB. 485. 1: Myrica sylv. altera Clus. 40 Fig. Pann. 27. Fig.

This differs from the French in having thicker greyish Leaves and spiked Flowers, which turn into a white Down. It Howers in May, June, &c. in Rocky wet Places, and River sides. Mr Ray observed it about Ausburgh, Geneva, Landau, &c.

Nettle-tree. Ray 1483. c. 9.

Lotus arbor Ger. 1308. fig. Jonft. 1522. fig. Park. 1522. fig. Lob. 2. p. 186. Ic. Belg. 2. p. 218. fig. Obf. 605. fig. Lotus arbor fructu Cerafi Chabr. 16. Ic. 3. I. B. 1. l. 2. p. 229. fig. Lotus fructu Cerafi CB. 447. 1. Celtis fructu nigricante El. Bot. 485. I. R. H. 612.

Its Leaves notcht like Elm, but longer pointed, with fmall framineous Flowers and a blackifh Berry, with a furrowed Stone, diftingush it from other Trees. It grows in the Hedges about Rome and Mompelier.

SECT,

Places

79 Names

Place.

**8**0 Nam**e**i.

## ( 57 )

### SECT. II. Oriental, African, and Weft INDIAN Plants.

Canada Afarabacca. Ray Hift. Plant. 208. 2. 81 Sarum Canadense Cornuti 25 c. xi. Fig. Afarum A-Names. mericanum Park. 226. Fig. Marum Americanum majus Virid. var. 94. Vallot H. Reg. Paris. 25.

This is larger in all its Parts than the Common. its Leaves fomewhat pointed and Velvetey. It flourisfies very well in the Bissiop of Londons Garden at Fulbam, where I have seen it in Flower. Grows wild both in Place. Virginia and Canada.

Pellitory Pill-Nettle. Ray 161. 7. 82 Urtica Pilulifera altera, Parietariæ folijs Dodart. Mem. Names. 131Fig. Urtica Romana altera mitior, foliis minus ferratis, Lini femine Joncquet Hort. Reg. Paris 138. Urtica urens altera Pilulifera, Parietariæ folijs Vallot 187.

This differs from the Roman Nettle, in having leffer Characters Leaves, and those rarely ferrated. Many Gardiners call this Plant Spanish Marjoram, inducing unwary People to fting their Nofes by fmelling to it.

Great Canada Nettle. Ray 1854. 8. 83 Urticaracemola Canadensis maxima Dodart Merr. 120. Names. Fig. Urtica iners maxima Canad. Joneq. 138. Urtica max. racemola Canadensis Vallot. 187.

The Leaves of this ftand on longer Footstalks, are of a Characters deeper green, and not pungent as the Common Nettle.

Great Canada Bur-Nettle. Ray 165. 2. 84. Xanthium majus Canadense H. Leyd. 653. Lappa firu-Names. maria seu Xanthium Virginianum folio & tructu grandiori Almag. Botan. 205. Xanthium Canadense minori congener, sed procerius Val. 110.

This

85 Names**.**  Egyptian Groundfell with Fetherfew Leaves. Senecio Egyptiacus, fol. Matricaria Boerhave Ind. Plant. H. Levd. 40. 2.

Common, its Burs also bigger. I have observed this in

the Billoop of London's Garden at Fulbam.

The Leaves are large and smooth, but the Howers finall, which appear from *July* till Autumn. We are oblig'd to Dr Beenhave, Botanick Proteffor at Leyden, for the Seed and first discovery of this Plant.

Athenian Groundfell. Ray 3. p. 183, pl. 3.

S'necio Attieus vulgari similis, flore petaits fore inconspicuis radiato Pluknet. Almagest. Botan. 242.

These Leaves are very hoary, like our fiveet Groundsell, but larger and more clammy; the Flowers also are scarce

radiated. The Reverend Sir George Wheeler first observ'd this Plant about Athens, and communicated Seed of it to our Gardens.

Cockle-Flowred Oriental Scabious.

Scabiosa Orientalis Pseudo-melanthij flore.

The Peculiarity of this Plant lies in the Flower, whole Rim is composed of broad, flat, red Petals refembling the Cockle, with much lefs, narrower and pipey Leaves in the middle. It Howers from May till towards Autumn.

White Oriental Scabious with differing Leaves:

Scabiosa Orientalis folijs biformibus, fl. albo Nobis. argentea minor Wheeler 239. 2. Scabiosa Orient. argentea tolijs inferioribus incisis T. Coral. 34.

The Leaves next the Root are whitish and jagged like the small Field Scabiose, those towards the top very narrow, mostly whole and pale; the Flowers white with broad Rims, like the Cockle flowred, but smaller and trifid; its Heads composed of long stiff Hairs resembling those of Avens. This elegant Plant was first discover'd by Sir George Wheeler on Mount Sipylus. My very worthy Friend Mr Jacob Bobart at Oxford, sent me the first Speci-

CharaEter.

Names.

Character.

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Difeoverys

87

Names.

88 Names.

Difeovery.

Specimen of this, fince which I have observed it with Mr Thomas Fairchild at Hoxton, and in Chelfey Garden, flourifting in July, August, &c.

89 Yellow hoary Cape Camomil. Ray 356.9. Chamæmelum Æthiopicum lanuginosum Breyn. Cent. Names. 72. Fig. Cotula Africana capite eleganti cafio I. R. H. 494.

Its Leaves are very fine refembling Dogs Chamomil, the Charaster. Flowers yellow, with a small shore Rim standing in a pretty glaucous Funnel-like Calix. I first observed this Place. in the Phylick Gardens at Leyden and Amsterdam, and fince at Chelfey, Flowring in July and August.

Dwart Oriental Fennel-Tanfy.

ço

Coma Orientalis pumila Nobis. Chamamelum marinum Names. Aliaticum nuclum humifulum, folio craffo Boerhave Ind. Plant. H. Leyd. 26.8.

This chiefly differs from the Valentia Fennel-Tanfy in Character. being much lefs.

**91** Egyptian Maudlin. Ray. 369. 11. Names. Ageratum Mgyptiacum, folijs incanis varie incifis Nobis. Abrotano famina 2 Specie Zanon. 9. c. 3. Fig. 3. Abfinthium Capili Veneris folio C B. phyt. 236. 12. Abfinthium Santonicum Egyptiacum C B. 139.3. Park. 103 Fig. 5. Somen fan Sum, aliud peregrinum five Algyptiacum Abfinthium Lob. 756. Ic. 2. Belg. 923. Fig 2. Obf. 437. Fig. 2.

I fult received this elegant Plant from that curious Flace: Botanist Monf. Sebastian Vaillant at Paris, and her Grace the Dutchefs Downger of Beaufort hath fince fent it me from Badmington : 1 faw it the last Summer in Flower with her at Chelfey, as also in our Phylick Garden.

Heary Milfoil Maudlin.

92

Ageratum Orient. tolio Millefolij tomentofo Nobis. Names. an Millefolium Tomentofiffimum Boerhave p. 38.8.

The lower Leaves are heary, very long and finely cut, Defeription. not much unlike a Herring Bone, its Flower tuft, before they open; are very close, broad and white, but when Sall

fuli blown, of a bright yellow, like the hoary Tarrow of that Colour, but without Rims. It flowers in Ckelfey Garden from July till September.

Dioscorides his Gingidium. Ray 416. 3.

Gingidium Dioscoridis Rawolphij 287. Fig. Lugd. app. 34. Gingidium Syriacum Camer. Hort. Fig. 16. Gingidium folio Faniculi C B. 151. 1. Phyt. 263. 1. Gingidium verum f. Syriacum Park. 890.1 Anetho fimilis planta fem. lato laciniato I. B. 3. 1. 27. p. 7. c. 6. Fig. Anetho fimilis planta; Gingidium verum Dioscor. Chabr. 382. Ic. 4.

Leonard Ramolph was the first, fince Dioscorides, who discovered this elegant Plant on the Precipices of the famous Mount Libanon. We are much obliged to that Curious Botanist Dr William Sherrard Conful of Smyrna for this Plant, which I first faw in Flower and Seed with Mr Thomas Fairchild Gardener at Hoxton, and fince with Mr. Charles du Bois at Mitcham.

Names.

94

-93 Names.

Difeovery.

Yellow Clammy Oriental Tournfole.

Heliotropium Orient. procumbens viscosum fl. luteo Nobis. Buglossum Orient. fl. luteo T. Cor. 6.

The Root-Leaves are long, broad, and very clammy, Defeription: as are its Branches, which spread on the Ground and end in reflex Spikes of yellow Flowers. We are oblig'd to Dr Sherrard for Seeds of this Plant, which flowers in Chelfey Garden the greatest part of the Summer.

Brasil broad Borrage-Tournsole. Ray 502. 5.

Heliotropium Americ. cæruleum folijs Hormini Dodart. 83. Fig. latifolium H. Leyd. 307. Jacua acanga. Pif. 229. Ic. Fedogofo Lufit. Jacua acanga Brafil. Scorpioidis Species Marcgr. p. 7. Ic.

This elegant Plant grows about a Yard high, with large opposite Clary like Leaves; at the end of the Branches rife long flender Spikes of small blueish Flowers, which turn backwards like our Common Scorpion Grass. Barbadoes Spikenard.

96 Names.

Citrago Barbadensis folio Melisse majore.

95 Names.

Is

Its middle Stalks grow near a hand high, are four Defcription. Square, with large opposite Balm Leaves of a pale green, more lacerated or torn then ferrated, standing on long flender Footstalks. Its Flowers come from the Bosom of the Leaves, especially at the bottom, they are small and Mossey like those of Nettles. This curious Plant flowred the last Summer in Chelfey Garden, which is the only Place where I have as yet feen it.

Cape Hour Mallow. Ray 1067. 8. 97 Alcea Vesicaria Capitis Bone Spei H.Ox. 533. 12. Alcea Names. Vesicaria Æthiopica Munting. Phytograph. Curiosa Tab. 72. Fig.

This differs from the Common, in having a firm up-Difference: right Stalk; its Leaves rounder, broader and fmoother; the Flowers finer, larger and a blacker bottom; the Seed Munting has given a very accurate Figure of this lefs. Plant.

Round leaved Virginia Crowfoot.

98 Ranunculus auricomus Virginianus Jac. Bobart. Ranun. Names. lus Virginianus parvo flore, molliori folio Herm. H. Leyd. 514.

Its lower Leaves are round, limber and ferrated like our Alliaria, or Samce alone, the Flowers scarce discerni-Place. ble, and Seed heads very small. Dr Herman owns to have received this from Mr Jacob Bourt : I first faw it in the Leyden Garden with Dr Boerbave, who hath fince fent it to Chelley.

Piked Strawbery-Trefoil.

99 Names.

Trifolium Orientale, capitulo vesicario rigido. The Leaves are oval, fmooth, and lightly crenated; its

Heads round, with stiff long Points, standing out of ftreaked, whitish, bladder-like Husks. I observed this elegant Plant in Chelfey Garden.

Round flusey Haresfoot.

ICO

Trifolium Lagopoides procumbens, capitulis rotundis Manies. G. Stonestreet. an Trifelium Orientale, capite lanuginofo T. Coral. The

Defcription. The Leaves are fmall, oval, plain and fomewhat heary; the leffer Branches, which adhere to the greater Stalks, are bearded; its blufh Flowers ftand in a round flutey Head, like our Haresfoot, but not fo foft. The Reverend Mr William Stoneftreet, that Iagacious Naturalift, gave me a Specimen of this, which he had raifed in Mr Fairchild's Garden at Howton from Seed he received from

Dr William Sherrard Conful at Smyrna.

Four leaved Earth-Nut. Muf. Petiver. 33. Ray919.3. Arachydna India utriusque tetraphylla Par. Bat. pr. 314. Arachus upogaios congener hirsuta è Maderaspatan, flore flavo, filiquis punctatis scabris, solliculos sub terram condens. Pluk. Tab. 60. Fig. 2. Alm. Botan. 341. pl. ult. Mundubi Marcgr. 37. Fig. Pis 256. Fig.

It bears four Leaves on a two Inch hairy Footstalk, Defeription. With two long welted Beards at setting on. The Peculiarity of this strange Plant is to ripen its Pods under Ground; the Pease are much eaten both in Guiney and the American Isles; it grows also in the East Indies. It was raised the last Summer in Chelfey Garden.

China Pink.

Names. Caryophyllus Sinenfis, flore pulcherrimo Boerhaus 88. 23.

Defcription: This elegant Plant has fingle Flowers with a large dark Eye or Ring towards the bottom; its Leaves not unlike the other Pinks. I faw it in Flower the last Summer with Mr Fairchild at Hoxton.

Cape Tree-Cranesbill with roundifh circled Leaves.

Geranium African.a rborescens, Alchimilla hirsuto solio, floribus rubicundis Comel. prælud. 1.p.51. Fig. Ray App.3. 229. 1.

Defeription. Stem, which divides into fo many Branches; its Leaves foft and roundifh, with a dark Circle in the midft; these is lightly rubb'd, smell very pleasantly like Codlings and Cream; it bears Tusts of blush Flowers, with equal Petals,

103 Names.

101 Names,

Petals, the two uppermost only streakt with red. This is cultivated in most of the curious Gardens about London, viz. with the Dutchefs of Beaufort, Biflop of London, Dr Uvedal, Mr du Bois, Oc. It flowers most Place. part of the Summer, cipecially from Midjummer till Autumn. 104

Boerbave's Cape Cranes bill, with finall roundifh Names. circled Leaves.

Geranium African. folio Alchimille piloso, maculato Boerhave Ind. Plant. Leyd. 112. pl. 52.

This is a low Plant, with dark Circles and roundith Character. Leaves like the laft, but more indented, yet not fo deep and hairy as the Ladies-Mantle Crancs-bill of Dr. Herman ; its Howers are also smaller than that and all white. the Petals whole, and of one fize. I observed this in Chelfey Garden, flowering in August.

Cape Cranes-bill with round and angular, thick, fower Leaves.

Names. Geranium African. Hedere arboree folio, floribus purpureis Ray 3. p. 514. pl. 38. Geranium Africanum, fol'js inferioribus Afari, superioribus Staphydisagrie, maculatis & splendentibus, Acetofa sapore Comel. prelud. 1. p. 52. fig. Ray 3. App. 228. 2.

This is a fpreading low Plant, with thining, thick, Charaster. juicey, tart, round umbrella Leaves; those towards the Flowers are angular and pointed : Its Taffel-Flowers are large, of a bloch colour; the Petals all of the fame fize, and the two uppermost streak'd with red. It flourishes most part of the Year at Chelfey, Fulbam, Enfield, &c. It grows wild in the Districts of Heycoon at the Cape of Good Hope.

Yellow African Bean-Caper. 106 Fabigo Africana arborefcens, flore Sulphureo, fructu Nomes, rotundo Comel. Pl. rar. 10. Fig.

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Names.

Place.

107 Names.

Character.

Its Leaves are small, thick, green, and 4 together, viz. two on each fide the Stalk, with as many little Spines at fetting on; from these come 5 leaved yellow Flowers, with a round flatish Husk, which splits into 5 Cells, containing to many Seed. I have with great pleafure feen this rare Shrub between 2 and 3 yards high, and in Flower, with her Grace the Dutcheis Dow ger of Beaufort, now at Chelsea.

Virginia Spindle-tree with rough Fruit.

Euonymus Virginianus Pyracanthæ folijs, capfulà verrucarum instar asperata rubente Pluk. Tab. 115. Fig. 1. Alm. Botan. 139. pl. 8.

The Leaves are small, stiff, and serrated, not unlike the Sloe. I have feen this with ripe Fruit at the Bilhop of London's at Fulham, under the Care of Mr. Millward, my Lord's Gardner, where it now grows larger than a Currant Bufh.

Steerbecks Cape Spindlekin.

Euonymo adfinis Æthiopica semper virens, fructu globoso scabro, folijs Salicis rigidis serratis Herm. H. Leyd. 139. Pluk. Tab. 176: Fig. 3. Alm. Botan. 129. pl. 11. Laurus non odorata, fructu globolo, Africana Steerb. Citricult. 248. Lauro serratæ odoratæ Stapelianæ similis inodora Capitis Bonæ Spci Breyn. Prodr. 1. p. 42.

This Tree bears Tufts of small five-leaved pale Charaster. greenish Flowers, coming from the Bosom of its Leaves, which are stiff, long and serrated. I faw a specious Tree of this in the Queens Stows at Hampton Court. under the Care of Mr Wife, Her Majesty's Gardiner, Flowring in July, Ove.

108

Names

Place.

VI. Obser-