

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.

S E C T. I. English and European Plants.

Narrow curl'd Hartstongue, Ray Hist. Plant. p. 134. I

Phyllitis crispa Chabr. 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 1. L. Cervina minor sessilis, folio circum voluto Jonquet Hort. Reg. Paris. 75. L. Cervina angustifolia lucida, fol. 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 sides, the edges lightly curl'd, and as it were serrated; they are above a Span long, and not an Inch broad. This elegant Fern has been long an Inhabitant in our European Gardens: That accurate Botanist, John Bauhin, says he first saw it in the Garden of his old Friend Mr. John Heitzman, Apothecary at Basil, A. D. 1608. since 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 1. Cervina maxima, undulato folio & auriculato per basin Morini Jonq. H. R. Par. 75. Names.
Pluk. 248. Fig. 1. Phyllitis undulata Muntingij Phyt. Tab. 81. Fig. p. 286. c. 13. 3.

F

Its



Description. Its *Leaves* are of a pale yellowish Green, above 2 Inches broad, and a Span long; crumpled on the edg.s, but not so much as Doctor Plukenet figures it, neither is it notcht on the edges, and in those respects Munting's Figure is truer. Mr. Bobart's also very well expresses it, which I suppose they both took from the living Plants. It's auriculated at the base, and as it were perforated by lapping over the Stalks, in both which it differs from the *Narrow Curl'd leaved*. The Honourable Capt. Charles Hartton, my worthy and learned Friend, some Years since 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 he had raised them all from the Seed of the *Common Hartstongue*.

N. B.

Trifid, Curl'd Hartstongue.

Names. 3

Lingua Cervina minor crispa, uno pediculo trifolia Val. H. R. Paris 108. *Cervina minor crispa*, folio multifido ramosa, Pluk. Tab. 248. Fig. 2.

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

Manna Grass, or Edible Cocksfoot. Riv 1272. 6.

Names. 4

Gramen Manne vulgo, Boerhaeve Indice Plant Hort. Lugd. Bat. p. 230. 24. Gr. *Manna esculentum* Lob. pt. 2. p. 24. Ic. 2. Obs. 13. Fig. 2. Belg. 25. Fig. Adv. 4. Gr. *Dactylon esculentum* C. B. 8. pl. 8. Phyt 20. 91. Theatr. 118. 12. Fig. *Graminis genus Dens Caninus* 3. Gr. *Manna Chabri*. 179. Ic. 5. *Ischemon sativum* sive Gr. *Manna esculentum* Park. 1178 Fig. 3.

Etymology.

This is generally call'd *Gramen Manne*, to which some add *esculentum*, because its eaten amongst the Germans; it can fly differs from our English broad-leaved *Cocksfoot* in its Culture. The *Italians* call both th se *Capriola*, *Sanguinaria*, and *Sanguinella* (because the Boys there put the tops up their Nostrils to make them Bleed) The *Germans* call it *Schwaden*. Mr. Ray in his *History* p. 1272. pl. 6

N. B.

pl. 6. joyns this with our English broad-leav'd Cocksfoot,
viz the wild and manured together. Its sown as Corn in Place.
many Places of Germany, and used by them in Pottage
and Meat, as we do Oatmeal. Gesner says its eat in Sal-
lets. It grew very plentifully in Chelsea Physick Garden
from Seed, which Dr. Ludovicus Stockius, a curious Bo-
tanist, sent me.

Single spik'd Havergrass.

Festuca spicâ simplici aristatâ.

The lower part of the Spike is more obviously divided
into 3 or 4 loose alternate Locustæ, each ending in a long
arista or beard. 5

Afarabacca. Ray 207. 1.

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

Grows wild in Provence, Savoy, Switzerland, &c. in place.
shady Woods, Flowering in the Spring. Its nur'sd in
many Gardens for its use in Physick.

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

Herniaria hirsuta folijs & ramulis densè stipatis, fruti-⁷ Names.
cosa, viticulis lignosis, foliolis oblongi sculis brevis den.
fissima C.B. 281. xi. *Var.*

This seems to differ from the common hairy Rupture-Character.
wort, in having more twiggy Branches, with Leaves and
Flowers thicker set. *Chelsea* Garden is obliged to Mr.
Jacob Bobart for this Plant, who was so kind as to send
me Specimens of it some Years since.

Roman or Pill-Nettle, *Rays English Herbal Tab.* 1. F. xi. 8

Urtica Romana Ger. 570. Fig. 1. *Zonst.* 706. Fig. 1. *Park.* Names.
440. Fig. 1. *Romana* sive *Mos*, cum globulis I.B. 3. l. 4.
p. 445. Fig. *Chabr.* 478. Ic. 4. *urens Pilulas ferens* I. *Diosc.*
C.B. *Phpt.* 440. 4. *sem. 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.

Names. 9

Common Bur-Nettle: Ray's Engl. Herbal Tab. 1. Fig. 12.*Lappa minor, Xanthium* Diosc. C B. 198. 6. Phyt. 373. 6.*Lappa Strumaria,* fol. angulosis dispermis, echinis bicornibus sursum rigentibus ad foliorum alas confertis Alm. Bot. 205. *Lappa minor* Tab. 773. Ic. 2. Hist. V. 2. p. 448. Fig.

Place.

Found wild in divers Parts of *England*, but not common.

Names. 10

Portugal Tho ney Bur-Nettle. Mus. Petiver 100.*Lappa minor* polyacanthos seu *Xanthium Lusit.* validissimis 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.* 438.

Character.

These Leaves are much more jagged and deeper cut than 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 *Paradyfus Batavus*, p. 246. as also in Dr. Magnol's *Cat. Horti Regij Monspeliensis*. Dr. Tournfort first discovered this in *Portugal*, and Mr. Jeze-reel Jones has since gather'd it about *Lisbon*. This elegant Plant I have only seen in the Bishop of London's Garden at *Fulham*.

Place.

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

Names. 11

Auricula Muris Hispanica, alijs *Hieracium Pannonicum* fl. saturate croceo I B. V. 2. l. 24 p. 1040. Fig. *Hieracium Hortense* floribus atropurpurascenscentibus 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.

Character.

Time.

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

Columna's

Columna's long stalk'd Hawkweed. Ray 234. 15.

12

Hieracium montanum alterum leptomacrocaulon, Col. Names.
249. c. 9. 93. Fig. montanum hirsutum minus C B.

This is a tall smooth *Hawkweed*, branched into many small Flowers most part of the Summer.

Columna's Purple Hawkweed. Ray 231. 5.

Hieracium Apulum fl. suave rubente Col. 242. Fig. c. 90. Names.

13

Hieracium Intybaceum fl. carneo Park. 794. Fig. 3. Intyb.

x. Clus l. 5. p. 152. *Intyb.* fl. ex purpuro rubentibus
C B. 128. 3. *Dentis Leonis* folio, fl. suaverubente C B.
127. 7. ramosum Pone Ital.

Its beautiful Blush-coloured Flowers, which rarely *Character*.
happen in this Tribe (they being mostly yellow) distinguish it from others. It grows in *Italy*, where it Flowers in *April*, but in our Gardens later.

Rough Bushy Hawkweed.

Hieracium alperum ramosissimum.

14

This is a bushy Plant very much branched and matted, Description:
with small yellow Flowers, each standing on long naked Stalks, somewhat bearded and rough, not unlike the *Lang du Beauf*, but much less. I first gathered this in her Grace the Dutchesse Dowager of *Beaufort's Garden at Chelsea*, where it flower'd plentifully, as it hath since done in the *Physick Garden*.

Fine jagged Smooth Sow-thistle. Ray 224. 3.

15

Chondrilla lutea L. 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 sectas fl. luteo Pluk. Tab. 93. Fig. 3. *Sonchus levis* valde lacinatus Park. 805. 5. levis in plurimas & tenuissimas lacinias divisas C B. 124. 2 prodr. 61. 3.

Dr. *Plukner's* Figure very well represents this Plant, which he design'd from a living Specimen formerly gathered in *Chelsea Garden*, where it flowered freely the last Summer.

N.B.

16

Curl'd Nipplewort. *Lampsana foliis crispis.*

Its lower Leaves, being finely curl'd, distinguish it from the common.

Hawkweed-Mary-gold. Ray 256. c. 3.

17

Names.

Calendula procumbens Hieracij flore, capitulum inclinans semine adunco Herm. Leyd. 104. *Cichoreum semine adunco H. R. Blatt.* 361. *Hedypnois annua El. Bot.* 380. *Inst. Rei Herb.* 478. *Hieracium florem inclinans I. B. 2. l. 24. p. 1032 Fig. & H. fl. nutante Chabr.* 321. Ic. 6. *Hieracium capitulis inclinans semine adunco C. B.* 128. i. minus alterum capitulo inclinante C. B. *Phyt.* 212. 17 *Rhagadiolus Catalpini.* *Hieracium facie Hedypnoidis Park.* 795. Fig. 1. *Lob.* 239. Ic. 1. *Belg.* 288. Fig.

Character.

It resembles the *Marygold* in bearing yellow Flowers, with longish rough crooked solid Seed, but none flat. It grows wild about *Basil* and *Mompelier*, flowering in *March* and *April*.

18

Names.

Zacintha sive *Cichoreum verrucosum* C. B. in *Math.* 389. Fig. 9. *Chondrilla verrucaria* C. B. *Phyt.* 215. 8. *verr.* *folijs Cichorei viridibus* C. B. 130. 10. *Park.* 779. Fig. 8. *Cichoreum verrucosum* sive *Zacintha Hieracijs adnumerandum* I. B. 2. l. 24. p. 1013. Fig. *verr.* *Verrucaria Chabr.* 315. Ic. 2. *Marra di Cavaliero Italis.*

Vertues.

Calceolarius, a very curious Apothecary at *Verona*, who sent this to *Matthiolus*, asserts, 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 same. *Camerarius* says a certain 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 said to take its Name from *Zacintha*, now call'd *Zante*, an Isle in the *Jonian*

Place, &c.

Jonian Sea, where it was first discovered. Mr. Ray has observed it wild about *Leghorn* and *Florence*.

White Butterbur. Ray 261. 2.

Petasites minor C.B. 197. 2. Park. 419. flore candido ¹⁹ Names.
inodoro C.B. phyt. 370. 2. albus, angulosus folio I.B.
3. l. 31. p. 568. Fig. folio angulosus, rad. geniculata, caule
striato, fl. albo Chabr. 513. Ic. 4.

It differs from the common in being somewhat less; its *Character*.
Flowers are white, with angular serrated Leaves. Mr. Ray observed this Plant at the foot of the Hills between *Gavia* ^{Place.} and *Genoa*. It Flowers in *April*.

White-leaved Butterbur. Ray. 261. 3.

Petasites minor folio *Tussilaginis* Jonquet 98. H.R. B'ess. ²⁰ Names.
Pluk. Tab. 212. Fig. 7. minor alter *Tussilaginis* folio *Kal-*
lot 139.

The Leaves of this are very white underneath like *Coltsfoot*, but more pointed. I have observed both these ^{Character} in *Chelsea Garden*.

Dutch Crupine. Ray 331. c. 15:

Crupina Belgarum Nobis. *Centaurium Capitatum ciliare* ^{Names.}
annuum, foli laciniatis serratis H. Bles. 362. *Chondrilla*
Hispanica Jonst. 287. F. 4. *purpurascens* e fl. C.B. phyt. 215.
4. *foliis laciniatis serratis, purpurascente flore* C.B. 130. 3.
rara *purpurascente flore, semine nitido deciduo* Lob. 231.
Ic. 1. Obs. 116. Fig. rara *purpurea Crupina Belgarum dicta*
Park. 786. F. 4. *Cyanus pulchro semine Centaurij majoris*
I. B. 125. p. 24. Fig. *pulchro sem. 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 *Saw-wort*, and shining smooth velvety Seeds, which on shutting them in your hand, are apt to slip or creep out, for which reason the Dutch call it *Cruypen*. It grows in ^{Character,} *place.* *Italy, Spain, Narbone, and about Mompelier,*

Sicilian Milk-Thistle.

- ²²
Names. *Carduus Siculus Acanthoides*, venis albicantibus *Nobis humilis alatus* sive *Carduus Mariae annuus*, folio litoris obscuris notato *Cupani* Hort. Catholici.
- Character. This resembles our English Gray Thistle, having many small 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 discovery of this Thistle. It Flowers with us from June till August: I have as yet seen it only in Chelsea Garden.
- ²³
Names. *Echinopus Chabri.* 351. Ic. 3. major I. B. 3. l. 25. p. 69. F. *Carduus Spherocephalus* Dod. 722. Fig. Spher. latifolius vulg. C B. 380. 1. *Spherocephalus* seu *Globosus* major Park. 977 Ic. 2. *Scabiosa Cardui* folio *Spherocephala* elatior H. Leyd. 539.
- Place. Mr Ray observ'd this in the hilly Woods about Viterbo.
- ²⁴
Names. Great Centaurean Scabious. Ray 374. 1.
Scabiosa Alpina C B. phyt. 526. x. *Alp. maxima* Lob. 537. Ic. 2. Ad. 233. Fig. Belg. 638. Fig. *Alpina* folijs Centaurij majoris C B. 270. 1. *montana maxima* Park. 487. Fig. 1.
- Character. Its Flowers of a pale yellow, the Leaves like the great Centaury, and its largeness distinguish it from others.
- Place. Mr Ray observ'd this on the top of *Thuiri* on Mount Jura.
- ²⁵
Names. Teasell Scabious. Ray 378. 16. Var.
Scabiosa Virga Pastoris folio C B. 270. 6. Phyt. 527. 13. *latifolia peregrina* Tab. 160. Ic. 1. Hist. 547. Fig. 8.
- Character. The Flower of this is very like the common Scabious, both in Shape and Colour, but the Leaves whole and serrated like the Teasell. It Flowers in June.
- ²⁶
Names. Fine cut Sicilian Scabious. Ray 378. 13. Var.
Scabiosa maritima Rute Canina folio Bocc. Pl. rar. 74. & 95. Tab. 40. & 52..
- Its lower Branches lye on the Ground, with Leaves deeply cut like the *Scrophularia Rute Canina folio*, and still

still finer on the Stalks; its Flowers pale, and sometimes blush. Found on the sandy Shores about Gaeta. The Revd. Mr Stonestreet, a curious Naturalist, gave me a Specimen of this, which he raised from Seed.

Valentia Fennel Tansy.

27

Coma Valentina Cotulæ fol. Nobis. *Buphthalmum tenuifolio* Names. simile, *Chryanthus Valent.* *Clusij* I. B. 3. l. 26. p. 125. c. 19. Fig. *Chabr.* 364. Ic. 2. *Chrysanthemum Valentinum* *Clusij* 332. *Cotulæ fl. nudo* *El. Bot.* 396. 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.

28

Millefolium tomentosum luteum C B. 140. 7. I. B. 3. l. Names. 26. p. 138. Fig. *toment.* *lut.* *Monspessulanum & Narbonense* *Chabr.* 367. Ic. 1. *Millefol. luteum* *Lob.* 748. Ic. 1. Obs. 431. Ic. *Belg.* 912. Fig. *Park.* 694. Ic. 6. *Millefol. luteum tomentosum* C B. *phyt.* 240. 7. *Stratiotes Millefolia, flavo flore* *Clus.* 330. Fig.

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

Smallage Laser-wort.

29

Laserpitium Apij folio.

Names.

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

Small Candy Sheaperds Needle. Ray 428. 2.

30

Aniso-marathrum Col. 90. Fig. c. 24. *Clus. app. alt.* *Names.* *Pecten Venoris tenuissimé dissectis folijs,* *Anthriscus Causa bonæ* I. B. 3. l. 27. p. 73. Fig. *Chabr.* 392. Ic. 2. *Scandix Cretica minor* C B. 152. 4. *prodr.* 79. 2. *Cret. similis* C B:

G

phyt.

(42)

Phyt. 265. *Scandix Cretic.* similis *sen Anthriscus Park.*
916. Fig. 3.

Use.

Place.

Names. 31

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 taste and smell of *Aniseed*.

Garden Skirrets. Ray 442. 1.

Elaphoboscum *Dioscoridis* Col. *Phyt.* 89. Fig. opt. *Sifarum* *Lob.* 710. Ic. 1. Obs. 408. Fig. *Belg.* 866. *Sifarum Germanorum* C.B. 155. 1. multis *Chabr.* 401. Ic. 5. & 6. I.B. 3. l. 27. p. 153. Fig. *Siser vulgaris* *Park.* 945. F. 1.

Place.

These are cultivated in many Gardens, for the sake of their Roots.

32 Broad upright *Mountain Madder*. Ray 481. 2.

Names.

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

Character.

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

33 *Clivers with warty Seed.* Ray 485. 3.

Names.

Aparine *sem. Coriandri Saccharati* *Park.* *marg.* 567. 2. *fructu verrucoso* *Fong.* 14.

Character.

It differs from the common in being less, with warty Seed like *Coriander Comfits*, but they do not stick like Burrs as the rest. I have gathered this at the *Physick Garden* at *Amsterdam*, and also at *Chelsea*.

34 Purple jagged *Selfheal*. Ray 551. 2.

Names.

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

Place, &c.

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

White

White jagged Selfheal. Ray 551. 2.

Brunella fol. laciniato fl. albo H. R. Par. *Trunella* fl. Names. 35
albo parvo, fol. laciniato I. B. 3. l. 30. p. 429. Fig. fl. al-
bo parvo, folijs in medijs caulibus profunde dissectis Chabr.
474. Ic. 1. *Prun* 2 non vulg. albo flere Clus. l. 4. 43.

It differs from the last only in having a white Flower. Character.
Spanish tuberos Catmint. Ray 550. 6.

Cataria Hispanica supina *Etonica* folio tuberosa ra- 36
dice Et. Botan. 171. l. R. H. 202. *Mentasirum* tuberosa Names.
radice I. B. 3. l. 28. p. 227. Fig. Chabr. o. *Ment*: 2 tu-
berosa radic. Clus. Pan. 585. F. 2. Hist. 33. quoad deser.
sed 3 secund. Icon. *Mentha* tuberosa radice C B. 227. 7.
Phyt. 430. x.

Its Spikes of Flowers are thick set in striated hairy whorls. Character.

Cajidony or French Lavander. Ray 514. 1.

Stachys Tragi 70. Ic. sive *Stichas* Chabr. 424. Ic. 4. Lob. Names. 37
429. Ic. 2. Belg. 516. Obs. 234. *Arabica* vulgo dicta I. B.
3. l. 28. p. 277. Fig. brevioribus ligulis Clus. 344. pur-
purea 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. Hisp. 229. Fig. *Bæt.* & Creti- 38
cum Clus Chabr. 429. Ic. 3. I. B. 3. l. 28. p. 291. c. 68. F.
Teucrium fruticans *Bæticum* sive 3 Clus. 342. Fig. *peregrin-*
num folio sinuoso C B. 247. 4. *Phyt.* 471. 3.

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

Venice Hour Mallom. Ray 1067. 7.

Alcea Veneta Tragi 925. Fig. *Vesicaria* C B. 317. 7. Names. 39
phyt. 634. 8. Dod. 657. *Vesicaria Veneta* H. Ox. 533. xi.
S. v. Tab. 18. *peregrina* *soliflora* Lob. 656. Ic. 2. Belg.
203. Fig. Obs. 374. Fig. *per.* *soliflq.* *Veneta* *quibusdam*
dicta Chabr. 300. Ic. 5. *Ketmia Vesicaria* vulgaris E. B. 83.
I. R. H. 101. *Malva Horaria* vulg. Ray 1067. 7.

Character. This Mallow has its Name from the short 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 fades.

40
Names.

Prickley headed Candy Crowfoot. Ray 582. 2.
Ranunculus echinatus Cret. Park. 331. F. 6. Pon. Ital. 41.
Ranunculus stellatus echinatus Cret. C.B. 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.

41
Names.

White Pyrenean Plantain Crowfoot. Ray 558. 1.
Ranunculus montanus folio Plantaginis C.B. 180. 4.
mont. longifolius C.B. Phyt. 327. 30. *Plantaginis folio*
Park. 334. 3. Fig. 337. 3. *Pyrenaeus albo flore* Clus. app.
alt. Fig. *Pyren. fol. sublongis non laciniatis, albo flore*
Chabr. 466. Ic. 4. I. B. 3. p. 848.

Character.

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

42
Names.

Double White Mountain Crowfoot. Ray 589. 2. Var.
Ranunculus albus flore pleno Park. parad. 216. 4. mont.
albus fl. pleno Ejusd. 219. Fig. 9. *albus major alter* Gesn.
Hort. 295. *albus flore denso* I. B. 3. p. 844. folio Aco-
niti, fl. albo multipli C.B. 179. 6. hort. *albus multiplici*
flore C.B. Phyt. 330. 40. *niveus polyanthos* Lob. 667. Ic.
2. Belg. 814. Fig. Obs. 381. Fig.

Character.

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.

43
Names.

Dioscorides his Orpine. Ray 1016. 1.
Telephium Diocoridis Imperati 665. Fig. *legitimum*
Imper. 7. Clus. 67. repens folio non deciduo C.B. 287. 6.
Helianthes species raro, comâ inflexâ in *Heliotropio* Chabr.
101. Ic. 6. I. B. 2. I. 13. p. 20. Fig.

Place.

It grows in Narbone on steep Rocks and Precipices, flowering in June and July.

Pliny's

(45)

Pliny's Cucubale. Ray 682. 6.

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.
Alfine repens major Clus. l. vi. Fig. 183. *repens Clus.* Hisp.
414. Fig. *Alfine serpegiante Durant.* 19. Fig.

It grows in shady 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

Cymbalaria C.B. 306. *Phyt.* 615. *Italica Jonsi.* 530 F. C. 45
Cymbalaria Italica *Hederacea Park.* 682. Fig. *Ital.* *Hede-*
raceo folio Lob. 615. Ic. 1. Obs. 337. Fig. Belg. 333. Fig.
Cymbalaria flosculis purpurascensibus I. B. 3. l. 35. p. 685.
c. 7. Fig. *Cymb. vel Cymbalaris Capni genus alterum qui-*
bussdam Chabr. 538. Ic. 1. *Linaria Cymbalaria dicta. Ray*
759. 36: *Hederaceo folio glatio s. 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, &c.
It's said to be found wild upon Thatch'd Houses in the
North, and in *Lancashire* plentifully.

Sage Figwort. *Ray's English Herbal.* Tab. 35. Fig. xi. 45

Scrophularia Scorodoniae fol. H. Ox. 482. 5. Sect. v. T. 35. *Names.*
Scrophularia Melisæ folio. *El. Bot.* 136. I. R. H. 166.

Dr. *Sherard* observed this Plant by the Rivulet sides, *Place.*
betwixt the Port and *St. Hilary* in the Isle of *Jersey*, and
Mr *Edm. Lhwyd*, that Curious Naturalist, near the Sea
Shore about *St. Ives* in *Cornwal.*

Yellow Figwort. Ray 765. 6

Scrophularia flore luteo C.B. 236. 5. *Prodr.* 112. Fig. *Names.*
opt. *Phyt.* 447. 5. deser. *Park.* 611. 6. *Galeopsis 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. 2. S. v. T. 8. *an Lamium Pannonicum alteram sive*
excitum Clus. 38. Fig. *Pann.* 595. Fig.

Columnae

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

Name. 48 Red, Nettle Figwort. Ray 765. 5.
Serophularia folio Urtice C.B. 236. 4. flore rubro C.B.
Phyt. 446. 4. Camer. I. B. 3. l. 30. p. 422. c. 32. Fig. per-
egrina Cam. Hort. 157. Fig. Park. 611. 4. an Seropha-
tia Cretica 2 Clus. 210.

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

Name. 49 Portugal Elder Figwort.
Serophularia Sambuci fol. capsulis maximis H.Ox. 483. 6.
Serophularia fl. rubro, luteo, vario pulchro Virid. Lusit.
Fluk. Tab. 313. F. 6. Lusit. fl. luteo eleganti, folijs incisis
Schuyt. H. Leyd. 70. peregrina altera Park. 611. Fig. 5.
 Mr Parkinson had the Seed of this Plant out of Italy.

Small Rocket Figwort.

Name. 50 Scrophularia Resedæ folio Nobis. fl. variegato minor,
Ruta Canina dicta H. Ox. 483. 9.

Character. These Leaves are glaucous or bleuish, 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.

Name. 51 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. Hisp. 212. F. marina S. Trif. Coch-
leatum marinum Chebr. 165. Ic. 5. Cochleata polycarpos,
capsula spinosa minima perennis incana maritima H. Ox.
344. 15. lutea Gnaphalitea marina nostra è littore Veneto
Donati 63. Trifolium Cochleatum maritimum C.B. Phyt.
660. 24. Coch. mar. tomentosum C.B. pin. 329. 7. Trifo-
lium marinum Gesn. Hort. 285. Cochleatum marinum Ger.
1029. Ic. 2. Jonst. 1203 Fig. 3. Trif. Coch. mar. sive Me-
dica marina I. B. 2. l. 17. p. 383. c. 65. Fig.

That

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

Bobart's Smooth Tunns.

52

Medica turbinata glabra Jac. Bobart. an *Medica Coch-* *Names.*
teata major dicarpos, fructu capsulâ turbinatâ planâ H.
Ox. 153. 5. S. 2. Tab. 15. 5.

The Figure of the uppermost Cluster of *Parkinson's* 9
sorts of *Medica* p. 1116. very well resembles this Fruit,
but I have not as yet observed so many as he represents,
viz. 6 together. These Leaves are finely serrated; those Description,
about the Root are some roundish, others broad, and
towards the uppert part pointed; the Fruit has about
6 twirls wholly smooth, and flat at each end, often sin-
gle; sometimes 2 or 3 together, rarely more. I am
obliged to Mr *Jacob Bobart*, Botannick Professor of the
Phyick Garden at Oxon, for the first Specimens of this
elegant Plant, who hath since sent its Seed to *Chelsea*,
where it now grows.

Camerarius his Moon Clover. Ray 922. 5.

Auricula Muris Camerarij Hort. 24. Tab. 8. l. B. 2. l. *Names.*
17. p. 387. Fig. Chabr. 167. Ic. 3. H. Ox. 181. 4: *Anthyllis*
leguminosa marina Bærica vel Cretica S. *Auricula Muris*
Camerarij Park. 1093. Fig. 2. *Loto affinis siliquis hirsutis*
circinatus C.B. 233. 4. *Medicago Vulneraria facie Hispanica* El. Bot. 328. I.R.H. 412. *Trifolia siliqua falcata similiis* C.B. Phyt. 661. 29.

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

Yellowish Meadow Trefoil. Ray 943 8.

Trifolium pratense hirsutum majus, flore albo sulphureo *54*
etu ocreoleuco. Ray 9438. *Synops. 134. 3. edit. 193. 3.*
Trifolium Lagopoides annuum hirsutum pallide luteum
etu ocreoleucum H. Oxon. 141. 12. Sect. 2. Tab. 12.

Character.

The peculiarity of this *Clover* is in having yellowish Flowers, especially when they first appear. Its Leaves plain, hairy, small; and round below, but above more pointed, standing on long hairy Stalks. It Flowers in June in Thickets and dry Pastures. Mr Ray first observ'd this about Geneva, and has since been found in England. Teasell headed Trefoil. Ray 945. xi. Pluk. Tab III. F. 4.

Time and Place.

55 *Trifolium stellatum glabrum Jonst.* 1208. 6. *Trifolium capitulis Diploci quorundam.* Ray 945. xi.

Names.

Difinition. Its Leaves stand on long Stalks, are not serrated, but soft and roundish; the Flowers flesh coloured, not large, each guarded with 2 pointed small green Leaves; these turn into 5 Star-pointed Burry heads like *Eryngio* or *Teasell*, but much smaller. Mr Johnson first discovered this the 10th of June 1633. in Dartford Salt Marsh. I have also gathered it about Tilbury Fort against Gravesend. Mr Ray observed it about Messina in Sicily, and Dr. Balam at Tangier.

Place.

56 *Names.*

Small knotted Trefoil, with large Seeds. Ray 945. 14.

Trifolium nodiflorum, glomerulis mollioribus & rotundioribus sem. magno Ray Cat. Angl. Tr. dilute purpureum glomerulis florum oblongis, sine pediculis caulibus adnatis Cat. Cantab. parvum hirsutum, fl. parvo dilute purpureo in glomerulis oblongis semine magno, Ray 945. 14. descr. opt. Syn. 134. 7. edit. 194. 8. an Trifol. cujas caules ex geniculis glomerulos oblongos proferunt I. B. 2. l. 17. p. 387. Fig. Chabr. 165. t. c. 5. Ray 946. 16?

Description. From a single white Root it sends forth divers branch'd

Stalks, in barren Places scarce a Span long, trailing on the Ground; but in fatter Soil much longer. Its Leaves dark, green, hairy and whole; those next the Root smaller, bluntnish, and sometimes cordated; towards the top they are longer and pointed, standing on shorter footstalks. The Flowers small, *Flesh colour'd*, and quickly Fade, growing at the ends of the Branches: These turn into hard thick set heads, in barren Ground roundish, in better

better Soil oval; they have always one, and sometimes 2 Leaves at each head, which when full ripe, are streakt, hairy, and swell, each *Husk* ending in 5 little Thorns, in which lies one large yellowish Seed. It grows in bar-*Place.*
ren Pastures.

Knotted Trefoil with rough heads.

Trifolium flosculis albis in glomerulis oblongis asperis, *Names.* 57
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 whitish *Flowers* and rough *heads*, ending in *Character.*
5 stiff points. It grows with the *Sesamoides Salamanticum* near the Mill at *New Market*, and in divers other Places.

Knotted Trefoil with soft round heads. Ray 948. 24.

Trifolium cum glomerulis ad caulum nodos rotundis, *Names.* 58
Ray cat. Angl. & Syn. 134. 8. edit. 194. 9: supinum cum
glomerulis ad caulum nodos globosis floribus purpurans-
tibus Ray 948. 24. Pluk. Tab. 113. Fig. 5. Its Leaves
crenated, Flowers flesh-coloured, with soft heads, in which *Character.*
it differs from the last. *Thomas Willisell* and others have
found this about *London*, and *Mr Ray* at *Sax-Mundham*
in *Suffolk*, as also abroad, viz. about *Messina*.

Mompelier Star Trefoil. Ray 945. 12.

Trifolium stellatum C. B. 329. 1. Phyt. 662. 35. descr. Prodri. 143. 1. descr. stellatum hirsutum Jonst. 1208. 5. 59
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 soft starry heads, with very long and limber rayes, *Character.*
distinguish this from other *Trefoils*. It *Flowers* and *Seeds*
in April and May. *Jonston* says he saw this in *Mr Tra-*
descants Garden, flowering in *May*, who brought it from
Formentera, an Isle in the *Mediterranean* near *Ivica*.
Mr Ray has observ'd it to grow plentifully at the foot of

Mount Vesuvius, as also about *Messina* and *Mompelier*. Mr *Jezreel Jones* gathered it about *Lisbon*, and Dr. *Salvadore* has sent it me from *Barcelona*.

60
Names.

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

Trifolium pratense folliculatum C B. 329. 2. *Salmanicum* Ger. 1021. Ic. 3. *pratense Salmanticum* Clusij 247. Fig. Hisp. 474. Fig. Park. 1111. Fig. 3. Jonst. 1189. Fig. 3. *Tritolum folliculaceum seu Vescarium minus purpureum* Chabr. 162. Ic. 1. I. B. 2. l. 17. 379. Fig. *Fragiferum s. Vescarium* floribus nitidis rubellis Ray Syllog. 255. *Trifol. Hispanicum* Tab. 522. Ic. 1. Hist. 221. Fig.

Character. Its small bright red Flowers distinguish it from common *Strawberry Trefoil*. It grows in the Meadows about *Salamanca*, and Flowers all the Summer. Mr *Ray* observ'd this elegant *Trefoil* about the Port of *Leghorn* and elsewhere in *Italy* in the borders of Fields. Mr *Jacob Bobart* formerly sent me a Specimen of this, which now grows in the *Physick Garden at Chelsea*.

Place.
61
Names.

Cytisus 3 Cornutus Tab. 1094. Ic. 1. Hist. 793. F. 7. *Corn.* Ger. 1124. Fig. 7. Jonst. 1305. F. 7. *incanus siliquis falcatis* C B. 398. 1. *Cytisus Galeni creditus, Marantha cornutes* Park. 1471. Fig. 1. *Marantha* Matth. Lob. 2. p. 46. Ic. 2. Belg. 2. p. 53. Ic. 1. Obs. 503. Ic. *siliqua incurvâ folio canticante* Chabr. 78. Ic. 3. I. B. 2. l. 11. p. 367. Fig. *Medicago trifolia frutescens incana* Bl. Bot. 328. I. R. H. 412. *Trifolium frutescens incanum sive Medica frut. incana, siliqua falcata plana* H. Ox. 153. 4.

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

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

Smooth round leaved *Cytisus*. Ray 973. 13.

62

Cytisus Ger. 1121. Fig. 2. Jonst. 1304. Fig. 2. alter *Lob. Names.* 2. p. 46. Ic. 1. Belg. 2. p. 52. Fig. 2. alter minor & vulgarior *Adv.* 388. Fig. glaber siliquâ latâ Chabr. 80. Ic. 2. I. B. 1. l. xi. p. 373. Fig. glabris folijs subrotundis *Cytisus* pediculis brevissimis C.B. 390. 1. *Cytisus* v. rotundifolius Tab. 1095. Ic. 2. *Hist.* 798. Fig.

Character.

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

Scarlet, square coddled Pease. Ray 966. 1.

63

Pisum flore coccineo, siliquâ quadrangulâ *Nobis*. *Lotus* *tetragonolobus* Cam. *Hort.* 91. Fig. 26. *Lotus quadripinnatis* *siliquis* Park. 1101. Fig. 2. *Lotus ruber*. *siliquâ angustâ* C.B. 332. 13. *Lotus filiformis*, fl. fulvo *tetragonolobus* I. B. 2. l. 17. p. 358. Fig. Chabr. 157. Ic. 5. *Lotus filiformis* fl. rubro *Clus.* 244. Fig. Pann. 763. Ic. *Lotus oligoceratos tetragonolobus annuus* *Cretic.* fl. rubro seu holoseiceo coccineo H. Ox. 176. 7. *Lotus filiquâ quadratâ* Jonst. 1168. Fig. 3. *Trifolium filiforme* rubrum C.B. *Phyt.* 668. 60.

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

Shining Cranes-bill. Ray 1060. 25.

64

Geranium alterum mont. saxatile roundifolium Col. *Names.* 137. Fig. c. 41. *Geranium annuum* rotundifolium mont. saxatile lucidum H. Ox. 512. 6. S. 5. Tab. 15. *Geranium lucidum* Chabr. 488. Ic. 5. I. B. 3. l. 30. p. 431. Fig. C.B. H 2. *Phyt.*

Phyt. 637. 10. *descr.* *Geranium lucidum saxatile* C.B. 318.
15. Park. 707. Fig. 9. *Geranium saxatile* Cam. *Hort.* 66.
saxat. *ugroscopelon* Thal. 44. Fig. 5.

Name. *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.

Name. 65 *Knotty Cranes bill.* Ray 1060. 29.
Place. *Geranium* 5, *nodosum* Plateau Clus. 110. Fig. 5. & 6.
Ejusd. *ex sent.* C.B. *Geranium nodosum* C.B. 318. 12. Park.
704. Fig. 2. *Geranium magnum* folio trifido I. B. 3. l. 30.
p. 478. Fig. *Geranium magnum* fol. trifido fl. purpurasc-
cente Chabr. 487. Ic. 6.

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

Name. 66 *Rose Cranes-bill.* Ray 1061. 32.
Place. *Geranium* 7, *aimatodes* Clus. 102. Fig. *hæmatodes* Par.
parad. 229. 8. Fig. 227. 6. *Geranium Gruinum* sive *Gru-*
inale *hæmatodes* *supinum* rad. *reptrice* Lob. 660. Ic. 24.
Geranium sanguinarium Ger. 799. Fig. 2. *Sonst.* 945. Ic. 2.
Tab. Vol. 2. p. 449. Fig. *Icon.* 774 Fig. 1. *Geranium san-*
guineum *maximo* *flore* C.B. 318. 4. *Pbjt.* 637. 7. H. Ox.
514. 17. *Geranium sanguineum* sive *hamat.* *crafta* *radice*
I. B. 3. l. 30. p. 478. Fig. fl. purp. Chabr. 488. Ic. 1. *San-*
guinaria *radix* & *Geranium* 3. *Tragi* 348.

Character. Its cut *Leaves* and spacious large red *Flowers* distinguish
it from other sorts. It is frequent in the North on high
Heaths and hilly Woods, flowering in July and August.

Name. 67 *Dale's deep cut Rose Cranes bill.*
Place. *Geranium* *hæmatodes* *folijs* *majoribus* *pallidioribus* &
altius *incisis* Ray *Synops.* *edit.* 2. p. 219. pl. 7.

Place. 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.

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 smaller than the Common ;
its Flowers are of a pale blush with deeper coloured Veins,
as in the streak'd Roman Cranes-bill. We are beholden *Character.*
to Mr. Tho. Lawson for the first Discovery of this pretty
Plant, who found it on the sandy Shores of *Walney Isle Place.*
in *Lancashire.*

Dusky Cranes-bill. Ray 1062. 35.

Geranium Batrachoides pullo flore Jonst. 942. Ic. 3. Names.
Batrachoid. hirsutum fl. atrorubente C B. 318. 2. *Phyt.*
636. 5. *Geranium pheum sen pullo flore Clus.* 99. F. *Pann.*
416. Ic. *Chabr.* 487. Ic. 5. I. B. 3 l. 30 p. 477. Fig. *Gerani-*
um pullo flore Park. 704. Fig. 3.

Its blackish Flower distinguishes it from all others. It *Character.*
grows on the *Stirian Mountains* and *Flowers* there in
June.

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

Geranium 13 Tabern. 151. Fig. 13. *Geranium macula-* Names.
tum Ejusd. Icon. 616. 1. *Geranium maculatum sive*
fuscum Ger. 799. Fig. 1. *Ionst.* 945. Ic. 1. *Geranium mon-*
tanum fuscum C B. 318. 8. *Pbyt.* 637. 9. *Geranium*
pheum sive fuscum, petalis reflexis H. Ox. 515. 18. *Ger.*
pheum fl. reflexo I. B. 3 l. 30. p. 477. F. *Chabr.* 487. Ic. 4.

Mr. Ray found this on the top of *Mount Tera* near
Thniri, who says its more hairy than the last, and is *Place.*
rather Purple then dusky ; it differs also in having its Pe-
tals or Flower leaves turn Back.

Roman veined Cranesbill. Ray 1063. 37.

Geranium Romanum versicolor sive striatum Park. pa- Names.
rad. 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 Park-
inson's time, viz. about the Year 1620.

(54)

Names.
72

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

The Leaves are hard, curl'd and jagged like the *Oak* of *Jerusalem*; 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*.

Names.
73

Round, Mountain Valerian of Lyons. Ray 3. p. 242. 5.
Valeriana maxima Cacaliae folio D. Fagon Schol. Botan.
153. Pluk. Tab. 232. Fig. 1. Nard de Montagne de Leon.
Hist. Lugd. Gallice Tom. 1. p. 805. Fig.

N.B.

This rare Plant was first *Figured* and *Described* 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 *Hist. Lugd.* has erroneously made whole; which only are so at the Root, round and serrated like the *Cacalia*, but those on the Stalk are auriculated, as I have since observed it in the *Physick Garden* at *Chelsey*, when in *Flower* and *Seed*.

Names.
74

Bladder Nut. Ray 1681. cap. 12.
Staphylocarpus *Chabr.* 18. *Ic.* 6. *I. B.* 1. 3. p. 274. Fig.
Tabern. 1022. *Ic.* 2. *Hist.* Vol. 2. p. 724. fig. *Staphylo-*
dendron sylv. & *vulgare H. Leyd.* 582. *Nux Vesicaria*
Ger. 1294. Fig. *Jonst.* 1437. Fig. *Park.* 1418. Fig. *Pistacia*
sylvestris C B. 401. 3.

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*.

Names.
75

Christ's-thorn. Ray 1708. cap. 8.
Palinurus Dod. 756. Fig. *Chabr.* 51. *Ic.* 2. *Ger.* 1153.
Fig.

Fig. Jonst. 1336. Fig. Paliurus sive *Rhamnus* 3 Dioscoridis Park. 1006. Fig. *Rhamnus* sive *Paliurus* folio *Jujubino* I B. 1. l. 6. p. 35. *Rhamnus* folio subrotundo, fructu compresso C B. 477. 5.

The Flowers are stellated, small, of a greenish yellow, growing in Clusters amongst the Leaves, which are serrated like the *Juine*. Its Fruit is hard and somewhat Bell-fashioned, including 3 Kernels, which rattle in the Cells when ripe. It grows in the Hedges and Fields about Montpelier, and several 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, says it was with this Thorn they crowned our Saviour, and gives this Reason for it; That in Judea there was not any Thorn so fit, pliant and prickley as this, and that in those parts it grew in so great abundance, that they burn it for Fewel, as we do our *Goss* or *Furze*.

Common Spindle Tree. Ray 1621. 1.

766

Euonymus Dod. 783. Fig. Tabern. 1047. Ic. 1. Hist. 2. Names... p. 754. Fig. *Euonymus*-*Theophrasti* Ger. 1284. Fig. 1. Johnst. 1468. Fig. 1. *Euonymus vulgaris* Park. 241. Fig. 1. *vulg.* *gravis rubentibus* C B. 428. 1. *Euonymus* 2 Clas. 57. Fig. Pann. 95. Fig. *Euonymus* multis, alijs *Tetragonia* Chabr. 62. Ic. 6. I. B. 1. l. 8. p. 201. Fig.

This makes a pretty Shew in Hedges, especially 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.

77

This rare Tree seems to differ from both the Hungarian sorts of *Clusius*, the broad leaved, like this, having white or flesh Coloured Flowers, and the Leaves of the Purple flowred resemble our Common. I saw this in Flower with great Pleasure in the Bishop of Londons Garden at Fulham.

French

(56)

73
Names.

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

Place.

It bears Tufts of very small pentapetalose blush *Flowers*, which when ripe, turn white. It grows plentifully on the *Sea Coasts* near *Montpelier*. The famous *Dr Grindall*, Archbishop 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.

79
Names.

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 sive minor fruticosa* I. B. 1. l. 10. p. 351. Fig. Chabr. 75. Ic. 2. *Tamarix fruticosa folio crassiore Germanica* C B. 485. 1. *Myrica sylv. altera* *Clus.* 40 Fig. *Pann.* 27. Fig.

Place.

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

80
Names.

Nettle-tree. *Ray* 1483. c. 9.
Lotus arbor Ger. 1308. fig. *Jonst.* 1522. fig. *Park.* 1522. fig. *Lob.* 2. p. 186. Ic. *Belg.* 2. p. 218. fig. *Obs.* 605. fig. *Lotus arbor fructu Cerasi* Chab. 16. Ic. 3. I. B. 1. l. 2. p. 229. fig. *Lotus fructu Cerasi* C B. 447. 1. *Celtis fructu nigricante* El. Bot. 485. I. R. H. 612.

Its *Leaves* notcht like *Elm*, but longer pointed, with small stamineous *Flowers* and a blackish *Berry*, with a furrowed Stone, distinguish it from other Trees. It grows in the Hedges about *Rome* and *Mompelier*.

S E C T.

SEC T. II. Oriental, African, and West
INDIAN Plants.

Canada Asarabacca. Ray Hist. Plant. 208. 2. 81

A Sarum Canadense Cornuti 25 c. xi. Fig. *Asarum A-* Names.
Americanum Park. 226. Fig. *Asarum Americanum*
majus Virid. var. 94. *Vallot H. Reg. Paris.* 25.

This is larger in all its Parts than the Common. its *Character.*
Leaves somewhat pointed and Velvetey. It flourishes very well in the *Bishop of London's Garden at Fulham*, 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. 131 Fig. *Urtica Romana altera mitior, foliis minus serratis, Lini semine Joncquet Hort. Reg. Paris.* 138. *Urtica urens altera Pilulifera, Parietariæ folijs Vallot* 187.

This differs from the Roman Nettle, in having lesser *Character.* *Leaves*, and those rarely serrated. Many *Gardeners* call this Plant *Spanish Marjoram*, inducing unwary People to sting their Noses by smelling to it.

Great Canada Nettle. Ray 1854. 8. 83

Urticaracemosa Canadensis maxima Dodart Mem. 120. Names. Fig. *Urtica iners maxima Canad.* Joncq. 138. *Urtica max. racemosa Canadensis Vallot.* 187.

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

Great Canada Bur-Nettle. Ray 165. 2. 84

Xanthium majus Canadense H. Leyd. 653. *Lappa stru-* Names. *maria seu Xanthium Virginianum folio & fructu grandiori* Almag. Botan. 205. *Xanthium Canadense minori conge-* nner, sed procerius Val. 110.

Character. This is much taller, larger and more spread than the Common, its *Burs* also bigger. I have observed this in the *Bishop of London's Garden* at Fulham.

Names. 85 Egyptian *Groundsell* with *Fetherfew Leaves*.
Senecio Hægiacanthus, fol. *Metricaria Boerhaave Ind. Plant.*
H. Leyd. 40. 2.

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

Names. 86 Athenian *Groundsell*. *Ray 3. p. 183. pl. 3.*
Senecio Atticus vulgari similis, flore petatis fore inconspicuis radiato *Pluknet. Almagest. Botan. 342.*

Character. These *Leaves* are very hoary, like our *sweet 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*.

Names. 87 Cockle-Flowred *Oriental Scabious*.
Scabiosa Orientalis Pseudo-melanthis flore.

The Peculiarity of this *Plant* lies in the *Flower*, whose Rim is composed of broad, flat, red *Petals* resembling the *Cockle*, with much less, narrower and pipey *Leaves* in the middle. It *Flowers* from *May* till towards *Autumn*.

Names. 88 White *Oriental Scabious* with differing *Leaves*:
Scabiosa Orientalis folijs biformibus, fl. albo Nobis. argentea minor Wheeler 239. 2. Scabiosa Orient. argentea folijs inferioribus incisis T. Coral. 34.

Discovery. 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-

(59)

Specimen of this, since which I have observed it with Mr Thomas Fairchild at Hoxton, and in Chelsey Garden, flourishing in July, August, &c.

Yellow hoary Cape Chamomil. Ray 356. 9.

89

Chamænium Æthiopicum lanuginosum Breyn. Cent. 73. Fig. Cotula Africana capite eleganti casio L. R. H. 494.

Its Leaves are very fine resembling Dogs Chamomil, the Character. Flowers yellow, with a small short Rim standing in a pretty glaucous Funnel-like Calix. I first observed this in the Physick Gardens at Leyden and Amsterdam, and since at Chelsey, Flowering in July and August.

Dwarf Oriental Fennel-Tansy.

90

Coma Orientalis pumila Nobis. Chamælum marinum Names. Asiaticum nudum humifusum, folio crasso Boerhave Ind. Plant. H. Leyd. 36. 8.

This chiefly differs from the Valentia Fennel-Tansy in Character, being much less.

Egyptian Maudlin. Ray. 369. 11.

Names. 91

Ageratum Ægyptiacum, folijs incanis varie incisis Nobis. Abrotano fœmina 2 Specie Zanon. 9. c. 3. Fig. 3. Absinthium Capili Veneris folio C B. phyt. 236. 12. Absinthium Santonicum Ægyptiacum C B. 139. 3. Park. 103 Fig. 5. Semen sanicum, aliud peregrinum sive Ægyptiacum Absinthium Lob. 756. Ic. 2. Belg. 923. Fig 2. Obs. 437. Fig. 2.

I first received this elegant Plant from that curious Place: Botanist Mons. Sebastian Vaillant at Paris, and her Grace the Duchess Dowager of Beaufort hath since sent it me from Badmington: I saw it the last Summer in Flower with her at Chelsey, as also in our Physick Garden.

Hoary Milfoil Maudlin.

92

Ageratum Orient. folio Millefolij tomentoso Nobis. Names. an Millefolum Tomentosissimum Boerhave p. 38. 8.

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

(60)

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

Names. 93

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 s. Syriacum* Park. 890. 1 *Anetho similis* planta tenui lati laciniato I. B. 3. l. 27. p. 7. c. 6. Fig. *Anetho similis* planta; *Gingidium verum* *Dioscor.* Chabr. 382. Ic. 4.

Discovery.

Leonard Rawolph was the first, since *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* Consul of *Smyrna* for this Plant, which I first saw in *Flower and Seed* with *Mr Thomas Fairchild* Gardener at *Hoxton*, and since with *Mr. Charles du Bois* at *Mitcham*.

Names. 94

Yellow Clammy Oriental Tournsole.

Heliotropium Orient. *procumbens viscosum* fl. luteo *Nobis.* *Euglossum Orient.* fl. luteo T. Cor. 6.

Description: The Root-Leaves are long, broad, and very clammy, 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 Chelsey Garden the greatest part of the Summer.

Names. 95

Brasil broad *Borage-Tournsole.* Ray 502. 5.

Heliotropium Americ. *cæruleum* *folijs Hormini* Dodart. 83. Fig. *latifolium* H. Leyd. 307. *Jacua acanga.* Pis. 229. Ic. *Fedogeso Lusit.* *Jacua acanga Brasil.* *Scorpoidis 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 rise long slender Spikes of small blueish Flowers, which turn backwards like our Common Scorpion Grass.

Names. 96

Barbadoes Spikenard.

Citrago Barbadenſis *folio Melissæ majore.*

Its middle *Stalks* grow near a hand high, are four *Description.*
Square, with large opposite *Balm Leaves* of a pale green,
more lacerated or torn then serrated, 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 flow-
red the last Summer in *Chelsey Garden*, which is the only
Place where I have as yet seen 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-
right *Stalk*; its *Leaves* rounder, broader and smoother;
the *Flowers* finer, larger and a blacker bottom; the *Seed*
less. *Munting* has given a very accurate *Figure* of this
Plant.

Round leaved *Virginia Crowfoot*.

98

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

Its lower *Leaves* are round, limber and serrated like
our *Alliaria*, or *Sawce alone*, the *Flowers* scarce discerni-
ble, and *Seed heads* very small. Dr *Herman* owns to
have received this from Mr *Jacob Boart*: I first saw it
in the *Leyden Garden* with Dr *Boerhave*, who hath since
sent it to *Chelsey*.

Piked *Strawberry-Trefoil*.

99

Trifolium Orientale, capitulo vesicario rigido. *Names.*

The *Leaves* are oval, smooth, and lightly crenated; its
Heads round, with stiff long *Pointe*, standing out of
streaked, whitish, bladder-like *Kinsk*. I observed this ele-
gant Plant in *Chelsey Garden*.

Round flusey *Haresfoot*.

100

Trifolium Lagopoides procumbens, capitulis rotundis Names.
G. *Stonestreet.* an *Trifolium Orientale, capite lanuginoso*
T. Coral. The

Description. The Leaves are small, oval, plain and somewhat hoary ; the lesser Branches, which adhere to the greater Stalks, are bearded ; its blush Flowers stand in a round flutey Head, like our Haresfoot, but not so soft. The Reverend Mr William Stoneystreet, that sagacious Naturalist, gave me a Specimen of this, which he had raised in Mr Fairchild's Garden at Hoxton from Seed he received from Dr William Sherrard Consul at Smyrna.

101
Names. Four leaved Earth-Nut. Mus. Petiver. 33. Ray 919. 3.
Arachydna Indiae utrinque tetrphylla Par. Bat. pr. 314.
Arachus upogaios congener hirsuta è Maderaspatan, flore
flavo, siliquis punctatis scabris, solliculos sub terram con-
dens. Pluk. Tab. 60. Fig. 2. Alm. Botan. 341. pl. ult. Mu-
ndubi Marcgr. 37. Fig. Pis 256. Fig.

Description. It bears four Leaves on a two Inch hairy Footstalk, with two long welted Beards at setting on. The Peculiarit 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 Chelsey Garden.

102
Names. China Pink. Caryophyllus Sinensis, flore pulcherrimo Boerhave
88. 23.

Description. This elegant Plant has single Flowers with a large dark Eye or Ring towards the bottom ; its Leaves not unlike the other Pinks. I saw it in Flower the last Sum-
mer with Mr Fairchild at Hoxton.

103
Names. Cape Tree-Cranesbill with roundish circled Leaves.
Geranium African. arborescens, Alchimillæ hirsuto folio,
floribus rubicundis Comel. prælud. 1.p.51. Fig. Ray App. 3.
229. 1.

Description. This rises three or four Foot high from a round hairy Stem, which divides into so many Branches ; its Leaves soft and roundish, with a dark Circle in the midst ; these if lightly rubb'd, smell very pleasantly like Codlings and Cream ; it bears Tufts of blush Flowers, with equal Petals,

Petals, the two uppermost only streakt with red. This is cultivated in most of the curious Gardens about London, viz. with the Duchess of Beaufort, Bishop of London, Dr Uvedal, Mr du Bois, &c. It flowers most part of the Summer, especially from Midsummer till Autumn.

Boerhave's Cape Cranes-bill, with small roundish circled Leaves. 104
Names.

Geranium Africanum. folio *Alchimillæ piloso*, maculato Character.
Boerhave Ind. Plant. Leyd. 112. pl. 52.

This is a low Plant, with dark Circles and roundish Leaves like the last, but more indented, yet not so deep and hairy as the Ladies-Mantle Cranes-bill of Dr. Herman; its Flowers are also smaller than that and all white, the Petals whole, and of one size. I observ'd this in Chelsey Garden, flowering in August.

Cape Cranes-bill with round and angular, thick, fower Leaves. 105
Names.

Geranium Africanum Hedere arboreæ folio, floribus purpureis Ray 3. p. 514. pl. 38. *Geranium Africanum*, folijs inferioribus *Asari*, superioribus *Staphydisagriæ*, maculatis & splendentibus, *Acetosæ* sapore Comel. prelud. 1. p. 52. fig. Ray 3. App. 228. 2.

This is a spreading low Plant, with shining, thick, juicey, tart, round umbrella Leaves; those towards the Flowers are angular and pointed: Its Tassel-Flowers are large, of a bluish colour; the Petals all of the same size, and the two uppermost streak'd with red. It flourishes most part of the Year at Chelsey, Fulham, Enfield, &c. It grows wild in the Districts of Heycoom at the Cape of Good Hope.

Yellow African Bean-Caper.

Fabigo Africana arborescens, flore Sulphureo, fructu rotundo Comel. Pl. rar. 10. Fig. 106
Names.

Names. Its Leaves are small, thick, green, and 4 together, viz. two on each side the Stalk, with as many little Spines at setting on; from these come 5 leaved yellow Flowers, with a round flatish Husk, which splits into 5 Cells, containing so many Seed. I have with great pleasure seen this rare Shrub between 2 and 3 yards high, and in Flower, with her Grace the Dutchess Dowager of Beaufort, now at Chelsea.

Place. *107* *Names.* Virginia Spindle-tree with rough Fruit.
Euonymus Virginianus Pyracanthæ folijs, capsulâ verrucarum instar asperatâ rubente Pluk. Tab. 115. Fig. 1. Alm. Botan. 139. pl. 8.

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

108 *Names.* Steerbecks Cape Spindelkin.
Euonymo adfinis Æthiopica semper virens, fructu globoſo ſcabo, folijs Salicis rigidis ferratis Herm. H. Leyd. 139. Pluk. Tab. 176: Fig. 3. Alm. Botan. 129. pl. 11. Laurus non odorata, fructu globoſo, Africana Steerb. Citri-cult. 248. Lauro ferratae odoratae Stapelianæ ſimilis inodora Capitis Bone Speci Breyn. Prodri. 1. p. 42.

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