



Philosophical Transactions

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II. An Account of Mr Sam. Brown his Fifth Book of East-India Plants, with their Names, Vertues, Description, &c. By James Petiver, Apothecary and Fellow of the Royal Society. To which are added some Animals sent him from those parts.

These Plants were gathered at Salawacka and Keraputta Kaudoo, about 30 Miles from Madrafs, among Stony ground, Hills and Mountains, the colour of the Earth like rust of Iron: there are some moist places, but the ground is generally dry and hard.

Collected from the 23d of July to the first of August 1696.

180. Vifne crantee Malab.

S B.
180.

Convolvulus *Bisnagaricus* Myofotidis folio.

Pluk. Tab. 9.

Alfines facie myofotis *Bisnagarica* frutescens flosculis pallide flavescentibus Plukenet. Phytograph. Tab. 9. Fig. 1.

Fig. 1.
H. Mal. v. xi.
Tab. 64. p.

an Vistnu Clandi Hort. Malab. Vol. xi. Tab. 64. p. 131. Convolvulus *Indicus* minor, *Alfines* folio, flore rubicundo purpureo *Comel.* in Hort. Malab. Vol. xi. p. 132. Flor. Malab. Fol. 22. Col.

131. Fl. Mal.
85. 2. id. fol.
22. 1. 2.

1 pl. 2. id. p. 85. 2. an Auricula Muris *Camelli* Mfs.

The Flowers of this Plant are Blue, and not of a pale yellow, as Dr Plukenet asserts. The Decoction is good in Hectick Fevers, Consumptions, &c. Which the Hort. Malab. confirms, being bovd with Cummin.

181. Pan-need Maruum Malab

181.

Arbor Salawaccensis *Catappæ* Malabaricæ folio, flore extus fericeo.

These Leaves are roundish, large, and broadest towards the top, in shape very like the *Katappers* or *Indian Almond* mentioned by *Nieuhof* in his *Itinerary*: It is also very well described and Figured in the Hort. Malab. Vol. 4. Tab. 3 and 4. p. 5- under the Malabar name of *Ada-maram* or *Saros*.

H. Mal. V. 4.
Tab. 3. p. 5.

The Flowers grow in Clusters Umbelwise, viz. several at the end of a long pedicle.

U u u u u u

Is

Is about 8 or 10 foot high; thick as ones Arm. The Decoction of the Root, Leaves, Bark, &c. cures the Running of the Reins, and Sharpness of Urine. S. B.

S. B.
182.

182. Keela neltee Malab.

Nirouri *Salawaccensis* minor, *Abrus* folio.

Pluk. Tab. 183.
Fig. 5.
Alm. Bot. 159.
pl. 8. l. 19.
H. Mal. v. 10.
Tab. 15. p. 31.

an *Fruticulus capsularis hexapetalos*; *Cassia Poetarum* foliis brevioribus subrotundis & densius stipatis Pluk. Phyt. Tab. 183. fig. 5. Alm. Bot. 159 pl. 8. lin. 19. an Kirganeji Malab. Bajan Anvali *Bram* Hort. Malab. V. 10. Tab. 15. p. 29. *Vitis* Idea affinis, flore hexapetalo exalbicante Comel. in H. Mal. V. 10. p. 31. Fl. Malab. p. 274. 2. id. Fol. 69. 1. 10.

The whole Plant ground and made into Pills, and 2 or 3 of them taken night and morning cures Yellow Jaundice and Fevers: the same mixt with Milk cures the Gonorrhoea; mixt with a little Turmeric it cures the Itch and Ringworms: 'Tis also good in Hecticks and Consumptions. S. B.

S. B.
183.

183. Manmerrellee-maraum Malab.

Here are the Specimens of two, if not 3 different Plants, however Dr Plukenet hath in his *Mantissa* p. 170. (not according to his wonted Custom) reduc'd them all to one.

Is about 6 foot high, and thick as ones wrist; a Drink of the Leaves and Bark cures Cholerick Vomitings, 3 or 4 Spoonfuls is a Dose, and gives 2 or 3 Stools. S. B.

S. B.
184.

184. Nauvel-maraum Malab.

Pimenta Malabarica *Caryophylli aromatici* folio.

Pluk. Tab. 274.
Fig. 2.
Alm. Bot. 88.
5.
H. Mal. v. 5.
Tab. 29. p. 57.
Ray H. Pl.
1499. c. 22.
Fl. Mal. 49. 3.
id. Fol. 13. 1. 6.
Pluk. Tab.
274. Fig. 2.

Caryophyllus languescens vi aromaticus *Malabariensis*, folio & fructu maximo Pluk. Tab. 274. fig. 2. Alm. Bot. 88. 5. Perin Njara seu Inanel. Malab. Mandaneka Brach. Grano de gato Luffit, Katers-ballen Belg. Hort. Malab. V. 5. Tab. 29. p. 57. *Baccifera* Malab. fructu umbilicato Pruniformi unico intus nucleo Ray H. Pl. 1499. c. 22. Flor. Malab. 49. 3. id. fol. 12. 1. 6. I wonder, since Dr Plukenet in his *Almagestum* Botanicum Tab. 274. fig. 2. had given so good a Figure of this, yet when he came to see it in this Collection, should so soon quite forget it, as appears in his *Mantissa* pag. 39. where he not only gives it a New name, but falsely makes it the *Belutta Kanelli* of the 5th Volume of the *Hort. Malab.* which is a different Plant.

This Tree is about 30 foot high, and about a foot diameter; The Fruit when ripe are dark purple almost black, as big as Grapes and taste like Sloes; they have a large Kernel or Core, which is not inclosed in a Shell, the taste of that is not pleasant,

sant, but harsh and bitter, therefore thrown away ; this *Kernel* is more than half the *Fruit*. The *Bark* of the *Tree* boy'd and the *Decoction* drank cures all *Fluxes*, also the *Dysentery* and *Gonorrhœa*. This *Fruit* is good to eat, and all over this *Coast* by *English* and *Portuguese* are call'd *Jambolins*: I believe they are the same that *Garcias* 236. and *Parkinson* 1636. call by the same name *Jangomas* I don't know, except it be the same with the *Mansanas*, viz. *Ber* and *Bor*. S. B.

N. B. The *Jambolins* of *Garcias* and *Parkinson* seem very different from this *Tree*.

185. *Peren-calla Malab.*

Kara Salawaccensis major, fol. longiore venoso.

an Ben. *Kara Malab.* Gali feu Babouli *Brach.* Espinho d'urso *Lusit.* Aapel dorn *Belg.* Hort. *Malab.* V. 5. T. 35. p. 69. *Baccifera Indica* floribus spicatis, fructu rotundo nigricante, polyspermo *Ray H. Pl.* 1494. c. xi. *Fl. Mal.* 47. 3. *Fol.* 12. 2. 5.

This differs from S. B. 62. in having its *Leaves* much larger, and sharp-pointed, some as big as *Bay-leaves* and as broad.

This is a bigger sort of S. B. 62. Its *Vertue* the same with that ; The *Fruit* of this is a pleasant acid taste, makes good sweet *Meat* and *Gelly*, altogether as good as *Currans*, they are of a fine *Red* when half ripe, and *Black* when full ripe: The *Natives* eat these greedily, but I cannot hear they use them in *Physick*: The *Natives* commonly call the *Fruit* *Callacca*. Some count *Pecala* S. B. 161. a *Species* of this. S. B.

186. *Shala-maraum Malab.*

Rus trifoliatae facie *Frutex Salawaccensis* floribus Juliformibus *Mus. Petiver.* 678. an *Molago maram Malab.* Mirifato *Brach.* 678. *Arbore da pimienta falso Lusit.* Wild *Peeper boom Belg.* *Fl. Mal.* V. 5. Fig. 25. p. 49. *Baccifera Indica* trifolia, fructu rotundo *Monopyreno*, pediculo longo *Ray H. Pl.* 1593. c. 18. *Fl. Mal.* 43. 5. *id. Fol.* 11. 2. 8.

If *Dr Plukenet* has the aforesaid *Molago-maram*, as he asserts in his *Almag. Bot.* 94. pl. 7. he would be very kind to show wherein it differs from this and his *Jamaica Plant*, *Figured Tab.* 267. *Icon.* 4. tho in his *Almagest* p. 48. *lin.* 4. he confounds it under *Figure 1*.

Grows 10 or 12 foot high, thick as ones *Arm.* A *Drachm* of the *Powder* of the whole *Plant* taken, cures the *Bites* of a *Venomous Horse-Fly*, which the *Natives* call *Wandoo-gudee*; it's also good against the bites of other *Insects*. S. B.

U u u u u 2

188. *Muu-*

S. B.

185.

H. Mal. 2. 5.

Tab. 35. p. 69.

Ray H. Pl.

1494. 11.

Fl. Mal. 47. 3.

id. Fol. 12. 2. 5.

S. B.

186.

Mus. Petiver.

678.

H. Mal. 2. 5.

Tab. 35. p. 49.

Ray H. Pl.

1593. c. 18.

Fl. Mal. 43. 5.

id. Fol. 11. 2. 8.

Alm. Bot. 94. 7.

Alm. Bot. 48.

1. 4.

188.

188. *Maudalan-chedde* Malab. The *Pomegranate*.

Dale 413.

Granata vulgaris *Officinarum*. Granata *Fonst.* Dendr. 28. Tab.

Pom. p. 1. 180.

Granata & Punica *Offic.* Dale *Pharm.* 413.

i. 6. c. 6 Fig.

Grenadier *Pomet* Hilt. *Generale des Drogues* part 1. p. 180. l.

Ger. 1262.

8. c. 6. Fig.

Fig. 1.

Malus *Granata* feu Punica *Ger.* 1262. Fig. opt. 1. *id.* emac.

Idem. 1450.

1450. Fig.

Fig. *Chabr.* 3Malus Punica *Chabr.* 3. Fig. 5. *IB.* l. 1. 76. c. 17. Fig. *Prodr.*

Fig. 5.

3. 3. *Gesn.* Hort. Germ. 267. Malus Punica *fativa* C. B. 438. 1.

J. B. l. 1. 76. c.

17. *ids.* Pr. 33.*Park* 1510. Fig. *id.* Part. 528. 1. Fig. 429. 4. Malus Punica *sava*,

C. B. 438. 1.

aliis *simplici flore* Cat. Pl. *Jam.* 201.

Park. 1510.

Malum Punicum *Lob.* *Observ.* 564. Fig. 1.Fig. Pl. *Jam.*Punica malus *Lugd.* 303. Fig. *Cord.* in *Diosc.* 22. cap. 152.201. *Lob.*189. Mella Kurni *Malab.*

Obs. 564. Fig. 1.

Chamaelea *Malabarica* trifoliata spinosa *Mus. Petiver.* 41.

Lugd. 303.

Frutex *baccifer Indicus* spinosus trifolius, floribus spicatis,

Fig:

S. B.

fructu plano rotundo tricocco *Ray* H. Pl. 1612. c. 6.

189.

Kaka-Toddali *Malab.* Boriti *Brach.* Espinho do Ladrano *Lu-*

Mus. Petiv. 41.

Ray H. Pl.

fit. Praetkens *Belg.* Hort. *Malab.* V. 5. F. 41. p. 81. Fl. *Mal.* 119.

1612. c. 6.

6. *id.* Fol. 30. 2. 6. Kaka-Toddali forte *Malabarica* ex oris *Cor-*

H. Mal. v. 5.

mandel Pluck. *Tab.* 95. f. 5. *Alm. Bot.* 292. pl. 3.

Tab. 41. p. 81.

Grows about 6 foot high, and 2 or 3 fingers thick: The *Bark*,Fl. *Mal.* 119. 6.*Leaves* and *Berries* boyl'd in Butter, and about half a dram of

id. Fol. 30. 2. 6.

it given to young Infants cures the *Carpau*, *Scab* and *Itch*;Pluk. *Tab.* 95.the *Bark* of the *Root* ground and made into Pills, and 5 or 6 ta-

Fig. 5.

ken night and morning expels Wind and helps *Gripes*, the *De-*

Alm. Bot.

coction of the *Wood* is good for the *Pox* and *Rheumatism*: The

202. 3.

Natives boyl the *Root*, *Bark*, *Leaves* and *Grains* in *Gingeele**Oyl* (which I think is *Sesamum*) and drink 3 or 4 spoonfuls nightand morning for the *Pox* and *Rheumatism* with good success.This Plant is wholly *Aromatick*, in *Root*, *Bark*, *Leaves* and*Berries*, which I fancy rather exceeds than comes any thing be-hind *Juniper-berries*. S. B.

S. B.

190.

190. *Pautan-chedde* *Malab.*

H. Un. 5. Aët

Paccifera racemosa *Madraspatana* Juglandis folio, nigris ma-

Phil. No. 244.

culis eleganter aspersis. *H. Un.* 5. Aët. *Phil.* No 244. p. 315. 5. an

p. 315. 5.

Cupi Malab. Cita-Mataki. *Bram.* Hort. *Malab.* V. 2. Tab. 23.

H. Mal. V. 2.

p. 37. Frutex *Indicus* baccifer, floribus umbellatis fructu ro-

Tab. 23. p. 37.

lundo polyspermo *Ray* H. Pl. 1494. c. 10. Fl. *Mal.* 123. 2. *id.* Fol.

Ray H. Pl.

31. 2. 3.

1494. c. 10.

This differs from *H. Un.* 15 and *S. B.* 12 in having its *Leaves*,Fl. *Mal.* 123. 2.

thinner, less veiny and not so stiff, the ribs from the middle of

id. Fol. 31. 2. 3.

the

(101F)

the Leaf extending to the edges, whereas the other are lost in the lesser capillary Veins before they reach the sides : The Flowers are larger, and the style exerts it-self near an inch above it, whereas in the other they are not to be seen, but in those whose petals are reflex, which they frequently are.

Grows 4 or 5 foot high, thick as ones Wrift or more, the Natives make *Atchars* of the Berries, (i. e. Pickle them) the Decoction of the Bark of the root, cures the *Gonorrhœa* and sharpness of *Urine*, S. B.

191. *Vela Cacuanha Malab.*

Clitorius Malabaricus, fl. albo. *The white Clitorian Flower.* Alm. Bot. 294. 5.
Phaeolus alatus Ternatensium floribus albis Alm. Botan. 294. 5.
 5: l. 20. *Schanga-cuspi Malab.* Gocarni *Bram.* Fabas de Brha. Tab. 38 p. 69.
manne Lufit smalt Kruid Belg. H. Malab. V. 8. Tab. 38. p. 69. Ray
 H. Pl. 890. 30.

Phaeolo adfinis Glyzyrrhizæ Germanicæ foliis Orientalis flore amplo albo P. B. pr. 365. 1. *Clitorius Flos albus* H. A. Lugd. id. Fol. 54. 1. 3. H. Un. 20. Act Phil. No. 244. p. 323. 20.

S. B.
 191.
 Alm. Bot. 294.
 H. Mal. v. 8.
 Tab. 38 p. 69.
 Ray H. Pl.
 890 30.
 Fl. Mal. 213 3.
 id. Fol. 54. 1. 3.
 H. Un. 20. Act.
 Phil. No. 244 p.
 323. 20.
 S. B.
 192.

192. *Carpa Cacuanha Malab.*

Clitorius Malabaricus fl. caeruleo. *Blue Clitorian Flower*
Phaeolus Indicus caeruleus Glycyrrhizæ folijs alatis fl. amplo clitorio. Alm. Bot. 294. 4. l. 17. *Indicus Glycyrrhizæ folijs flore caeruleo* amplo sive Flos Clitoridis Breyn, Prodr. 1 p. 43. 7. Hort. Amst. 276. 1. *Phaeolo adfinis Glyzyrrhizæ Germanicæ folijs Orientalis* flore amplo caeruleo. P. B. pr. 364. 6. *Clitorius Flos caeruleus* H. A. Lugd. B. 162. 5. Flos Clitoridis Ternatensibus Breyn. Cent. p. 76. c. 31. Fig. H. Un. 19. Act. Phil. No. 244. p. 322. 19.

Scanga cuspi altera Species H. Malab. V. 8. p. 70. *Catarodu Zeyl.* Creuck *Javan.*
 This and the last differ only in the colour of their Flower, this being blue, that white, which are expressed in their Malabar names.

Both these are a foot and a half, or 2 foot high. The white operates more gently than the other, but they both Purge and Vomit also : yet the Natives give it every, or every other day to their Children, being ground with Water; for 'tis hard to powder. (I mean the Root, for that only is of Use.) 'Tis an Excellent Medicine in Fluxes, Jaundice, Cachexie, &c. The Natives give it every day to Pecky Children with excellent success; and they say that if the White Flowers be rubb'd in the palm of

S. B.
 192.
 Alm Bot 294
 4.
 Br. pr. 1. p. 43
 7.
 Hort. Amst.
 276. 1.
 P. B pr. 364.
 6.
 H Lugd. B.
 162. 5.
 Breyn. Cens.
 76. l. 31. Fig.
 H. Un. 19. Act
 Phil. No. 244 p.
 322. 19. H. p.
 Mal. v. 8. p.
 70.

the

the hand of either Man or Woman, and they immediately rub that hand on the hand of any person they have a mind to enjoy, it will make them consent, and be very fond: But I have no Faith for such Triffles. S. B.

S. B.

193.

193. *Cheta paulum Malab.*

P. B. pr. 312.

Anona folio obtusiore, fructu glanduloso conoide.

Pluk. Tab.

134. Fig. 3.

Pl. Jam. 205.

Ray H. Pl.

1650. 1.

H. Mal. v. 3

Tab. 29. p. 21

Fl. Mal. 17. 7.

id. Fol. 5. 1. 17.

an Anona Indica pomo viridi P. B. pr. 312. 3. lin. 12. *Anona Indica* fructu ex viridi & luteo cortice squamato aspero nucleis nigricantibus parvis Pluk. Tab. 134. Fig. 3 *Anona* foliis odoratis minoribus, fructu conoide squamato parvo dulci Cat. Pl. Jam. 205. *Pomifera Indica* fructu conoide squamato viridi Ray H. Pl. 1650. 1. *Ata maram* & *Manil jaka Malab.* *Atoa*, *Manil panofou* & *Jona jaka Brach.* *Atas* & *Atocira Lusit.* H. Mal. V. 3. Tab. 29. p. 21. Fl. Mal. 17. 7. f. ult. id. Fol. 5. 1. 17. f. ult.

The Fruit of this the English call *Custard Apple*, the Portuguese *Atta*, it hath a rugged rind, and is as big or bigger than one's Fist, is very mellow and soft, and tastes like *Cream* and *Sugar*. S. B.

S. B.

193. I.

193. I. *Ata paulum Malab.*

Pluk. Tab. 134.

Anona folio acutiore, fructu majore.

Fig. 4.

P. B. pr. 312.

2. Pl. Jam.

204. H. Mal.

v. 3 Tab. 30.

p. 23 Fl. Mal.

17. 6. id. Fol.

5. 1. 16.

an Anona Indica angustifolia, fructu caruleo cortice squamato glabro Pluk. Tab. 134. Fig. 4? *Anona Indica* pomo caruleo P. B. pr. 312. 2. l. 9? *Anona* maxima foliis oblongis angustis, fructu maximo luteo conoide, cortice glabro in areolas distincto Cat. Pl. Jam. 204? *Anona maram* & *Parangi Jaka Malab.* *Tfyna panofou Bram.* *Anona Lusit.* H. Mal. V. 3. Tab. 30 & 31. p. 23. Fl. Mal. 17. 6. id. Fol. 5. 1. 16.

The Fruit of this is *Ruffet* or *Reddish*, smooth and sweeter than the last, and as big as 2 Fists, the Leaves bigger and longer, and Flowers sweet: Neither of them serve for Physick, but are accounted wholesome Fruit. S. B.

S. B.

194.

194. *Terai Malab.*

Pluk. Tab. 130.

Fig. 5. Alm.

Bot. 21. 10.

H. Mal. v. 10.

Tab. 24. p. 47.

Spergula Salawaccensis foliis inequalibus latioribus & subtundis, alis foliorum florescens.

Aline Indica quadrifolia & quinquefolia, flosculis longiori pediculo infidentibus Pluk. Tab. 130. Fig. 5. Alm. Bot. 21. pl. 10. *an Kaipa Tfijra Malab.* *Codivi vassii Bram.* H. Mal. V. 10. Tab. 24. p. 47.

This has a sweetish smell, but bitter taste, it trails on the ground, and is a little larger than the next. The Natives say it gives a very pleasant taste to their *Carrais*, for which they use it much. S. B.

195. I.

194. 1. Common Terai Malab.

Spergula Anthylloides villosa Salawaccensis.

The Natives make a Decoction of this with a little round Pepper and Tamarind, which they drink and wash their mouths with, when they have a sweetish taste and want an Appetite; it also stops Vomiting. S. B.

S. B.
194. 1.

195. Paran Tulssee Malab.

S. B.
195.

Ocimum Salawaccense Menthae folio.

Here are 4 sorts of this, viz. Tulssee, cappore Tulssee, Nai Tulssee and this Black Tulssee, they all seem to be species of Basil; the Juice of them mixt with Sugar the Natives give to Infants when they can't digest their Milk. A Decoction of the 4 sorts they give for Feavers, Coughs and Astma's. S. B.

196. Vella caunjerrie Malab.

S. B.
196.

Ricinus Malabaricus Urticae folio.

Ricinus Altheae folio molli & incano Maderaspatanus Pluk. Tab. 120. Fig. 5. *Alm. Bot.* 321. 3. *H. Ox. S.* 10. p. 349. 24. *Urtica frutescens Malabarica Schorigenam dicta* Ray *H. Pl.* 160. 2. *Urtica major Indica tricarpos folio mucronato Schorigenam* Hort. *Malab. H. Ox. S.* xi. p. 435. 7. Tab. 24. Fig. 7. *Schorigenam Malab.* Pitta *Gafurculi Bram. H. Mal. V.* 2. Tab. 39. p. 73. Fl. *Mal.* 276. 8. *id.* Fol. 69. 2:22. *H. Un.* 9. *Act Phil.* No. 244. p. 317.

Pluk. Tab. 120. Fig. 5. *Alm. Bot.* 321. 3. *H. Ox. S.* 10. p. 349. 24. Ray *H. Pl.* 160. 2. *H. Ox. S.* 11. p. 435. 7. Tab. 24. Fig. 7. *H. Mal. v.* 2. Tab. 37. p. 73. *Pl. Mal.* 276. 8. *id.* fol. 69. 2. 22. *H. Un.* 9.

9. The Natives call this White Nettle, they have another lesser sort here, which they call *Carpa caunjerrie*, i. e. Black Nettle they make a Powder of these which they give in Milk for Hecticks, Astma's and Coughs, as also for stoppage of Urine. S. B.

197. Pulea chedde Malab. The Tamarind Tree.

S. B.
197.

Tamarindus vulgaris Officinarum.

Tamarindus Ger. em. 1607. *Park.* 237. c. 35. Fig. Ray *H. Pl.* 1748. c. 9. *C B.* in *Matth.* 191. Fig. *Cam.* 166. 1. *Lugd. app.* 9. Fig. *H. Lugd. B.* 588. 3. l. 10. 206. *Adv.* 439. *Obs.* 602. Fig. *Ferr.* Fl. 385. *Fragos.* 53. c. 23. *Cat. pl. Jam.* 147. *Hern.* 82. *L.B.* V. 1. lib. 12. p. 422. Fig. *id.* pr. 32. 7. *Chabr.* 90. Fig. 1. 2. *Vesling.* 13. *Garz.* 119. c. 28. *Claf. Ex.* 196. c. 28. & 271. c. 21. *Offic. Dale* 507. 8.

Ger. em. 1607. *Park.* 237. c. 35. Fig. 1. Ray *H. Pl.* 1748. c. 9. *C B.* in *Matth.* 191. Fig. *Cam.* 166. 1. *Lugd. app.* 9. Fig. *H. L. Bat.* 588. 3. *Lob.* *Adv.* 439. *Obs.* 602. Fig. *Ferr.* Fl. 385. *Fragos.* 53. c. 23. *This P.* Jan. 147.

Tamarindus Derelsfle appellata *Alpin.* *Agypt.* 15. c. 10. Fig.

Tamarins Pomet. part 1. L. 7. p. 22. c. 31. Fig.

Siliqua Arabica quae *Tamarindus* *CB.* 403. 3.

Balam Pulli seu *Maderam Pulli Malab. Sinza Bram. H. Mal. V.* 1. Tab. 23. p. 39. Fl. *Mal.* 259. 12. *id.* Fol. 65. 2. 13.

This P. Jan. 147.

Hern. 83. I. B. v.
 1. l. 12. p. 422.
Fig. id. pr. 32. 7.
Chabr. 90. *Fig.* 1. 2.
Vesling. 13. *Gar.*
 119. c. 287. *Clus*
Ex. 196. c. 28. &
 271. c. 21. *Dale*
 507. 8. *Alp.* c. *Æg.*
 15. c. 10. *Fig.*
Pomet. p. 1. l. 7.
C. B. 403. 3. *H.*
Mal. v. 1. *Tab.* 23.
 p. 39.

S. B.

198.

Breyn. Pr. 2. p.
 58. 3. l. 10.
P. B. pr. 342. 5.
Ray H. Pl. 1573.
 6. 13.
Pluk. Tab. 109.
Fig. 2.
Pluk. Tab. 59.
Fig. 2.

H. Mal. v. 2. *Tab.*
 14. p. 19.

H. Mal. v. 2.
Tab. 13. p. 17.
Fl. Mal. 142. 7.
id. Fl. 36. 1. 16.

S. B.

199.

Chabr. 126. *Fig.* 6.
Ger. em. 1598.
Ray. H. Pl. 730.
 29. *Cur. Pl. Jam.*
 58. 4. *C. B.* 398.
 6. *H. Mal. v.* xi.
Tab. 60. p. 123.
Cam. 135. 1. *Fig.*
 40 I. B. v. 2. l. 15.
 177. *Fig.*

This is the *Tamarind Tree*, whose Fruit is well known : it's a large Tree 40 or 50 foot high, and about 2 foot diameter. The *Natives* with the fume of the powder of the Root cures Piles and old Ulcers, the skin or rind of the Seed in powder is a most excellent Remedy in a Gonorrhœa after purgation ; it also stops all sorts of Fluxes, and in Dysenteries infallible. A Decoction of the Leaves cleanses and heals green Wounds and Ulcers ; the Juice of the Leaves cures inflamations of the Eyes and Ophthalmias ; the Fruit is well known to temper the heat of the Blood, with the Leaves, which the *Natives* use in all their Diet. S. B.

198. Chegga pu melleha Malab.

Schetti Malabar. foliis Laurinis venosis.

Jasminum arborescens Indicum flore tetrapetalo umbellato phæniceo, foliis Laurinis latioribus *Breyn.* Pr. 2. 58. 3. l. 10. *Jasminum Zeylanicum* flore parvovino *Hern.* Cerasus umbellata pavonina floribus coccineis *Ejusd.* Br. 2. 58. *Jasminum Indicum Laurifolio* inodorum umbellatum floribus coccineis *P. B. pr.* 342. 5. Frutex baccifer *Malabaricus* fructu calyculato rotundo rubro polypyreno *Ray H. Pl.* 157. 3. c. 13. *Jasminum Indicum Laurifolio* inodorum umbellatum floribus albicantibus *Pluk. Tab.* 109. *Fig.* 2. & *Jasminum Indicum Laurifolio* inodorum umbellatum floribus coccineis *Pluk. Tab.* 59. *fig.* 2.

Dr *Plukenet* has here confounded this, by making 2 several Plants of it, whereas it really is but one, as may be seen by the differing Leaves of this Specimen, some being broad, others sharp pointed, which last variety he makes the *Bem Schetti Hort. Malab. V. 2 Tab.* 14. p. 19 which differs from it, both in the make of the Leaf, as well as shape of the Flower.

Schetti Malab. Pada Cali *Eram. H. Malab. V. 2. Tab.* 13. p. 17. *Fl. Mal.* 142. 7. *id. Fol.* 36. 1. 16. *Ratambala Zeylon.*

Is about 6 or 7 foot high, and thick as ones arm, bears no Fruit (is an Error) nor has the Flower any smell, the Bark and Leaves the *Natives* beat and eat with Rice for Pains of the Back and Joints, Knees especially. S. B.

199. Vushá cocdee Malab.

Quamoclit In lie titriusq; Viola aquaticæ folio.

Quamoclit foliis tenuiter incisís & pennatis *Inst. Rei Herb.* 116. 1. *Quamoclit* I. B. V. 2. l. 15. p. 177. c. 45. *Fig. id. pr.* 39. 4. *El. Bor.* 95. *Cam.* 135. *Fig.* 10. *Quamoclit*, Planta nova *Indica*. *Jasminum* sive *Gelsemium Americanum* pennatum flore sanguineo quorundam *Chabr.* 126. *Fig.* 6. *Quamoclit* S. *Convulvulus* pennatus

tus

tus *Ger. em.* 1598. *Tan si Herb. noft. Chin.* Tab. 4. Fig. 1. *Ray H. Pl.* 730. 29. *Muf. Pet.* 48. *Cat. Pl. Jam.* 58. 4. *CB.* 398. 6. 23. *H. Mal. V.* 11. Tab. 60. p.

This Climer is not used that I know in *Physick*, but the *Natives* rub the juice on their *Wives* heads, to make them love them. *S. B.*

200. Mannalekai *Malab.*

Spergula Salawaccensis spicata, ex alis foliorum florifera.

S. B. 200.

Is 2 or 3 foot *high*, the *Root* a Finger thick, which with the branches ground with *Water*, and applied warm, is successfully used by the *Natives* to pains in the *Head*, *Neck* and *Eyes*. 'Tis bitterish. *S. B.*

201. Moellee *Malab.*

S. B. 201.

Phaseolus utriusque Indiæ foliis rotundis.

Pluk. Tab. 51.

Phaseolus maritimus purgans, rad. vivaci, foliis crassis subrotundis *Bisnagaricus* *Pluk. Tab.* 51. Fig. 2. *Phaseolus* maritimus rotundifolius, flore purpureo, siliqua brevi cristata, sem fusco striato *Cat. Pl. Jam.* 69. 2 an *Phaseolus* maritimus *Indicus* perennis trifolius subrotundus, siliqua longa, faba fusca oblonga *Cat. H. Amst.* 276. an *Phaseolus* *Brafilicus* *Bry Florileg.* an *Phaseolus* *Brafilienfis* *Ferrar. Flor.* an *Phaseolus* *H. Menofrancofurtensis* foliis densis subrotundis amplis. *Alm. Bot.* 292. 1.

Fig. 2. *Cat. Pl.*

Jam. 69. 2.

Cat. H. Amst.

276. *Alm. Bot.*

292. *I. H. Mal.*

vol. 8. *Tab.* 43.

p. 83. *Fl. Mal.*

210. *id. fol.*

53. 1. 11.

Catu-Tsjandi Malab. Canavali Bram. Grao do Boy Lusit. Vylebonen Belg. H. Mal. V. 8. Tab. 43. p. 83. *H. Mal.* 210. 1. *id.* *Fol.* 53. 1. 11.

This *Climer* spreads much, the *Root* is *tuberouse*, as big as ones *fist*, not long but roundish, taken inwardly is *laxative*, ground and outwardly applied Cures Pains and Swelling in the *Knees* and *Buboes*. *S. B.*

This grows also in *Bermuda*, where its call'd *Poyson* beans, or *Loes* beans, from his being poysoned by them, as my Ingenious Friend *Mr John Dickinson* there informs me.

202. Chellendenai *Malab.*

S. B. 202.

Milium Salawaccense grano minore.

A *Decolition* of the whole Plant is good for the *Thrush*, being drank a spoonful or two for *Children*, but more for *elder* persons, the Mouth must also be wash'd with it. *S. B.*

203. Yelle-chellendenai *Malab.*

Adhatoda Salawaccensis Clinopodii folio.

Pluk. Tab.

Gratiolæ affinis *Madraspatana* *Digitalis æmula*, folio *Clinopodii*, capsulis in verticillas positis. *Pluk. Tab.* 193: Fig. 3. *Alm. Bot.* 180. 10. l. 27.

193. Fig. 3.

Alm. Bot. 180.

10. l. 27.

X x x x x

The

S. B. 204. The *Decoction* is good for a *Thrush*, and used as the last, but *Muf. Pet. 662.* this is better. S. B.

H. Mal. v. 12.
Tab. 3. p. 7.
H. Malab. 194.
i. id. fol. 49.
J. 12.

204. Madel velladee *Malab.*

Orchides epidendron Salawaccensis Visci folio. *Muf. Pet. 662.*
Orchis aizoides abortiva Malabariensis, foliis obtusis, flore aureo odorato *Com. in H. Mal. V. 12. p. 8. Fl. Mal. 194. I. id. Fol. 49. I. 12.*

Ponnam pou Maravara *Mal. Sovanna Pouspa Bram. Goudblom Belg. H. Mal. V. 12. Tab. 3. p. 7.*

Is about a foot high; stops the too great Flux of *Urine*, with White Sediment, by taking one *drum* of the powder for a few days night and morning; the *Decoction* cures the *Gonorrhoea*. S. B.

S. B. 205.
S. B. 57.
Aët. Phil. No
267 p. 703. 57.
H. Leyd. 168.
pl. ult. Chabr.
82. Fig. 6. I. B.
v. 1. l. 11 p 384.
Fig. 1. id. pr.
31. pl. 7. Cat.
pl. Jam. 141.
Ray. H. Pl.
926. c. 4.

205. Auverre chedde *Malab. Nila chettu Gent.*

Indigo vera Coluteae foliis utriusque *Indiæ* S. B. 57. Aët. Phil. No 267. p. 703. 57. I have there given you its several *Synonims*, with a description of its *Leaves*, *Flowers* and *Pods*, which last grow straiter the riper they are.

This is *Nil* or *Anil*. The *Decoction* expels *Wind*, and is very good for lying in *Women*, provokes the *Lochia* if stopt, cures that dangerous *Distemper* of *Child-bed Women* which the *Natives* call *Janny*: Is *Diuretick*, and good in *Hædicks* and *Consumptions*, as they say, with many other *Vertues*. Here is another sort of *Nil* (but it makes no *blue colour*) which the *Natives* call *Cale Auverree* chedee, i. e. *Stone Nil*, for it grows on *Stony Mountains*, has the same *Vertue* as the former, but is not so strong; the *blue Indigo* in *Cakes*, rubb'd on the *Pubes*, helps those to *Urine*, who have a stoppage of *Water*. S. B.

S. B. 206.
Breyn. pr. 2.
p. 41. 2. l. 3.
H. Leyd. 643.
Fig. Pluk. Tab.
173. Fig. 3.
Alm. Bot. 9. 1.

206. Arra dudda *Malab.*

Adhatoda Zeylanica, foliis *Laurinis* maximis. *Dictamno forte affinis*, *Indica* arborefcens *Lauri Americanæ* foliis f. *Ecbolium Zeylanicum* foliis *Laurinis* *Breyn. pr. 2. 41. 2. l. 3. Adhatoda Zeylanensium Muf. Zeyl. Ecbolium Græcis. Wapapala Malab. H. Leyd. app. 643. Fig. Pluk. Tab. 173. Fig. 3. Alm. Bot. 9. 1.*

Is about 6 or 8 foot high, and thick as ones wrist, the *Root* and *Bark* Cures *Astma*, *Cough* and *Fevers*, by drinking the *Decoction*: the *Natives* boyl the *Juice* in *Butter*, and give it both old *People* and *Children* for *Cough* and *Fevers*. S. B.

S. B. 207.
Park. 1636. c.
104. Fig. Acost.
286. c. 47.
Bont. 102. Fig.
Chabr. 8. Fig. 1.

207. Tammerten cheddee *Malab. Carambola.*

Carambola Malabarica fructu pentagono.

Carambolas Park. 1636. c. 104. Fig. Acosta 286. c. 47. Bont. 102. Fig.

Fig. *Chabr.* 8. Fig 1. *Clus.* Exot. 234. c. 15 and 286. c. 47. *IB.* V. 1. *Clus. exot* 234. c. 15. & 286. l. 1. 117. c. 6c. Fig. *id.* Pr. 4. c. 59. *Fragos.* 43. c. 13. *Garc.* 210. c. 47. *IB.* v. Ta. 1. l. 1. 117. c. 60. Fig. *id.* pr. 4. c. 59. *Fragos.* 43. c. 13. *Garc.* 215. c. 15. *Jonst.*

Carambólifera Malabarorum Jonst. *Dendr.* 5. Tab. 5. Fig. *Mala Goensia* fructu octangulari, Pomi vulgaris magnitudine *CB.* 433. 2. *Malus Indica* pomo anguloso *Carambolas* dicta *Ray* *H. Pl.* 1449. 6.

Tamara-tonga Malab. Carambola Bram. & Lusit. *Vyf hoeken Belg. Hort. Malab.* V. 3. Tab. 43, 44. p. 51. *Fol. Mal.* 167. 6. *id.* 433. 2. *Ray H. P.* 1449. 6. *limba Malaiis. Camaroch Persis.* *H. Mal.* v. 3. *Tab.* 43. p. 51.

This Fruit is 4 inches long, has 5 edges, is very fower, the Root, Bark and Fruit correct Cholera, but are not used by the Natives here for Fevers. S. B.

208. Coode cauvela *Malab.*

Atragalus Salawaccensis foliis & filiquis glabris. *Mus. Petiv.* 613. *Mus. Petiver* 613.

Is a foot or 2 high; A Decoction of the whole Plant helps digestion very much. S. B.

This chiefly differs from S. B. 84. in being smooth, that being hoary.

209. Maurel cheddee *Malab.*

Nucleifera Salawaccensis Pififormis, *Yucca folio Mus. Peti-* *S. B.* 209. *ver.* 661. *Aphodeli Indica* affinis, floribus hexapetalis spicatis *Mus. Petiver* 661. *Comel.* in *H. Mal.* V. 11. p. 83. *H. Mal.* v. xi. *Tab.* 42. p. 83.

Katu Kapel feu *Cadenaco* *H. Mal.* V. 11. Tab. 42. p. 83. *Fl. Mal.* 39. 1. *id.* *Fol.* 10. 2. 10. *Fl. Mal.* 39. 1. *id.* *fol.* 10. 2. 10.

I cannot conceive why *Dr Plukenet* should make this an Aloes, and more especially since he saw it here in Fruit.

It grows about 2 foot high, the Root as thick as ones Finger, yellowish red without, but white within, bites the tongue. Its Decoction cures the *Berberis* or *Dead Palsie*, the Juice of the Leaves cures the noise and pain in the Ears, the strings of the Leaves make very strong lines, they resemble those of *Semper-vive*, are smooth and spotted with a darker green, there are generally 5 from one Root, besides the Flowring stalk. S. B.

210. Turkey auverre *Kai cheddee Malab.*

Foenum Græcum majus, e *Saluacka* *Mus. Petiver.* 645. *S. B.* 210. *Is* 4 foot high, the Decoction of the whole Plant cures *Cough* *Mus. Petiver* 645. and *Astma*, they eat the Fruit parched. S. B.

211. *Vulerha Malab.*

Centaurium minus verticillatis floribus *Mal. raspat. Mus. Pet.* 369. *S. B.* 211. *The* 369. *Mus. Petiver*

The Natives sometimes give the powder of the whole Plant in Urine for *Pox*, *Rheumatism* and *Gonorrhœa*; it's likewise good if taken in Water. S. B.

212. Coattakai Malab.

S. B. 212.
H. Un. 40. Aët.
Phil. No 244. Aët. Phil. No 244. p. 332. 40.
P. 332. 40.

Ricinoides arborefcens *Madraspatana* Cotini foliis H. Un. 40.

Is 5 or 6 foot high, as thick as ones wrist, the Decoction of this in Water (but the Natives do it with *Butter*) cures *Hypochondriack Melancholy* and *Hysterick Passion*: the *Root*, *Bark*, *Leaves* and *Fruit* serve for nothing else, as the Natives say. S. B.

213. Aucashdammaree Malab.

S. B. 213.
Pluk. Tab. 207. Fig. 6.
Alm. Bot. 267. 8. Vesting. 45. Fig. H. Mal. v. 11. Tab. 32. p. 63. *Comel. in* p. 63. *Comel. in* H. Mal. v. 11. H. Mal. 240. 7. id. Fol. 60. 2. 27.

Stratiotes Madraspatana Sedi vulgaris folio.
Nymphaea minima Madraspatana, foliis alas *Papilionum* re-ferentibus Pluk. Tab. 207. Fig. 6. an *Stratiotes Egyptia* Diosco-ridis Vesting. 45. Fig. an *Kodda pail Malab. Zelo Bram. H. Mal. V. 11. Tab. 32. p. 63. Sedum Indicum* palustre, foliis latissimis crispis, floribus albicantibus pilosis *Comel. in H. Mal. V. 11. p. 64.*

This is a Water Plant, when fresh in a minutes time after 'tis chewed, bites the tongue and mouth: A Decoction of this presently cures *Fevers*, *Coughs*, *Astma's*, *Hecticks* and *Consumptions*, they generally add to it a few grains of *Pepper*, the *Flower* is white, consists of 4 small *Leaves*. Grows in *Ponds* and *Wells*, and is not fixt to the ground at bottom by any stalk that I could find. S. B.

It seems to be a Plant, swimming or floating on the Water, as the *Hort. Malab.* and *Veslingius* observes theirs to do, it may therefore be easily carried by the Wind or Current from one side of a Pond to the other, like our *Duck-meat*.

214. Nommenau maram Malab.

S. B. 214.
Grows about 30 foot high, and 8 or 10 inches diameter. The Natives beat the *Root*, *Leaves*, *Flowers*, *Bark* and *Fruit*, and press out the Juice, which they boyl in *Butter*, and give a spoonful of it for *Hectick*, *Consumptions* and *Cough*, with success; these people think *Butter* helps the *Vertue* of *Physick*, *Water* not. The *Flower* is a complication of many threads on a stalk, which soon fall off. S. B.

This pod exactly resembles the *Waga Madraspatan. Senæ foliis siliqua lata compressa ubi seminibus inflata* Mus. Petiver. 697. and Mr *Browns* description of the *Flowers* exactly agrees with it,

it, which makes me believe it the same; and if so, these *Walnut-like Leaves* must belong to another Tree. However, *Dr Plukenet* affirms them one, which if he can shew contiguous, I should be glad to see, viz. its Leaves with either Flower or Pod on the same Branch.

215. Punangunne Malab.

Perexil Madraspatana, foliis oppositis angustioribus Polygoni H. Un. 22. *Aff. Phil.* no 244. p. 323. 22. *Amarantoides Madraspatanum foliis angustis ex adverso binis, floribus ad nodos verticillatis* Pluk. Tab. 132. fig. 6. *Alm. Bot.* 27. 4. l. 10.

S. B. 215.
H. Un. 22.
Aff. Phil. No
244. p. 323. 22.
Pluk. Tab.
132. Fig 6.
Alm. Bot. 27.
4. l. 10.
H. Mal. v. 10.
Tab. xi. p. 21.

This resembles the *Coluppa Hort. Malab. V. 10. Tab. xi. p. 21.* but this takes not Root at every Joint as that does.

The juice of the Root put into the Eye, cures *Ophthalmia's* and pain, a Poultice of the Root, Branches and Leaves beaten and applied to the Eye is also good, the juice of the Leaves rubb'd on the Head takes away the pain, and stops defluxions of thin Rheum by the Nose. The Natives eat the boyld *Herb* for the same Distemper. S. B.

216. Caurai chedde Malab.

Lycium Salawaccense spinis binis disjunctis, nucleo gemino vel triquetro. an Baccifera Indica, flosculis ad foliorum exortum confertis, fructu dicocco Ray H. Pl. 1497. c. 17. *an Tsjerou Kara Malab. Canti & Bidani Gali Bram. Espinho Salfedo Lusit. Bitterdoorn Belg. H. Mal V. 5. Tab. 37. p. 73. Fl. Mal. 45. 2. id. Fol. 12. 1. 6.*

S. B. 216.
Ray H. Pl.
1497. c. 17.
H. Mal. v. 5.
Tab 37. p. 73.
Fl. Mal. 45. 2.
id. fol. 12. 1. 6.

If this were new, as *Dr Plukenet* asserts in his *Mantissa*, he would do well to let us know how it differs from his *Lycium Maderaspetanum Indici Alpino putati amulum, foliis minoribus biniugis & grandioribus aculeis horridum* Pluk. Tab. 97. Fig. 2. & *Alm. Bot.* 234. 8. l. 23.

Pluk. Tab. 97
Fig. 2.
Alm. Bot.

A low Bush about 2 foot high; the Natives cure the Bloody or any other Flux, by giving the Leaves fryed in Butter to eat, it also helps the *Tenasmus* and all Gripes: the Decoction of the Root does the same: They always use it alone. S. B.

218. Narracucha pillee Malab.

Gramen Filiceum Salawaccense, paniculis plurimis spicatum. A Decoction of this with a little *Pepper* cures intermitting Fevers. S. B.

S. B. 218.

219. Eltanee coondo Malab.

Eupatorium Salawaccense, Virga aurea folio. Is about 2 or 3 foot high; the Natives beat this and a few Corns of *Pepper* together, then strain the Juice, which they mix with Breast

S. B. 219

Breast Milk, and put a little into the *Nose*, cures the running of it. *S. B.*

220. *Parpauticum Malab.*

S. B. 220.
Pluk. Tab.
128. *Fig.* 3.
Alm. Bot. 21. 6.

Spergula Rofea multicaulis polyanthos e Madraspatan.
an Alfine Madraspat. Gallii foliis, flosculis communi pediculoter-
nis Pluk. Tab. 128. *Fig.* 3. *Alm. Bot.* 21. 6. *Dr Plukenet*, to
shew his fondness in multiplying species, will have this a *New*
Plant, and to differ from the above-mentioned of his, because its
stalk forsooth has changed colour, and he fancies this grows
propt up, and therefore in his *Mantissa* p. 9. he thinks himself
obliged to give it the 2 following names, that it may be known
from his other, *viz. Alfine Saxifraga Indiæ Orientalis, fo-*
liolis circa caulem radiatis, flore herbido & muscoso; seu Al-
sine Spergula muscosa Indiæ Orientalis, surrecta cauliculis
albicanibus. What colour the *Stalks* of his first were he menti-
ons not, but in these I am sure he is mistaken, for they are *yellow*,
not *whitish*, and therefore it may probably be still the same as
at first; and as for its growing *surrect*, (which signifies but
raised, set or lifted upright) I see no difference between them;
besides, it's hard to judge by a dry specimen whether it grew
along the ground, or was lifted up; but grant this nice posture
should make it distinct, I presume so small a peculiarity might not
require so long a title, but be distinguisht in fewer than 20
words, and those none of the shortest.

The *Decoction* is an excellent Medicine in *Hestick Fevers* and
Consumptions, the Powder mixt with equal weight of *Sugar*,
and taken a dram at a time, cures the *Cough* and *Astma* in a
short space. *S. B.*

221. *Mafia pattree Malab.*

S. B. 221.
Pluk. Tab. 15.
Fig. 1. *Alm.*
Bot. 50. 6.
H. Ox. S. 6.
p. 5. 2.
Pluk. Tab. 10.
Fig. 6. *Alm.*
Bot. 27. *Pl.*
ult. H. Mal. 7.
10. Tab. 45. p.
89. *Fl. Mal.* 13.
12. id. fol. 4.
1. 18.

Arthemisia Orientalis vulgaris facie.
Aribemisia Chinenfis cujus Mollugo Moxa dicitur Pluk. Tab. 15.
Fig. 1. *Alm. Bot.* 50. 6. *H. Ox. S.* 6. p. 5. 2. *Ambrosia* (forfan)
e China, Angurijæ foliis accedens Pluk. Tab. 10. *Fig.* 6. *Alm. Bot.*
27. pl. ult.
an Katu Tsjetti pu Hort. Malab. Vol. 10. *Tab.* 45. p. 89. *H.*
Malab. 13. 12. *id.* *Fol.* 4. 1. 18. *Ambrosiæ Malab. Artemisia fo-*
lio odoratissimo, floribus flavis Comel. in H. Mal. V. 10. p. 89.
Of these and the Leaves of *red Pepper* beat, the Natives make
Pills, which cure intermitting *Fevers*, for other things they use
it, which are needless to insert, for I take it to be, if not the
common, yet a species of *Mugwort*.

222. *Elipsee Maraum Malab.*

S. B. 222

Arbor Salawaccensis Lauri folio, fructu filo longo terminante, flore ex utriculo quasi erumente Mus. Petiver. 610.

Grows about 20 or 25 foot high, and sometimes 2 foot diameter. The Natives make Oyl of the Kernels by Expression, which cures the *Berberis* or *Palsie*, by anointing outwardly, and taking night and morning half a spoonful inwardly; 'tis very bitter; the grounds or *Magma* which remains of the Oyl cures the *Piles* by Fumigation: The *Bark* of this Tree (is very thick) bruised and put into Water, and set out all night in the Dew, and in the morning strained, cures the Running of the *Reins*, by taking a Cup night and morning for a few days: The *Flowers* are round, and do not open, but are hollow, which by pulling off the stalk makes a sort of figure like a *Nut-shell* with a hole in it, and a small crown opposite to the stalk, or hole, they are of a reddish yellow, smell sweet, and are a pleasant food, these boyl'd in Water and drank cures the *Heart-burn*. S. B.

223. *Varanna Mullee Malab.*

S. B. 223

Adbatoda Malabarica tetracantha H. Un. 13. *Aff. Phil. No.* 461. *Phil. No.* 244. p. 319. 13. *Lycium Indicum spinis quaternis ad singulorum foliorum ortum* Par. Bat. pr. 349. 5. l. 11. *Hort. Beaum.* 28. 3. *Eryngium Zeylanicum febrifugum floribus luteis* D. Herm. *Hort. Malab.* V. 9. p. 78. *Melampyro cognata Maderaspatana spinis horrida* Pluk. *Tab.* 119. Fig. 5. *Alm. Bot.* 245. pl. ult. *Coletta Veetla* Malab. *Gontua* Bram. *H. Mal.* V. 9. *Tab.* 41. p. 77. *Fl. Mal.* 174. 5. id. *Fol.* 44. 1. 21. *Kathu Kakarobiti* Zeyl. *Contasere* Zurrat. *Fig. 5. Fl. Mal.* 174. 5. id. *fol.* 44. 1. 21.

Grows a foot and half high: A Decoction of the whole Plant cures the *Dropsy*, *Ascites* and *Anasarca*, by provoking much Urine; a spoonful of the juice of the *Leaves* drank cures the *Thrush* or *Aphtha* (which the *Hort. Malab.* also confirms) it's also good in *Fevers*. S. B.

224. *Telle cootan Malab.*

S. B. 224

Carambu Unaneercoondica Persicariaefolio.
Lysimachia non papposa humilis Maderaspatana, Clinopodii Virgiani lutei foliis, fructu Caryophylloide parvo Pluk. *Tab.* 203. 1. *Fig. 5. Alm. Bot.* 226. 1.

Since which Dr Plukenet has thought it convenient to give it again as New in his *Mantissa* pag. 123. with the distinction of *Hyslopi foliis*, which makes me also believe it the same with his *Lysimachia spicata purpurea affinis Hyslopi foliis e Maderaspa-*

H. Mal. v. 2.
Tab. 49. p. 95.
Alm. Bot. 235.
14. 5. penult.
plant.

tan Pluk. Tab. 203. Fig. 6. So that I fear he has made 3 Plants of one, for of near a Thousand I have seen from about Fort St George, I have yet met with but this one that has any resemblance to all his 3; and that it may not also be suspected to be a 4th he has, he would be kind to shew the Caramba Hort. Malab. V. 2. Tab. 49. p. 95. which he gives us in his *Almagest. Bot. 235. plant. penult.*

This grows a Cubit high, consisting of many straight branches, which rises at the Root, which is a Finger thick: the Decoction of this the Natives give to those that have a Fever with a Gonorrhœa, and great sharpness of Urine, all which it quickly cures; the two following Plants the Natives say are akin to this, but I think not. S. B.

S. B. 225.

225. Chedde Cootan Malab.

Althea Unaneercoondica floribus parvis ex alis foliorum dense stipatis.

Dr Plukenet in his Mantissa makes this a Tree Betony; and if so, it's the only one I ever yet saw of 2 foot high that was not verticillated, but bore its cluster of Flowers on one pedicle, distant from the Stalk.

It grows in very hard ground, 2 foot high; the Decoction of this cures a Gonorrhœa when the Urine does not scald. S. B.

226. Cootan Malab.

S. B. 226.
Pluk. Tab.

Cuscuta baccifera Salawaccensis fructu coronato.

172. Fig. 2. an *Cuscuta baccifera* Barbadiensium a *Maritimis* Pluk. Tab. 172.
Alm. Bot. 126. Fig. 2. Alm. Bot. 126. 5. lin. 13. an *Cuscuta species crescens supra arbores & plantas* Comel. in H. Mal. V. 7. p. 84. an *Epithimum* Luzonis *Majus*. Malabohor *Manillensibus* Camel. Mfs. *descript. & delineatione.* Acatsja valli Malab. ceu *Mudila Tali* id. fol. 25. 2. *Malab. Medica Tali Bram. Ramos dasevi Lusit. Meervlecht wortel Belg.* H. Mal. V. 7. Tab. 44. p. 83. Fl. Mal. 100. 5. id. Fol. 25. 2. 17.

This I don't know what to term, it has no Root on the ground, but draws its nourishment from hair-like Roots, here and there inserted in the branches of the Trees it lies on; ground with Butter-milk, and a small Cup of it taken night and morning cures the violent scalding of Urine and Gonorrhœa. S. B.

We now proceed to the ANIMALS which I have received from several parts of INDIA, viz.

1. **S** *Tella Chinenfis perelegans, dupliciter radiata.* Gazophylac. S. B. 5. 1.
nost. Naturæ Tab. 4. Fig. 6. Gaz. nost. Nat. Tab. 4. Fig. 6.

This has 13 round joynted rays, near 3 inches long, not bigger than a *Packthead*; these on the under part are thick set with a hairy fringe, between each of these larger *radii* comes another much smaller, smooth, about an inch long, and not bigger than a pin. This and the next *Mr Sam. Brown* some time since procur'd me from *China*.

2. *Stella Chinenfis tetradaetylon, capite pulchre venoso.* S. B. 5. 2.

This has but 4 *rays*, which are like the last but shorter, viz. about 2 inches long, the head an inch broad, round, flat, and finely veined with reddish and white.

3. *Papilio Indiæ Orientalis permaximus nigrescens, micis caeruleis aspersis, subtus rubedine notatus.* S. B. 5. 3.

This is the largest *Butterfly* I have yet seen, being full 6 inches between the tip of each Wing. I take this and the next to be Male and Female.

4. *Papilio Ind. Orient permaximus, e nigredine alboque mixtus, humero rubro pernotato.* S. B. 5. 4.

This differs from the last, only in having a share of white on both sides its upper wings, and the Scarlet spot on the Shoulders are in this seen as well above as underneath. My curious Friend *Dr William Sherard* first gave me these *Butterflies*, I have since met with them in *Mr Goff's* Collection.

5. *Papilio Javanicus, subtus flavescens, venis nigris maculis miniaceis marginatus.* First brought me from *Batavia* by *Mr James Cuninghame*, since which my worthy Friend *Mr Edward Bulkley* sent it me from *Fort St George*. S. B. 5. 5.

6. *Papilio Madraspat, medius, e flavedine & fusco mixtus, litura caerulea insignitus.* Gazoph. nost. Natur. Tab. 4. Fig. 5. S. B. 5. 6.

This is a singular Fly, partly composed of yellow and brown, with a blue spot near the middle of each lower Wing towards the Shoulder. Gaz. n. Nat. Tab. 4 Fig. 3.

7. *Papilio Ind. Orient. nigrescens, maculis pallidis umbra caeruleascente aspersis.* S. B. 5. 7.

8. *Papilio Ind. Orient. fuscus major, caeruleo notatus, subtus nœvius, bimaculatus.* S. B. 5. 8.

Y y y y y

9. Papi-

S. B. 5. 9. 9. *Papilio* Ind. Orient. *medius, carulescentibus maculis, sub-*
tus nœvinus.

These 3 last came in *Mr Goff's Collections*, and they are the only ones I have as yet seen.

S. B. 5. 10. 10. *Papilio* Malaccensis *fuscus, subtus nœvinus, margine ocu-*
lato. Mr James Cuninghame caught this July 4. A. D. 1700. near Pulo Saya beyond Banca. I met with it also amongst Mr Goff's *Insects.*

S. B. 5. 11. 11. *Phalena* Ind. Orient. *minor fusca, maculis ex-albo-caru-*
lescente variantibus.

S. B. 5. 12. 12. *Phalena* Ind. Orient. *minor albicans, guttulis sanguineis*
Gaz. u. Nat. *& nigris pulchre aspersis.* Gazoph. nosl. Naturæ Tab. 3. Fig. 3.
Tab. 3. Fig. 3.

I am also beholden to Mr Goff for these 2 beautiful Flies; I remember to have seen this last amongst Mr Charlton's most Curious Collection of *Insects.*

S. B. 5. 13. 13. *Buccinum* Bengalense an *fluviatile ovale, columella tri-*
dentata, ore angusto

List. Hist. This seems pretty well to resemble the *Buccinum quatuor or-*
Conch. Lib. 1. *bium valde crassum & ponderosum 2 dentibus ad columella, ore*
Tab 32. Fig. 30. *admodum longo & angusto* Litt. Hist: Conchyl. Lib. 1. Tab. 32.
Fig. 30.

I first receiv'd this from the Bay of Bengale, and since that from *Batavia.*

S. B. 5. 14. 14. *Nerita* Javanica *nigrescens monogyros.* an List. Hist.
List. H. C. 2. *Conch* Lib. 2. Fig. 37. Tab. 143. This very well resembles Dr
Tab. 143. Fig. 37. *Listers Figure*, and seems to be a *Rivèr shell.*

S. B. 5. 15. 15. *Mytilus* Malaccensis, *striis crassis verrucosis.* an *Pectun-*
List. H. C. 13. *culus striis magnis & muricatis donatus* List. Hist. Conch. L. 3.
Tab. 241. Fig. 78. *Tab. 241. Fig. 78.*

The largest of these I have yet met with exceed not Dr *Listers Figure*, viz. 1 inch $\frac{3}{4}$ long, of which the long-notch hinge takes up 1 and $\frac{1}{4}$, it's just one inch over. I have had this Shell from *Malacca, Batavia* and *Emuy*; Mr *Colwill, Surgeon*, hath also lately brought it me from *Pulo Verara.*

S. B. 5. 16. 16. *Tridacna* Ind. Oriental. *ponderosissima & crassa imbricata.*
Aldr. Bon. Test. 446 & 7. Fig. id. Franc. 152.
Tab. xi. Fig. 2, 3. *Concha Tridachnes* Jonst. Amst. Test. Tab. 13.
Franc. 152. *Concha maxima marmorea imbricata* Col. Obs. 29. c. 14. Fig. 12.
Tab xi. Fig. 2. 3. *The great waved Muscle Mus: Reg. Soc. 14 7. 3.*

For Bulk, Weight and Thickness it's the largest Shell I ever saw. Mr Charlton has a pair of these, which weigh near a hundred.

dred pounds. My Curious Friend Mr Sylvanus Landon brought me one of them from the East-Indies.

Aldrovand says it's call'd Tridacna, because the Fish is not to be eat under less than 3 mouthfuls, it has indeed but a small cavity, considering the largeness of the Shell.

17. *Tridacna* Indiae Orient. *triquetra, crassa, striata*. Concha Indica Bonan. 109. Fig. 81, 82. *Pectunculus major variegatus, profundo sinu conspicuus* List. H. Conch. L. 3. Fig. 187 & 8. Tab. 349 & 50. The Figures of the whole Shell in these 2 Authors are too stiffly represented, but the single Valve pretty well resembles it. Each large ridge is streakt with red, between which are always 2 smaller. The forefaid Mr Landon brought me this from the Island of Princes.

S. B. 5. 17.
Bon. 109. Fig. 81. List. H. C. l. 3. Fig. 187.
8. Tab. 349.

18. *Balanus* Chinenfis *cristatus*, Gazophyl. nost. Naturæ Tab. 6. Fig. 10. an *Balanus* Rondelet. aq. 28. c. 29. Fig. *Balanus* marina Jonst. Amst. aq. Tab. 15. Fig. 12. *Glans de Mer* Rond. aq. Gall. 21. c. 25. Fig. The first I ever saw Mr James Cuninghame brought from China, and gave it to our worthy Friend Dr Grey, since which he hath sent it me from Chusan, an Island near Liampo in China.

S. B. 5. 18.
Rond. aq. 28. c. 29. Fig. id.
Gal. 21. c. 25. Fig.
Jonst. Amst. aq. Tab. 15. Fig. 12.

19. *Cochlea* Ind. Orient. *cinerea, lineis subrufis undatis*. an *Cochlea albida crebris lineis subrufis transversim & undatim ductis depicta*. List. H. C. l. 4. S. 5. Tab. 559. Fig. 1.

S. B. 5. 19.
List. H. C. l. 4. s. 5. Tab. 559. Fig. 1.

My worthy Friend Mr Walter Keir, Surgeon, observed this elegant Shell on the Coasts of India towards China.

20. *Cochlea* Bengalensis *alba, punctis fuscis*. an *Cochlea clavica compressa, punctis rufis dense depicta* List. H. C. l. 4. S. 5. Tab. 564. Fig. 11.

S. B. 5. 20.

I first received this from Bengale, and since from Malacca, Pulo Verara and Emuy.

21. *Cochlea* Emuyaca. *orbibus elatis, pulchre granulosis*. an *Cochlea striata & muricata* List. H. C. l. 4. S. 5. Tab. 575.

S. B. 5. 21.

The fasciæ of these are flat and smaller, granulated then the next.

22. *Cochlea* Emuyaca *granulosa, ore serrato*. This is properly distinguisht from others by its serrated mouth, which standing below the upper edge makes it seem a double Shell. Mr James Cuninghame, Surgeon, observed this and the last on the Island Emuy on the Coast of China.

S. B. 5. 22.

23. *Cochlea* Malaccensis *fasciis maculatis elatis*. an *Cochlea subviridis maculosa, striata, umbilicata* List. H. C. l. 4. S. 5. Tab. 586. Fig. 45.

S. B. 5. 23.
List. H. C. l. 4. s. 5. Tab. 586. Fig. 45.

This Shell hath a small Navel, the inside Pearly, its *fasciæ* are thick set, spotted, and in some finely striated crossways, they are alternately big and less. Mr Charles Perry, Surgeon, brought me these amongst a Collection he made me in the *East-Indies*. I have observed one much larger from *Malacca*.

S. B. 5. 24.
Gaz. N. Nat.
Tab. 4. Fig. 10.

24. *Cochlea Bengalensis* ore lacerato, capite sinuoso. *Gazoph. noft. Nat. Tab. 4. Fig. 10.* an *Cochlea compressa fusca, fasciata, brevior. sinu longo ad rostrum notabili* *Lift. H. C. L. 4. S. 5. Tab. 577. Fig. 32.* an *Bonan. 167. Fig. 385.*

This is very remarkable for its ragged mouth and notch in the head. Mr Stocker brought me this from the Bay of *Bengale*, with a few other uncommon Shells.

S. B. 5. 25.
Lift. H. C. l. 4.
f. 6. Tab. 596.
Fig. 6.

25. *Nerita Malaccensis, nigris striis leviter fasciatus.* an *Nerita nigricans leviter sulcatus, clavicula parum compressa, multis & exiguis dentibus, ad labrum admodum paucis brevibus & acutis ad columellam* *Lift. H. C. l. 4. S. 6. Tab. 596. Fig. 6.*

The fasciated ribs of this are black, and the interstices Horn or Amber colour. Found on the Shoars of *Malacca* and *Emuy* by Mr James Cuninghame.

S. B. 5. 26.
Lift. H. C. l. 4.
Sect. 6. Tab.
596. Fig. 4.

26. *Nerita Verara, ex albo-nigroque fasciatus, labro verrucoso.* an *Nerita admodum tenuis & levis, raris & profundis sulcis donatus iisque nigris, ipsa clavicula flavescente, 2 tribusve brevibus dentibus ad columellam, ad labrum omnino edentulus* *Lift. H. C. l. 4. S. 6. Tab. 596. Fig. 4.*

This and the next were brought me from *Pulo Verara* by my kind Friend Mr Colvil, Surgeon.

S. B. 5. 27.
Lift. H. C. l. 4.
S. 6. Tab. 598.
Fig. 11.

27. *Nerita Verara, ex albo nigroque fasciatus clavicula compressa.* an *Nerita magnus tenuiter striatus, ipsa clavicula & ore interno citrino* *Lift. H. C. l. 4. S. 6. Tab. 598. Fig. 11.* This differs from the last in having its clavicle Flat.

S. B. 5. 28.
Lift. H. C. l. 4.

28. *Trochus ingens ex albo rubroque undatus, ex Insula Priacipis.*

l. 8 Tab. 617.

Trochus pyramidalis maximus, late radiatus ex rubro *Lift. H. C. l. 4. Sect. 8. Tab. 617. Fig. 3.* *Trochus magnus & auritus* *Bon. Fig. 3. Bon. 125.*

Fig. 102. Col.

Purp. 14. c. 3.

Fig. 16. Aldr.

Bon. Test 363.

Fig. id. Francos.

Tab. 8. p. 122.

Fig. Jonst.

Amst. 49.

Tab. xi Mus.

Reg. Soc. 131. 1.

Turbo exoticus umbilicatus *Col. de Purp. 14. c. 3. Fig. 16. Aldr. Fig. 16.* *Trochus alter pyramidalis* *Aldr. Bon. Test. 363. Fig. id. Bon. Test 363. Francos. Tab. 8. p. 122. Fig. Trochus pyramidalis* *Jonst. Amst. Fig. id. Francos. Aq. exang. Tab. xi. an Trochus or the short Whirl Mus. Reg. Soc. 133. 1.* This is one of the largest Shells of this Family I have yet seen, its base being between 4 and 5 inches over. Mr Sylvanus Landon first brought it me from the *Island of Princes*, and

I have since received it from *Pulo Verara*, an *Island* in the *Straits* of *Malacca*.

29. *Trochus Malaccensis orbibus muricatis.* S. B. 5. 29.
Found in the *Straits* of *Malacca* by Mr *James Cuninghame*.

30. *Trochus Benghalensis clavicula longissima.* S. B. 5. 20.
Trochus pyramidalis fuscus, striatus, clavicula valde producta List. H. C. l. 4.
List. H. C. l. 4. S. 8. Tab. 624. Fig. 10. *Strombus admodum pro-* S. 8. Tab. 624.
ductus decorticatus, colore margaritifera, transversis sulcibus cor- Fig. 10. Bon.
rugatus Bon. p. 124. Fig. 92. 124. Fig. 92.

This is a peculiar *Trochus*, and the longest I have seen, being above 2 inches long, and but one at the base. Its Figures do very well resemble it. I received it first from *Bengale*, and since from *Batavia*.

31. *Trochus Batavicus compressus perelegans, umbilico serrato* S. B. 5. 31.
tortili. Trochus planior maculatus, umbilico leviter dentato le. List. H. C. l. 4.
List. H. C. l. 4. S. 8. Tab. 636. Fig. 24. *Trochus centro late* S. 8. Tab. 636.
concavo, or the Concave short Whirle Mus. Regal. Soc. p. 133. 7. Fig. 24. Bon.
Tab. xi. Fig. d. and u. Bon. 116. Fig. 27 and 8. where it is ele- 116. Fig. 27 &
gantly express. 8. Mus. Regal. Soc. 133. 7.
Tab. 11.

This is a very curious Shell, and as singular for its flatness as the last was for its length; I have them from several parts of *India*.

32. *Trochus Micowaicus granulofus, ex rubro late undatus.* S. B. 5. 32.
an *Trochus pyramidalis brevior, ex rubro undatim virgatus, ca-* List. H. C. l. 4.
terum subcaruleus, striis majusculis nodosis valde asper. List. H. S. 8. Tab. 632.
C. l. 4. S. 8. Tab. 632. Fig. 19. Fig. 19.

This has a granulated superficies, no bigger than *Poppy-seed*, it's equally waved with red and greenish, its base hollow, an inch over, and its height much the same. Mr *Charles Dell* first brought me this from the *Island Micowabi*, and I have since received it from *Batavia*.

33. *Concha Veneris Michowaica, typis quasi Hebraicis deline-* S. B. 5. 33.
ata. Concha Veneris ponderosa, longiuscula & angustior, ven- List. H. C. l. 4.
tre subplano albicante, lateribus crebris maculis nigricantibus iis- 9. Tab. 658.
que mediocribus distinctis, dorso velut characteribus quibusdam Fig. 3.
depicta List. H. C. l. 4. Sect. 9. Tab. 658. Fig. 3. the Hebrew
Cowrie.

I have received this from *Micowabi, Pulo Verara, Fort St George*, and other places in the *East Indies*; Mr *Barckley, Surgeon*, brought it me also from *Madagascar*. These Shells differ very much, both in respect to their *magnitude* and *colour*, some being

being clouded with dark *Fascia*, others have a pale list the length of the Shell on one side, with whitish spots interperst amongst the Characters. The length of the largest I have met with has been 4 inches, and 2 the least.

S. B. 5. 34. 34. *Concha Veneris* Madagascara *albescens, oblonga, lincolis punctata, extremitatibus croceis.* *Concha Veneris cinerea, ventre candido, utroque capite croceo, dorso nigris lineolis & auris depicta* List. H. C. l. 4. S. 9. Tab. 660. Fig. 4.

Mr Sylvanus Landon brought me this first from the Island of Princes, and Mr Edward Bulkley hath since sent it me from Fort St George; but our worthy Patron Dr Lister hath long since had them from Madagascar and the *Maurushia's*.

S. B. 5. 35. 35. *Concha Veneris* Emuyaca *albida minor, levis, circulo croceo Gazoph.* *nost. Nat. Tab. 6. Fig. 8. Concha Veneris 4. Rond. aquatil. 102. c. 37. Fig. id Gallic. 68. Fig. c. 31. Aldr. Bon. Test. 555. Fig. id. Francof. 181. Tab. 17. Fig. 16. descript. p. 183. col. 1. lin. 41.*

This differs from the *Guinea Gowrie* *Mus. nost. 19.* in being smooth, and having a lustron circle. The references therefore to *Rondeletius* (whose *Figure* and *description* agrees very well with this) ought there to be left out, for I had not then seen this Shell.

S. B. 5. 36. 36. *Percus* Batavicus *minor quin-dentibus dextris.* an *Buccinum* *Percicum parvum, sublividum, leviter ex fusco fasciatum* List. H. C. l. 4. S. xi. Tab. 803. Fig. 11.

This agrees with *Dr Lister's Figure* in shape and bigness.

S. B. 5. 37. 37. *Buccinum* Emuyacum *parvum, fasciis striatis & nodosis.* These are about an inch and $\frac{1}{2}$ long, and $\frac{1}{4}$ broad, some of these have Teeth deep within the Mouth, others on the Lips, and some none at all.

S. B. 5. 38. 38. *Murex* Orientalis, *aculeis plurimis longissimis.* *Purpura echinata Imperati Ital. Fig. 686. desc. 679. 4. lin. 31.*

Imp. Fig. 686. *Purpura clavata* five *Murex* parvus *rostratus Col. Obs. ag. Fig. 60.*

31. Col. obr. *Purpura altera muricata* five *Murex* rostratus parvus *Ejusd. 64.*

ag. Fig. 60. c. 33. *Purpura aculeis plicatis longissimis, or the Purple Wink*

desc. 64. c. 33. with long plated spikes *Mus. Regal. Soc. 129. 2. lin. 9.*

Olear. Tab. 29. *Buccinum ampullaceum rostratum striatum, triplice ordine*

Fig. 1. *Mus. muricicum exasperatum* List. H. C. l. 4. Sect. 13. Tab. 902. Fig.

Reg. f. 129. 3. lin. 9. List.

H. C. 4. f. 133. 22. *Buccinum ampullaceum fuscum rostratum striatum triplicior-*

Tab. 902. Fig. 22. *dine muricicum exasperatum, apice mediocriter producto* *Mus. Sib-*

Mus. Sibb. 154. bald.

bald. 154. 1. lin. 5. an *Purpura aculeata seu Istrix marina Bonan.* 1. l. 5. Bon. 150. Fig. 269. *Sconcglio ipinosa Neapolitanis.*

Columna's Figure (most particularly) and the rest, give that resemblance of the Shell, that is not easily to be express'd in words.

I have had this elegant Shell from 2 or 3 places in the *East Indies*, viz. *Malacca, Pulo Verara, &c.*

39. *Oxyrynchus* *Baravicus castaneus, fasciis albis, columella dentata.*

This is an inch and $\frac{1}{2}$ long and $\frac{1}{2}$ inch thick, of a Chestnut colour, with three white girdles in the middle part, each end is pointed, and the columella or right lip is furrowed, its mouth $\frac{3}{4}$ long, and not a $\frac{1}{4}$ wide.

40. *Murex* *Micowaicus rostro canulato fasciatus, plicis elatis rugosis.* an *Buccinum rostratum labro duplicato, ipso ore exiguo.* 14. Tab. 948. *rotundo, senis plicaturis striatis descriptum* List. H. C. 1. 4. *Sett.* Fig. 43. S. B. 5. 40. List. H. C. 1. 4.

14. Tab. 948. Fig. 43.

Mr Charles Dell brought me this first from *Micowahi*, and *Mr Edward Bulkley* hath since sent it me from *Fort St George*.

41. *Bu-cochlea* *Micowaica, umbilicata, maculis subflavis, gyris alte incis.* S. B. 5. 41.

42. *Unicornu* *Bengalense, cancellatum, ore rotundo.* S. B. 5. 42.

About 2 inches long, and at the head one broad, it's composed of about 8 twirls, which are lattic'd, i. e. both striated and fasciated.

I have receiv'd this both from *Bengale* and *Batavia*.