Baron Jacquin and the Schön Brunn Gardens.

(S. Garside traces origin and history devel- opment of the gardens under the Jacquins up to 1839 and their connections with South African botany.).

See-- Journal of South African Botany, July 1942 (pp. 201-224).

PLANTARUM RARIORUM

HORTI CÆSAREI SCHOENBRUNNENSIS

DESCRIPTIONES ET ICONES

OPERA ET SUMPTIBUS

NICOLAI JOSEPHI JACQUIN.

VOL. I.

(154)

PROSTANT VIENNAE APUD C. F. WAPPLER; LONDINI APUD B. ET J. WHITE; LUGDUNI BATAVORUM APUD S. ET J. LUCHTMANS.

1797.

AUGUSTISSIMO

FRANCISCO SECUNDO

ROMANORUM IMPERATORI;

HUNGARIAE, BOHEMIAE REGI;

ARCHIDUCI AUSTRIAE, &c. &c.

SUBMISSISSIME DICAT

SUBDITUS FIDELISSIMUS

NICOLAUS JOSEPHUS JACQUIN.

P R Æ F A T I O.

Annus poſt inchoatum hoc opus vertitur jam tertius et decimus. Poſt tantum temporis intercapedinem rem eo demum deduxi, ut poſſim nunc ducentas et quinquaginta tabulas, duobus voluminibus comprehenſas, conjunctim in publicum proferre. Plurimas interea plantas, quæ verius ad hoc opus pertinuiſſent, Iconibus meis rarioribus immiſſas, ſucceſſive edidi, ita agere coactus, ut expenſarum, quibus tantis faciendis par alioquin non fuiſſem, ſingulis annis rediret pars aliqua, eadem in uſus denuo impendenda; tum etiam ut ne opus hoc in nimiam excreſceret molem.

Sponte patet, potuiſſe, imo in tanto ſcriptorum botanicorum hodiernorum numero debuiſſe fieri, ut vel jam a principio novæ ſtirpes ſculperentur cum additis a me nominibus ſuis, coloratæque impreſſæ, quas deinde ab aliis Botanicis cum aliis titulis publicatas vidimus; ſed hunc caſum nec tunc antevertere, nec modo corrigere niſi cum ingenti damno meo potui; ſed accidiſſe illum, opinor, rariſſime. Poſt unum alterumve annum volumen tertium et ultimum ſequetur, non minus ſtirpibus ſelectis conſpicuum, quas inter Muſæ erunt, Caricæ, Rhois, Mimoſæ, aliæque novæ. Uti Horti botanici Vindobonenſis et Floræ Auſtriacæ, ſic hujus etiam operis exemplaria ſola centum et ſexaginta duo impreſſa ſunt, numeris ſuis inſignita ſingula; nec plura, tabulis deletis, imprimentur. Tandem totius Horti index in forma octava prodibit; ubi error, ſi quis ante commiſſus fuit, emendabitur, et ſynonyma recentiorum cognita adducentur. Nam in hoc opere ſynonyma illuſtris L'Heritieri auctorumque Hiſpanorum noviſſima omiſi; cum ob temporum noſtrorum difficultatem et commercium hinc interruptum, nullum huc usque illorum operum exemplar, primas ſi excipias ſtirpium novarum L'Heritieri tabulas, Viennæ reperire eſt; nec citare volui ullum niſi ab ipſo me conſultum. Omnis mea deſcriptio ſtirpium cultarum eſt; quarum etiam ſtaturam et altitudinem indicari oportere exiſtimavi, ut de earundem apud nos vegetatione judicium fieri poſſet. Ubi nullam fructus mentionem feci, hunc ignoravi. Nunc horti ab origine hiſtoriam ſubjungo.

Anno 1753 auguſtiſſimus Franciſcus, Imperator hoc nomine primus, agrum frutetoſum fereque neglectum, ad occaſum horto aulico Schoenbrunnenſi adjacentem, eundemque a pago Hitzing dirimentem, mutare decreverat in hortum proprium, tam fructibus obtinendis præcocibus, quam alendis plantis exoticis accommodatum. In hunc finem, illuſtris Swietenii conſilio, Adrianum Steckhoven, floriſtam Lugduno-batavum tunc temporis celebrem, Viennam arceſſi juſſit, quo dirigente

ut terrenum mundatum eſt, exſtructa plura caldaria fuerunt, tepidarium vaſtum ſplendidumque et reliqua huc facientia ædificia. Interea, dum iſta agebantur alacriter, Richardus van der Schot [illegible] aparuit. Et ſic intra exiguum tempus hortus exſurrexit unus jam ex parte ſpectabilis

[illegible] Europam via erat brevior et deportationis occaſio frequentior magisque commoda, tum quod ut plu[illegible] merito dicas, tam feliciter translatæ, ut in toto itinere perierit nulla, ſi [illegible] [illegible] unt exoticæ. Haud facile hujusmodi transportatio botanica locum habuit antea [illegible] craſſitudinis, quæ pleræque in patria jam tulerant fructum. Coma erat illis truncata, relictis tamen ramis primariis bipedalibus. Arbuſculæ minores manſerant integræ. Utræque ſic effodiebantur per foſſas circulares circumactas, ut globus terræ nativæ amplus radicibus, quantum fieri po[illegible] illæſa adhæreſceret. Hic globus obvolvebatur denſe tegmine ex multiplicatis Muſæ foliis, [illegible] ſtringebatur novis Hibiſci tiliacei corticibus, funium loco arctiſſime circa globum contractis atque rete nexis. Sic nulla excidere terra poterat, ſtirpesque per intervalla parcius irrorata, liberoque aëri in caſſis apertis expoſitæ, pergebant vegetare. Unica ſic ſæpe arbor centum et ultra pondo pendebat. Tum ut ne motus terram concuteret, radiculasque ex ſitu ſuo deturbaret, ex [illegible] imponendæ navi, in Europam rediturae. Maſſilia iterum per mare mittebantur Liburnum, atque hinc Viennam usque geſtabantur a mulis. Tertiam collectionem menſe Auguſto 1756. ex inſula [illegible] Martinica tranſiit Maſſiliam quarta. Quinta curam commiſſi Joſepho Aix Veſuntino, qui a Caracas menſe Martio 1757. ſolvit, Amſtelodamum feliciter appulit, ex itinere autem per Germa[illegible]

[illegible] leporis et ſimilibus, quæ adhucdum ornamentum cedunt gazophylacio cæſareo, et quorum aliquot acceptos referebam huic juveni, egregie mirantur. Menſe Auguſto [illegible] ex eadem inſula ad eundem Hollandiæ portum ſequebatur ſexta. Ipſe cum comite Ferdinando de Barcelli ex Havana anno 1759. menſe Januario ad Hiſpaniæ portum Ferrol ſeptimam deportavi, Viennamque Julio reverſus ſum. Maxime hæc abundabat variis generis animalibus. Ab A[illegible]

[illegible]

[illegible] quæ plantarum rariorum apud exteros facta, novis hoſpitibus [illegible]

[illegible] qui anno 1760. obiit, damnum irreparabile horto acceſſit. Hortulano enim ex podagra, [illegible] hebdomades ſæpe ſolidas domi retento et rarius hortum inviſente, plurima negligentius agi et à ſociis et ab operariis. Sic dum ille qui majoris caldarii curam gerebat, ob omiſſam [illegible] noctu calefactionem, illatum plantis detrimentum ingenti et ſubitaneo inſtructo nunc foco ſarcire ſatagebat, factum hac extrema ſæva frigoris et immenſi caloris repentina viciſſi[illegible]

[illegible] diffuſa jam viginti pedes alta foliisque ornata diametri bipedalis. Defun[illegible] anno ſecundo tunc reginæ ſucceſſor datus, et omnium hortorum Schönbrunnenſium præfectus ſtatu[illegible]

Nunc Cæſar horti inſtaurandi cupiditate motus, primo vere ejuſdem anni mihi in mandatis [illegible] legum conſenſu propoſuimus communi Carolum Haydinger, in gazophylacio mineralogico Cæſa[illegible] [illegible] rationem notumque devolvebatur, quo mox ſuaviebat iter eruditum circum [illegible]rum totum globum, Cookiano æmulum, quale futurum monili literarii publici produ[illegible] Ma[illegible] Franciſcum Joſephum Marter, in collegio Thereſiano Hiſtoriam naturalem docentem, ſocietatis peregrinantium directorem deſignavit, quo audito, egregius Haydinger ſtatim iter declinavit. Optimum dein pictorem N. [illegible] Moll alterumque hortulanum ſocium Schönbrunnenſem Franciſcum Bredemeyer adjunxit. Sic dum hæc res ab illuſtri viro ag[illegible]

ſerio, utrinque tractabantur cum Bolzio, navis Indicæ præfecto, Viennæ tunc morante, cumque [illegible] liis, fere annus integrum conſumptus fuit. Felix autem menſe Februario anni 1783. adlatæ Tergeſto Viennam fuerunt plures ciſtæ, arboribus rariſſimis ſeminibusque onuſtæ, quas Illuſ [illegible] propria navi in Europam rediturae tradiderat, transvehendas ad Cæſarem. Fecere omnes ar- [illegible] ſcopum. Itaque tandem ſub finem menſis Aprilis ejusdem anni Viennâ diſceſſerunt, et ſoluta ex Portu Gratiæ (Havre de Grace) anchora, Philadelphiam Septembri advenerunt [illegible]

Cum hinc ad diverſas provincias, nec omnes ad easdem, nec eadem tempore, [illegible] Boos per mare a directore Märter miſſi in Carolinam auſtralem fuerunt ad hujus me- [illegible] Schöpf, qui Philadelphiæ ſub finem Novembris 1783. relicta per Virginiam Carolinamque ſeptentrionalem iter terra inſtituit. circa medium Januarium 784. urbem Charleſt [illegible] Ex hoc Martii ſequentis principio per mare director cum hortulano Boos ſe contu [illegible] e ex Carolina in Providentiam etiam celeberrimus Schöpf comes fuit. Proxim [illegible] reverſus. Hortulanus Boos, octo menſium ſpatio [illegible] as collectas plantas ſecum in Carolinam Novem [illegible] pictatum ſtirpibus carolinenſibus theſaurum vegetabilem ſumo Septembri 1785. [illegible] duxit. Interea pictor a Moll Octobri 1784. et Medicus Stupicz Martio 1785 [illegible] ſſi ſunt. Director, nunc ſolus, in inſulam ſan Domingo [illegible]

Propterea Cæſar hortulanum Bredemeyer modo redeuntem, alterumque novum hortulanum Joſephum Schücht, juſſit pergere ad Antillas, ut directori Märter ſeſe jungerent. Sub finem [illegible] ſunt. Nihil autem hic de directore inaudientes Auguſto navigarunt ad urbem Promontorii G[illegible] (Cap François in San Domingo, quo ſex ante hebdomades ja[illegible] rio 1786 una cum ſocio ſuo Schücht iterum ad hanc inſulam reverti director juſſit, atque hinc traj[illegible] ad portum La Guayra, unius diei itinere ab urbe Caracas diſtantem, quam Martio attigerunt [illegible] ſub finem Septembris 1788 advenit, plantas exoticas variasque plures adferens. Tandem memorati duo hortulani, poſteaquam in interiores Pariæ regiones ad diſtantiam centum et ultra milliarium ab

v

urbe Caracas et ad ostium fluminis Orenoco usque excurrisset, anno 1 ... ex La Guayra profe-
ctus, in insulam Cura[illegible] ... [illegible] ... om spectabi[illegible]

[illegible] ... hortulum Boos Cæsar mener ... ab illustr ... [illegible] ... Ingens erat ... [illegible] ... fere om[illegible]

[illegible]

Ipm ... [illegible] ... alterque ... [illegible]

... Franciscus ... [illegible] ... ortum palatii fuit in quo pometa sunt ... [illegible] ... ificum illud frigidarium fornicatum pro citris malisque aureis ... forte Europaeorum maximum, ... [illegible]

[illegible] *mendi modo, ſed etiam adeug* [illegible] *rectionem idonea. In hunc ſ* [illegible] *e van der Schot, defuncti Richardi f* [illegible] *coacti fuerunt hortulum linquere totum, et poſt annum re ſecta ex Hiſpania* [illegible]

[illegible] *nimiopere imperfectus, ſi in hunc diem edidiſſem, plurimarum enim ſtirpium ſi* [illegible] *miſſorum pictorum autographi non inveniebantur, quorum ſoli numeri ſtabant ſu* [illegible]

Poſtea quam 1792. Imperator Leopoldus e vivis exceſſit, Auguſtiſſimus Franc [illegible] *a Cæſare ſuo tempore regno ſui difficillimo, quanta ab illo temporibus exſpectanda* [illegible]

Haud ab re fore, exiſtimo, ſi hic illorum etiam virorum meminero, quorum [illegible]

[illegible] ſplendore. Sui nati [illegible]

[illegible] in profectus. Hujus eximii [illegible] anno [illegible] eſt Joannes Schorf. Jam a puero ille in [illegible] e autem parietes obduci ſolent, operam locavit, ubi progreſſus brevi fecit tantos, ut primas [illegible] Nunc picturæ ſe totum dedit, artemque ab elementis didicit. Sic rudiorum ad [illegible] vita fuiſſet [illegible] abreptus. Pinxit ille autem reliquas Iconum [illegible] in pingendo progreſſus fecit, et reliquas fere omnes hujus operis Iconas abſol[illegible] ſe, quorum ſila tracta, qui ſibi faciat, quos velit dirigitque pro [illegible] ſuo. Sic hæc res nunc ſponte procedit. Sculptores omnino multos habeo, quos inter ex [illegible] et Ignatius Albrecht.

Huic hiſtoriæ finem impoſiturus, non poſſum non redire ad indicem miſſum ab illuſtri [illegible] hic eundem ſubjungo, lingua ſcriptum gallica, nihilque mutatum. [illegible] nunc vocat eorum numerum tranſmiſſorum. Nomen botanicum, parentheſibus ſeu circulis incluſum, ex conjectura mea eſt, nullum enim auctor indici addidit.

[illegible]

ayant en eſt petit. [illegible]

[illegible] connoiſſe. Il en eſt de même pour la forme. [illegible]

[illegible]

atre ans. On petit [illegible]

[illegible]

paliſſades, et des planches. Il [illegible]

[illegible]

eſt une reſſource [illegible]

ſe mange en bouillie, grillée ou bouillie. Le fruit [illegible]

tre vingt et cent livres. Il vient de la côte de Malabar [illegible]

3. Ravenne Sara (*Agathophyllum Juſſ*). C[illegible] arbre à épiceries de Madagaſcar [illegible]

te, et rapporte ſans beaucoup de [illegible]

[illegible]

4. Cannellière (*Laurus Cinnamomum*). Celui de Ceylan eſt avec raiſon le ſeul, que nous co[illegible]

[illegible]

[illegible] usage en medicine et a bien des propriétés [illegible]

4. **Carambolliers** (*Averrhoa*). *Les Carambolliers aigres et doux de la côte* [illegible]

[illegible]

juteux et rafraichiſſant. Celui du Carambollier doux eſt délicieux.

5. [illegible]

Il eſt uniſexe. Son fruit de couleur violette et de la groſſeur d'une pomme [illegible]

[illegible] *on en fait un excellent ſyrop, qui eſt très rafraichiſſa*[illegible]

4. [illegible]

bre, vient grand, et eſt toujours verd. Il eſt uniſexe. Son fruit eſt une mure verte, longue d'en-viron de quatre pouces. Cet arbre vient fa[illegible]

4. [illegible]

[illegible] *n'a pas encore cherché à le multiplier. Il eſt uniſexe, et fleurit annuelle*[illegible]

[illegible]

4. [illegible]

Il vient ſans difficulté, et multiplie facilement. D'une touffe on en peut faire cent autres

4. **Buis de Chine ou faux Buis** (*Limonia trifoliata*). *C'eſt un fort bel arbre* [illegible]

Il croît et multiplie fort vîte. On peut en faire de ſuperbes charmilles, étant ſuſcep[illegible]

[illegible]

odeur ſuave. Il vient de bouture et de graines. Les graines ſont petites et rouges.

4. **Ixoras** (*Ixora coccinea*). *L'Ixora eſt un arbuſte de la mer du Sud, donnant une fleur rouge et un* [illegible]

[illegible]

4. **Noyers de Bancoul** (*Aleurites Juſſ.*). *Cet arbre vient de Bancoul, et rapporte* [illegible]

[illegible]

eſt compoſé de toutes fleurs mâles, et un autre de toutes fleurs femel[illegible]

1. [illegible]

les ſavannes, enfin par [illegible]

4. [illegible]

pommes, et un fruit aſſés ſemblable pour la forme et la couleur à une prun[illegible]

[illegible]

4. [illegible]

[illegible]

[illegible]

4. **Avocayer** (*Laurus Perſea*). *Cet arbre eſt originaire d'Amerique, a été longtemps avant de* [illegible]

[illegible]

forme d'une groſſe poire. Naturaliſé il vient vîte, fort grand, et rapporte beaucoup

[illegible]

[illegible]

Celui appellé groſſe eſpèce donne un fruit délicieux. Cet arbre vient de la Chine

3. *Vouampy*. *C'eſt une eſpece de groſſeilier de la Chine. Son fruit groſ-* [illegible]
Il ſe multiplie aiſement. Son fruit eſt fort bo[illegible]

4. *Palabois ou Muſcadiers ſauvages des Isles Philippines. Il eſt comme les autres à ſexe ſim*[illegible]

[illegible]

forme eſt enfin fort variée. En general leurs fruits ſont un peu [illegible]

[illegible]

[illegible] *pinte d'eau fort bonne à boire. Quand ils* [illegible]

1. *Caro, ou Arbre de ſel de Madagaſcar. C'eſt une eſpece de pa*[illegible]

[illegible]

4. *Arequiers (Areca Catechu). Cette eſpece de palmier vient haut de plus de trente pieds, fort droit, n'ayant ni branches ni feuilles qu'au ſommet, ce qui lui fait une belle couronne, au deſſous de laquelle ſon fruit vient en grouppe. C'eſt une eſpece de noix, que les Indiens machent avec du betel. Il reuſſit à merveille* [illegible]

1. *Citrons de l'Isle de Cambaon, une des Isles Moluques. La feuille en eſt double* ([illegible]

[illegible] Le citron eſt raboteux et a une odeur agreable. L'arbre eſt d'un [illegible]

3 Cocotiers (Cocos nucifera). Les premiers Cocos ont été icy vingt ans ſans rapporter. A preſent ils rapportent à cinq ou ſix ans. Tous les auteurs parlent de ce palmier utile et riche.

4 Cacaoyers (Theobroma Cacao), à fruits rouges. Nous avons auſſi celui à fruits citrins. M. Poivre a [illegible]

1 D[illegible] (Phœnix [illegible]). [illegible] et ſeront [illegible] bre. Les fruits, qu'il donne dans [illegible], ne ſont ni ſi beaux, ni ſi gros, ni [illegible]

6 [illegible] Il eſt ſans épines [illegible] On le [illegible] La capre en eſt fort groſſe, tendre et fort bonne.

4 [illegible] eſt [illegible] de [illegible] ſa [illegible] eſt [illegible] La [illegible] a le goût et l'odeur de la roſe.

4 Caffeyers (Coffea arabica). Cet arbuſte eſt fort commun dans nos isles, où il vient [illegible] Le Caffé de ce [illegible]

[illegible] à Graine de Suif (Croton ſebiferum). Cet arbre [illegible]

7 Cam[illegible] La tige [illegible]

1 [illegible] Cet arbre [illegible]

4 Pa[illegible]

[illegible]

Sagoutier des Moluques [illegible] Il vient facilement, et par la ſuite il ſera auſſi de la [illegible] appelé Rouſſin. Sago [illegible] facilement que l'autre. Les Malgaches ne s'en ſervent [illegible] feuilles tendres.

1 [illegible] Il vient icy de boutures [illegible] On en fait des clotures, et chaque paliſſade devient dans trois ans un arbre [illegible]

4 Canéficiers (Caſſia fiſtula). Cet arbre eſt fort commun dans l'isle. Il [illegible] grand,

ſemis depuis près de trente ans, ne commence qu'à s'y naturaliſer, et ne rapporte que depuis peu.

8. **Roucouyers** *(Bixa orellana). Si jamais l'isle de France eſt obligée de faire un objet du roucou, elle le pourra très aiſement, le roucou venant par tout et ſans difficulté, et donnant ſa graine au bout d'un an.*

9. **Vangaſſayes** *ou Oranges mandarines. Ce ſuperbe arbre de Madagaſcar reſſemble à un oranger, donne un fruit d'un jaune rouge et de la forme d'une orange, qui eſt excellent, et gros comme une belle pomme d'api. Cet arbre avec ſes fruits forme un très beau ſpectacle.*

10. *Boutures de* **Catacambre.** *C'eſt une eſpèce d'acuſeria du Bengale, introduite icy depuis peu. Les Indiens en mêlent la feuille avec celle du betel pour mâcher la noix de l'arequier.*

1.

ALPINIA SPIRALIS.

Alpinia caule ſpirali, ſpica ovata.

Paco Caatinga clava rubente major. *Plum. mss. vol. 5. tab. 31.*

Caules baſi bulbiformes [illegible] fibris craſſis albicantibus longisque radicat. & pur[illegible] alternes [illegible] ad [illegible] quatuorve pedum alti [illegible] erecti [illegible] paralle[illegible] aſſurgentes [illegible] calamo duplo craſſiores [illegible] quam [illegible] foliorum vaginis [illegible] circumdantibus [illegible] glabri, [illegible] Folia omnia ad unam ſpiræ latus externum locatum [illegible] alterna, elongato-elliptica, ſubcuſpidata, integerrima, coriacea, [illegible] ſubtus [illegible] petiolata, ſemipedalia. Petioli [illegible] vaginantes [illegible] vaginæ [illegible] ortus. Vaginæ [illegible], apice [illegible] pilos adpreſſos & ad [illegible] contiguos [illegible] poſt folia [illegible] Spica terminalis, ſubſeſſilis, erecta, [illegible] Squamæ compactæ [illegible], ſubrotundæ, integerrimæ, rubræ cum margine pallidiori. Flores rubri, inodori, ſolitarii, ſquamis duplo longiores, ad baſin duabus [illegible] ſtipati. Antheræ flavæ. Piſtillum album.

CAL. Perianthium monophyllum, ſuperum, tripartitum, erectum, laciniis ſemiovatis.

COR. Petala [illegible] oblonga [illegible] erecta, [illegible] æqualia, dorſali duntaxat paulo ſuperiori.

Nectarium [illegible] foliolum alterum petalo [illegible] oppoſitum [illegible] alterum dorſali ſubjectum [illegible] brevius.

STAM. Filamentum nullum. Antheræ duæ, oblongæ, [illegible] nectarii [illegible]

PIST. Germen inferum, triquetrum. Stylus capillaris, erectus, inter antheras decurrens. Stigma infundibuliforme.

[illegible] & [illegible] in [illegible] & [illegible] humidas [illegible] Flores [illegible] menſe [illegible] in loco [illegible] major eſt. Fructum Plumerius dicit ſubrotundum, candidum, in terna loculamenta diviſum, ſeminibusque ſeptem [illegible] nigris [illegible] pulpam quandam candidam & [illegible] An [illegible] bacca? In tabula ſiſtuntur caules [illegible] cum [illegible] Caulis florentis pars ſuperior. Germen cum perianthio. Petalum laterale, dorſale. Nectarii foliolum petalo dorſali oppoſitum, alterum antheras gerens.

2.

OLEA UNDULATA.

Olea foliis ellipticis, undatis, petiolis viridibus. *Ait. kew. vol. 1. pag. 13.*

Sideroxylum foliis oblongis, integris. *Burm. afr. pag. 235. tab. 83. fig. 1.*

Tota glabra. Arbuſcula [illegible] Rami juniores ſoboli glabri, adultiores [illegible] [illegible] oblongis didymisque [illegible] Folia oppoſita [illegible] petiolata, [illegible] utrinque [illegible] undulata [illegible] coriacea [illegible] patentiſſima, a tribus ad quin-

[illegible]

3.

JUSTICIA FURCATA [illegible]

Fruticoſa, trita tota odoris nauſeoſi cucumerum, erecta, quadripedalis, ramoſa. [illegible] Rami ſimiles. [illegible]

4

JUSTICIA LITHOSPERMIFOLIA

Juſticia herbacea; erecta, villoſula, foliis lanceolatis, floribus verticillatis; caule [illegible]

[illegible] alta, [illegible] Radix [illegible] [illegible]

5

[illegible]

[illegible] foliis lanceolatis, acuminatis.

Quinto ætatis anno nunc ſesquipedalis, caule fruteſcente & inferne lignoſo ac fuſ-ceſcente. Cotyledones minutæ & ſubrotundæ. Supra has caulis, folia frondoſa in ſum-mitate gerens, [illegible] calamo gracilior, villoſus, erectus; dein ad folia producitur, ut hæc tunc evadant alter-na & diſtantia, modo ramoſus, modo ramo omni deſtitutus. Folia ſunt lanceolata, utrinque acuminata, ſerrulata, petiolata, alterna, rugoſula, ſcabriuſcula, utrinque hir-[illegible] numeroſi, graciles, erecti, a quinque ad decem uncias longi, hirſuti, toti denſe veſtiti [illegible] ſſimi. Spicæ terminales, ab una ad tres uncias longæ, teretes, acutæ, erectæ, iiſdem bracteis imbricatæ. Flores minuti, ſeſſiles, ſolitarii in qualibet bractea. Calycis penta-phylli foliola lanceolata, acuminata, ſubæqualia, erecta, hirſutula. Corollæ tubus ca-[illegible]

gura, ſemibifidum & erectum, labium inferius profunde trilobum & patentiſſimum, laciniis lateralibus oblongis & emarginatis, media obverſe cordata. Filamenta duo, alba extra faucem porrecta. Antheræ oblongæ, albæ. Semina ſubovata, rugoſa, minuta.

Ex patria ignota floret in caldario ab Auguſto ad hiemem. In tabula ſiſtuntur caulis pars ſuperior; pars pedunculi aucti; flos auctus.

6.

SALVIA ARGENTEA.

Salvia foliis oblongis, dentato-angulatis, lanatis, verticillis ſummis ſterilibus; bracteis concavis. *Linn. [illegible] pag. [illegible]*

Sclarea ſicula, folio argenteo ſubrotundo. *Boerh. lugd. 1. pag. 163.*

Aethiopis tota argentea cretica lanuginoſa. *Cup. cath.*

Tota graveolens. Radix modo tantum biennis, modo per plures annos perſiſtens, caulem [illegible] tetragonum, erectum, viſcoſum, inferne lanuginoſum, ſuperne villoſum. Folia oppoſita, amplexicaulia, oblonga, acuta, dentato-inciſa, rugoſa, viſcida, utrinque lanuginoſa, patentiſſima: inferiora longiora novemuncialia & ſolas duas uncias lata, ſumma ſæpe breviter petiolata. Racemi verticillati, erecti, ſuperne ſteriles. Bracteæ ad verticillos ſexfloros cordatæ, acutæ, concavæ, villoſæ, virides. Flores magni, ſuberecti, ſic ſecundi ut dimidiatos verticillos referant. Calyx campanulatus, compreſſus, ſtriatus, viſcidus, viridis, obſeſſus denſe villis capitatis, bilabiatus, labii ſuperioris denticulis tribus acutis cum medio breviſſimo, inferioris bifidi laciniis ovatis, acutis. Corolla alba. Tubus brevis. Faux antice in gibbum protuberans. Galea longa, falcata, emarginata, compreſſiſſima, foris pilis rubris hirta. Labii inferioris lacinia media ſecata, leviſſime flaveſcens; laterales oblongæ, reflexæ & obliquæ. Antheræ flavæ. Stigma violaceum. Semina ſubrotunda, nuda, fuſca.

Creſcit in Creta. Apud nos hiemem agit in frigidario, æſtatem ſub dio, canitiem & lanuginem nativam valdopere exuens, florens *Majo* & *Junio*. Siſtuntur in tabula caulis pars ſuperior & folium radicale minus.

7.

SALVIA BICOLOR.

Salvia foliis rugoſis villoſis: inferioribus oblongis [illegible] ſuperioribus dentatis; racemo verticillato.

Odor paucus. Ex radice perenni caulis unus alterve annuatim egreditur herbaceus, tetragonus, calamum & ultra craſſus, bipedalis, albis denſiſque villis oblitus, qui ſuperiora [illegible] ad lentem dumtaxat conſpicui ſunt. Folia ſunt oppoſita, oblonga, acuta, rugoſa, dentato-ſerrata, utrinque magis minuſve villoſa, facie quandoque glabra: inferiora petiolis bipollicaribus villoſiſque fulcita, & ad ortus multilobata ſubcrenulataque, ipſa ſine petiolo quadriuncialia; ſuperiora amplexicaulia, nec lobata. Racemus terminalis, verticillatus, viſcidus, ſemipedalis, erectus. Bracteæ ad verticillos cordatæ, acuminatæ, integerrimæ, villoſulæ, reflexæ, virides. Pedunculi utrinque tres, villoſuli, purpuraſcentes, patuli. Flores [illegible] Calycis ſtriati, villoſi, cum ſuffuſa purpura virentis, campanulati, compreſſi, bilabiati, & patuli labium ſuperius in denticulos terminatur.

tres mucronatos breveſque, quorum intermedius perpuſillus eſt. Labium inferius in duos dentes mucronatos longos dispeſcitur. Corollæ calyce plus quam duplo longior; tubus brevis albet. Galea falcata, obtuſa, emarginata, connivens, ex cæruleo violaceus eſt. Labium inferius ſemitrifidi laciniæ laterales ſunt lanceolatæ, acutæ, planæ, antrorſum verſæ & galeæ conniventes; intermedia ſubrotunda, ſerrato-concava, ... ſed brevi ſuperne ſuſceſcens. Filamenta albent. Stylus etiam inferne, ſed ſuperne una cum ſtigmate violaceus.

Creſcit in Oriente; floret apud nos a Majo ad Julium ſub dio, hiemem agens in tepidario. Siſtuntur in tabula pars ſuperior caulis florentis & folium inferius.

8

SALVIA RUNCINATA.

Salvia ſcabra, foliis runcinato-pinnatifidis dentatis, floribus ſpicatis verticillatis. *Linn. Suppl. pag. 72.*

Tota balſamice odorata. Radix ramoſa, fuſca. Caulis ramoſus, tetragonus, villoſus, erectus, calamum craſſus, una cum racemis ſeſquipedalis. Folia oppoſita, inferiora breviter petiolata, reliqua ſeſſilia, pinnatifida, obtuſa, dentata, rugoſa, ſcabra, hirſuta, rigidula, patentiſſima, ſed, ... ſæpe ... Racemi terminales, ex verticillis ſexfloris et diſtantibus, longi, erecti. Pedicelli breves. Bracteæ ovato-acuminatæ, lucidulæ, ciliatæ, virides, parvæ. Calyx campanulatus, hirtus, bilabiatus, viridis, labio ſuperiore tridentato, inferiore bidentato, dentibus acuminatis rigidis. Corolla pallide cærulea, calyce duplo longior, extus villoſula & ſtriatula. Labium ſuperius connivens, compreſſum. Inferius patens trifidum, lacinia intermedia ſubrotunda, emarginata, plana, laterales ſubrotundæ, obtuſæ, reflexæ, parvæ. Antheræ albæ, ... ex... ad oras hirſutæ. Semina ſubrotunda, fuſca.

Creſcit ad Promontorium bonæ Spei. Floret ſub dio æſtate. Autumno in tepidarium translata radix ſæpe per unum adhuc alterumve annum perſiſtit. In tabula ſiſtuntur pars caulis ſuperior; & auctæ corolla, antheraque clauſa et explicata.

9.

IRIS ODORATISSIMA.

Iris barbata, foliis enſiformibus, glabris, brevioribus ſcapo multifloro, petalis magnitudine omnibus æqualibus.

Tota glabra. Radix carnoſa, craſſa, in tubera prolifera, intus alba, foris ſuſceſcens & tranſverſe ſtriata, acris, inodora. Folia in caule florente lanceolato-enſiformia, ... ad decem uncias longa, ſeſquiuncia lata, baſi margine amplexicaulia; radicalia in capitibus non florentibus enſiformia, ſeſquipede ad duos pedes longa, nec tamen prioribus latiora, omnia acuta, integerrima, ſtriata, firma, erecta, multo rore glauco tecta. Caulis ſcapus bipedalis, teres, calamo duplo craſſior, firmus, rore glauco affuſus, in decurſu ramos breves duos ſubtrifloros e ſetis ſimplicibusque donatus pluribus. Spathæ vagæ, ovatæ, obtuſiuſculæ, inflatæ, concavæ, amplexantes, ſcarioſæ, pellucidæ. Flores plerique triflores, ſpecioſi, magni, valde ſuaveolentes, cærulei. Petala exteriora reflexa, plana, integerrima, raro emarginata, obverſe ovata, barba denſa ubique inſtructa, interne utrinque pallida cum venis interne tranſverſis et arcuatis ad barbam. Interiora exterioribus ſimilia, ſed emarginata, barbaque deſtituta et conniventi-erecta. Antheræ albidæ. Germen oblongum, teres, ſubſulcatum, viride, ad ... ſemunciam longum. Stigmata oblonga

erecta, pallidius caerulea, apice bifido acuto & crenulato. Capſula oblonga, triſulcata, obtuſa, glabra, trilocularis, trivalvis, fuſceſcens. Semina plura, difformiter quadrata, fuſceſcentia, recentia glabra, dein contracta & rugoſa.

Patria ignorata. Colitur in horto per plurimos jam annos ſub dio, florens Majo, fructum perficiens Auguſto. Siſtuntur tota planta florens, capſula & ſemen.

10.

IRIS PAVONIA.

Iris imberbis, folio lineari, glabro, ſcapo ſubunifloro. *Linn. ſuppl. pag. 98. Thunb. diſſ. num. 35 pag. 9. tab. Jacq. coll. vol. 3. pag. 8.*

Deſcriptio videatur locis citatis. Creſcit ad Promontorium bonae Spei. Floret Januario & Februario. Tabula ſiſtit totam plantam, florem a tergo viſum, & altera genitalia.

11.

MORAEA SERTATA.

Moraea ſcapo tereti, folioſo, foliis enſiformibus, racemo erecto, pedunculis aggregatis.

Tota glabra eſt. Radix craſſe fibroſa. Folia plura, anguſte enſiformia, acuta, integerrima, diſticha, erecta. Scapus teres, foliis altior, totus folioſus, baſi calamum craſſus, erectus, ſuperne racemoſus. Flores numeroſi, leviter odorati. Pedunculi uniflori, ex iiſdem ſpathis lanceolatis acutiſque pluſculi, unciales, graciles, patuli, ſimul omnes racemum elegantem ferèque ſeſquipedalem formantes. Petala ſex, diſtincta, obverſe ovata, obtuſiſſima cum parvo mucrone, inferne erecta, dein patentiſſima, alterna [illegible] anguſtiora, alba, lineis violaceis percurſa, baſi ſordide flaveſcentia. Filamenta tria, connata in unum corpus ſuperne liberum, erecta, petalis duplo breviora, pallide flaveſcentia. Antherae oblongae, incumbentes, flavae. Germen inferum, ſubrotundum, triſulcatum. Stylus capillaris, longitudine filamentorum, albus. Stigmata tria, filiformia, patula. Capſula ovata, truncata, triſulca, trilocularis, trivalvis, fuſca. Semina plura, ſubrotunda. Dixi ſertatam, quia racemus ſertum refert.

Ante plures annos ſemina tranſmiſſa fuerunt ſine titulo & patria. Floret apud nos in caldario Aprili. Tabula ſiſtit totam plantam radice excepta, dein capſulam & ſemen.

12.

MORAEA ELEGANS.

Moraea ſcapo tereti, folio unico, lineari-enſiformi, procumbente, ſcapum ſuperante, petalis omnibus eglanduloſis; ſtigmatibus bifidis.

Glabra tota. Bulbus ſubrotundus, avellana duplo minor. Folium unicum, lineari-enſiforme, acutum, ſtriatulum, planum, procumbens, pedale vel paulo longius. Scapus teres, ſemipedalis, erectus, penna columbina craſſus, ſpathis veſtitus lanceolato-cuſpidatis, convolutis, erectis, ſeſquiuncialibus, ac paucis, quae florem individuis, ſimplex & unico flore terminatus. Petala ſupera, oblonga, acuta, plana, uncialia, patentiſſima, flava, omnia abſque ulla foveola nectarifera ad baſin, quorum tria exteriora

paulo latiora & in diſco gerentia maculam viridem oblongam amplamque. Filamenta connata in unam columnam. Antheræ ſtigmati accumbentes.

Creſcit ad Promontorium bonæ Spei. Floret Majo. Tabula exhibet totam plantam & florem a tergo conſpectum.

13.

GLADIOLUS ROSEOALBUS.

Gladiolus corollis infundibuliformibus, limbi laciniis æqualibus, fauce terete, foliis anguſte enſiformibus, obliquis, ſpathæ valvula interiore bifida.

Bulbus ſubrotundus, depreſſus, tunica ſtriata fuſca veſtitus, avellanæ magnitudine. Folia plura, diſticha, anguſte enſiformia, acuta, integerrima, ſtriatula, nervo medio utrinque protuberante, obliqua, erecta, altero margine vaginantia, longiora pedalia. Scapus teres, erectus, foliis brevibus veſtitus, foliorum ad minus longitudine. Flores alterni, diſtichi, ſeſſiles, plus minus ſeni, in ſcapi extremitate flexuoſa, modice diſtantes. Spatha bivalvis, erecta, fuſceſcens: valvulis lanceolatis, concavis, acuminatis, interiore ad unam tertiam bifida. Corollæ tubus cylindricus, gracilis, erectus, ſpatha paulo longior, roſeus. Faux infundibuliformis, ſupra tubum ad angulum obtuſum incurvatus, colore & longitudine tubi. Limbi patentiſſimi & faucis longitudine laciniæ ellipticæ, acutæ, planæ, æquales, albidæ, in dorſo inſignitæ linea longitudinali roſea. Antheræ lineares, declinatæ, fuſcæ, extra faucem prominentes. Stigmata trifida, laciniæ bifidæ. Tota planta eſt glabra.

Ex Promontorio bonæ Spei. Floret Aprili & Majo. Tabula exhibet totam plantam florentem & valvulam ſpathæ interiorem.

14.

GLADIOLUS FRAGRANS.

Gladiolus corollis ſubcampanulatis, ſecundis, foliis enſiformibus, plicatis, hirſutis, ſpathæ tribus valvulis integerrimis omnibus.

Simillimus Gladiolo plicato, a quo ſola ſpatha diſcrepat. Paucis hinc deſcriptionem abſolvam, ne repetam omnia. Scapus ſimplex vel ramoſus, fere calamum craſſus, flexuoſus, molliſſimus. Spatha trivalvis, villoſa, mollis, erecta, valvulis acuminatis, apice ſcarioſis & ferrugineis, externa ſeſcunciali & integerrima nec tridentata. Odor florum gratiſſimus. Corollæ tubus violaceus, fere longitudine ſpathæ. Limbi laciniæ ſubæquales, albidæ cum ſuffuſo cæruleo colore.

Creſcit ad Promontorium bonæ Spei, florens apud nos Januario & Februario. Siſtitur tota planta.

15.

GLADIOLUS SAMBUCINUS.

Gladiolus corollis campanulatis, foliis enſiformibus, ſubplicatis, villoſis, ſcapo ramoſo, glabro, ſpatha bivalvi, laciniis corollæ alternis undulatis.

Bulbus ſubrotundus, tunica ſtriata fuſca tectus, alteri impoſitus. Folia radicalia plus minus quatuor, diſticha, longiſſime vaginantia, erectiuſcula, plerumque ſcapo lon-

giona, ſupra vaginam oblonga, acutula, integerrima, ſtriata, obſoletius plicata [illegible] ad ſentum breviſſime villoſula, ad oras hirſutula, a quatuor ad ſex uncias longa [illegible] anguſta, glabella, purpuraſcente. Simile ſed minus folium ſubjicitur ramo ſcap[illegible] Scapus compreſſiuſculus, glaber, erectus, ramo auctus. Flores ſpicati, ſucceſſivo fere [illegible]

[illegible]

villoſis, viridibus, erectis, ſubæqualibus, mutuo amplexantibus. Corollæ tubus lo[illegible] dine ſpathæ, ſubcylindricus, ſuperne ſubpurpuraſcens, cæterum albidus, [illegible] Limbi patentiſſimi & ſexfidi laciniæ violaceæ, oblongæ, obtuſæ, ſubæquales, fere longi[illegible]

[illegible] culam ovatam ſulphuream que. Filamenta tria, tubum corollæ ſuperantia, purpurea Antheræ lineares, erectæ, ſulphureæ. Germen oblongum, triquetrum, glabrum. Stig[illegible] trifidi laciniæ lineares, ſuperne latescentes, villoſula.

Creſcit ad Promontorium bonæ Spei. Floret Februario. Siſtitur tota planta [illegible]

[illegible]

16.

GLADIOLUS FISTULOSUS

Gladiolus ſpica diſticha, foliis teretibus, fiſtuloſis.

Totus eſt glaber. Bulbus ſubrotundus, piſi magnitudine, alter alteri impoſitus, tunica fibroſa fuſca tectus. Folia plerumque quatuor, alterna, longe vaginantia [illegible]

[illegible] tula, erecta, calami vel et duplo majore craſſitie, ab uncia ad ſex uncias longa, inferiora modo reliquis breviora, modo longiora, vagina terete & ſtriatula. In planta non cauliſera vidi ſæpe folium pedale. Caulis parum flexuoſus, erectus, teres, pennæ columbinæ craſſitie, vix pedalis, fere totus vaginatus, ſimplex, in ſpicam erectam & diſticham terminatus. Flores modori, parvi, alterni, imbricati. Spatha trivalvis, uniflora, appreſſa, membranacea, ſubpellucida, albida cum venis fuſcis. Valvula exterior lata, denticulata, quadriloba vel triloba, cum mucrone medio ſubulato & fuſco. Valvulæ duæ interiores ovato oblongæ, ſuperne dentatæ, ariſta terminatæ. Corollæ foris cæruleſcentis, intus pallidioris, tubus ſubcylindricus, incurvulus, ſpatha duplo longior. Laciniæ limbi ſex, anguſte lanceolatæ, acutulæ, ſubæquales, patentiſſimæ cum apicibus adſcendentibus, fere tubi longitudine; quarum tres alternæ dorſum habent, inprimis ſuperiore, acute carinatum, licet facie ſint planæ, & obſcure ſanguineum. Filamenta tria, ſubulata, erecta, corolla breviora. Antheræ haſtatæ, ſubincumbentes, cæruleſcentes cum polline ſulphureo. Stigmatis trifidi laciniæ reflexæ, apice lateſcentes & emarginatæ. In noſtris individuis ſpica rigidula ſolis inferne conſtat ſpathis ſterilibus univalvibus, in quibus [illegible] corpuſculum, quod habeo pro flore ſpathis interioribus circumdato & abortiente. In ſp[illegible]ibus ſiccis, ex Promontorio bonæ Spei allatis, flores ex tota fere ſpica prodeunt, quale in tabula addendum c[illegible].

Creſcit ad Promontorium bonæ Spei, apud nos florens Majo. Tabula exhibet totam plantam florentem, auctas valvulas ſpathæ, & ſpecimen ſiccum nativum.

17

IXIA HOLOSERICEA

Ixia ſcapo ſimplici, foliis lineari-enſiformibus, glabris, ſpathis ariſtato-laceris. Ixiæ bulbiferæ varietas. *Thunb. diſſ. nov. 17.*

Tota glabra. Bulbus [illegible] [illegible] Ex Promontorio bonæ Spei. [illegible] Januario & Februario. [illegible]

18

IXIA ERECTA

Ixia foliis [illegible] [illegible] 23. *Thunb. diſſ. nov. 18. pag. 16.*

Tota glabra. Bulbus ſubrotundus, depreſſus, nuce avellana duplo major, tunica ſtriata & ſuſceſcente tectus, alteri impoſitus. Folia radicalia plura, enſiformia, acuta, integerrima, multinervia, altero margine longe vaginantia, interiora ſucceſſive longiora, [illegible] Scapus teres, gracilis, erectus, in omnibus individuis noſtris ſemper ſimpliciſſimus, foliis longior, plus minus ſeſquipedalis. Flores ſpicati, ſeſſiles, alterni, ſecundi, patuli, inodori, a duobus ad duodecim, in rhachide ſubflexuoſa. Spatha bivalvis, [illegible] lis latis, altero truncata cum ariſta brevi & unica, altera biariſtata. Corolla lutea, aurantiaca vel flava, ſemper immaculata. Tubus cylindricus, ſpatha duplo [illegible] [illegible] ſubæquales. Antheræ oblongæ, erectæ, flavæ. Stigmatis trifida lacinia filiformes.

Ex Promontorio bonæ Spei. Floret Februario, Martio & Aprili. In tabula ſiſtitur tota planta florens cum tribus varietatibus.

19. 20. 21. 22. & 23

IXIA MACULATA

Ixia foliis [illegible] ſcapo polyſtachio, floribus [illegible] [illegible] *diſſ. pag. 25. Thunb. diſſ. nov. 19. pag. 16.*

Bulbus ſubrotundus, tunica reticulata veſtitus, alter alteri impoſitus, plus minus avellanæ magnitudine. Folia lineari-enſiformia, acuta, ſtriatula, nervo medio protube-

runde, ſcapo breviora. Scapus erectus, ab uno ad tres pedes altus, aut ſimplex [illegible] aut ramulo auctus. Flores ſpicati, alterni, numero valde varii. Spatha bivalvis, ſuperne ſcarioſa [illegible], concava, lacero-dentata. Tota glabra eſt. Numero, magnitudine & [illegible] florum quam [illegible] quaque [illegible] & ſingulas varietates, quæ in horto floruerunt cum aliis coloribus intermediorum plurimis.

Ex Promontorio bonæ Spei. Floret ab Aprili ad Junium.

24.

IXIA LINEATA

Ixia foliis enſiformibus, ſcapo polyſtachyo; corollis fauce lineatis, nec hyalinis.

Tota glabra. Bulbus ſubrotundus, depreſſiuſculus, tunica ſtriata fuſca veſtitus, avellana plerumque major [illegible]. Folia [illegible] enſiformia [illegible] utrinque nervoſa, erectiuſcula, altero margine vaginantia, longiora pedalia. Scapus teres, paruinper [illegible] ad medium [illegible] declinatus, vix pennæ columbinæ craſſitie, ſesquipedem longus. Flores ſpicati in ſcapo et ramis, plus minus decem, ſecundi, erecti, paruinper diſtantes, ſeſſiles, ſpecioſi, modo [illegible] ad minus ſescunciam longi. Spatha bivalvis, ſemnoſa, brevis, acuta, pallida cum [illegible] purpureis; valvula exteriore latiſſima, inæqualiter lacero-denticulata, rarius integra [illegible] bidentata. Corolla campanulata [illegible]. Tubus [illegible] longitudine [illegible]. Faux [illegible] pallide [illegible] brevis. Laciniæ limbi ſexpartiti cuneiformes, apice rotundatæ & leviter emarginatæ, [illegible], planæ [illegible], nullibi hyalinæ, [illegible] crocata & feneſtrata diverſæ. ſupra faucem omnes ſunt notatæ duodecim lineolis flavis, quæ ſunt color continuatus faucis & adſcendens in ſex lineas longioribus per medias lacinias & in totidem brevioribus aliis per concretas oras laciniarum. Filamenta tria, filiformia, ſuperne rubella, cæterum albida [illegible]. Antheræ [illegible]. Germen [illegible] pariter. Stylus [illegible] longitudine filamenti. Stigmata [illegible], rubella.

Creſcit ad Promontorium bonæ Spei. Floret Majo & Junio.

25

PANICUM DIVARICATUM

Panicum floribus paniculatis, corollis trivalvibus.

Panicum paniculis brevibus, muticis, culmo ramoſiſſimo, divaricatiſſimo, pedicellis biſloris, altero breviore. *Linn. Syſt. pag.* 107

Ex radice ramoſa caules attolluntur plures, ramoſiſſimi, inferne erecti, ſcandentes, octopedales, calamum craſſi, fiſtuloſi & tamen per quintum jam annum perſiſtentes toti, hinc fruticoſi, teretes, nodoſi, glabri. Rami ad angulum acutum patuli, plane non divaricati, ſed tandem ob debilitatem ponduſque a ramulis accedentibus auctum horizontaliter reclinati, niſi vicina ſuſtentent, ſic etiam ſe habent caulium ipſæ ſummitates. Folia ſunt alterna, lineari-lanceolata, acuminata, glabra, ad oras retrorſum ſcabra, quinque vel ſeptem nervis obſoletis inſignita, ſubtiliſſime ſimul lineata, patentiſſima, orta ex vagina naciali vel longiore, ſtriatula & piloſula. Panicula terminalis, erecta, rara, ramis patentiſſimis. Flores pedicellati, mutici, obverſe ovati, virides, baſi ipſa curvatuli. Antheræ flavæ. Stigmata purpurea.

CAL. Gluma uniflora, trivalvis, valvulis ovatis, acutis, concavis, ſtriatis, erectis, extima minima.

COR. Gluma trivalvis, tota calyce incluſa, cujus longitudine. Valvula extima *c* & *c* obverſe ovata, obtuſa, ad apicem carinata, craſſa, glabra, viridis. Huic opponitur valvula altera *d*, ſubovata, obtuſa, tenuis, albida, inferne introrſum cucullata, ſuperne ad oras ciliata, totam aperturam valvulæ prioris claudens. Tertia valvula *f* totam internam cavitatem valvulæ primæ occupat, ejusdem cum hac figuræ, ſed *f* antice depreſſa eſt, *d* autem dorſo, quo valvulam *c* reſpicit, toto margine inflexa eſt. In hac valvula *d* genitalia latent.

STAM. Filamenta tria, capillaria, longitudine calycis. Antheræ oblongæ, ſubdidymæ.

PIST. Germen oblongum. Styli duo filiformes. Stigmata valde plumoſa, longa.

PER. nullum. Glumæ perſiſtentes.

SEM. unicum, tectum.

Creſcit in Jamaica. In caldario floret Majo & Junio. In tabula ſiſtitur ramulus florens. Dein auctæ floris partes.

26.

PROTEA LINIFOLIA.

Protea foliis lineari-lanceolatis, glabris, ſubpetiolatis, capitulo terminali, ſubrotundo, petalis glabris.

Tota glabra, odore carens, ſaporis amari & adſtringentis. Frutex tripedalis, ſempervirens. Truncus teres, digitum craſſus, fuſcus. Rami ad diſtantias verticillati, a foliis delapſis aſperati. Folia ſparſa, numeroſiſſima, infra flores valde approximata, lineari-lanceolata, integerrima, obtuſiuſcula, apice ad lentem calloſa, plana, patentia, rigidula, viridia, enervia, baſi veluti in petiolum anguſtata. Capitula florum in ramulis terminalia, ſolitaria, ſubrotunda, ſeſſilia, bracteis pluribus ovatis parvis erectis acutisque inordinate fulcita, avellana minora. Bracteæ aliæ, perianthii monophylli vices agentes, imbricatim flores in capitulum colligunt, receptaculo communi elongato affixæ, ovatæ, acutulæ, erectæ, hirſutiſſimæ, longis pilis ciliatæ, ſuperne rubentes. Petala quatuor, baſi cohærentia ad altitudinem bracteolæ ſuæ, dein linearia, longa, glabra, in ſpiram reflexa, obtuſa, flava, infra apicem antheram ſeſſilem gerentia. Germen ovatum. Stylus filiformis, longus, erectus. Stigma clavatum.

Creſcit ad Promontorium bonæ Spei. Floret ab Aprili ad Junium. Siſtuntur caulis ſummus florens & auctus flos.

27.

PROTEA FUSCIFLORA.

Protea foliis lineari-lanceolatis, glabris, ſeſſilibus, capitulo terminali, ſubrotundo, petalis hirſutiſſimis.

Tota glabra. Caulis fruticoſus, teres, fuſcus, digitum craſſus, quadripedalis, erectus, debilis, a foliorum relictis cicatricibus ſcaber. Rami ad diſtantias verticillati. Folia ſparſa, ſeſſilia, lineari-lanceolata, integerrima, obtuſiuſcula, apice calloſula, coriacea, adulta ſubobliqua, juniora recta, ſtrictula, erectiuſcula, plus minus variabilia, ſaporis ingrati & adſtringentis. Florum capitula terminalia, ſubrotunda, ſolitaria, in foliis ſummis frondoſis ramulorum ſeſſilia, ex bracteis imbricatis compoſita, diametri quatuor vel quinque linearum. Perianthium commune polyphyllum, foliolis plus minus quam

que [illegible] lanceolata [illegible] albo-hirſuta [illegible] [illegible] duplo breviora. Perianthium proprium [illegible] obtuſa [illegible] [illegible] ſubvilloſa. [illegible] quatuor [illegible] baſi lanceolata & contracta ſubulata [illegible] ad altitudinem [illegible] propria [illegible] quadrilatera [illegible] ſupra medium [illegible] hirſuta, fuſca, infra apicem gerentia adnatam antheram. Germen ovatum. Stylus filiformis, erectus, longitudine corollae. Stigma oblongum, capitatum, obtuſum.

Creſcit ad Promontorium bonae Spei. *Floret Junio & Julio.* In tabula illuſtratur caulis florentis pars ſumma, & auctus flos

28.

BUDDLEA SALVIFOLIA

Buddlea foliis cordato-lanceolatis, floribus paniculatis

Buddlea foliis lanceolato-ovatis, cordatis, rugoſis. *Ait. hort. kew. vol. 1. pag. [illegible]*

Lantana ſalvifolia. *Linn. ſyſt. pag. 566. Linn. mant. [illegible]*

Frutex africanus, foliis conjugatis ſalviae anguſtis, floribus hirſutis. *Herm. afr. pag. 10*

Truncus ſexpedalis, digitum craſſus, ſuberectus, debilis, ramoſus, teres, glaber, fuſcus. Rami juniores tetragoni, tomentoſi, incani. Folia oppoſita, breviſſime petiolata, cordato-lanceolata, acuta, crenulata, utrinque tomentoſa & rugoſa, facie virentia, ſubtus incana, longiora duas cum dimidia uncias longa. Stipulae ſubrotundae, crenatae, [illegible] [illegible] [illegible] formae, elongatae, a duabus ad quinque uncias longae [illegible] [illegible] & incana. [illegible] [illegible] vel breviſſime [illegible] exteriores bracteae [illegible] [illegible] lateque tuſtulis [illegible] [illegible] exterius & majus externe floris parti, reliqua duo lateralibus accumbunt. Interiores autem flores [illegible] [illegible] [illegible] [illegible] Corollae [illegible] [illegible] [illegible] tubus purpureus [illegible] [illegible] [illegible] flavo albet [illegible] hirſutus. Filamenta alba [illegible] antheras [illegible] [illegible] Germen eſt [illegible] hirſutum. Stylus albet. Stigma flavet.

Cal. Perianthium inferum, campanulatum, ſemiquadrifidum, parvum, perſiſtens, laciniis oblongis, acutis, erectis, quarum ſaepe una latior & ſemibifida eſt.

Cor. [illegible] Tubus [illegible] [illegible] multo longior [illegible] Limbus quadrifidus, tubo brevior, laciniis oblongis, obtuſis, planis, patentiſſimis.

Stam. Filamenta quatuor, ſubulata, erecta, inſerta tubo ſuperiori corollae, quo breviora. [illegible]

Pist. Germen ex ovato ſubrotundum. Stylus filiformis, craſſus, erectus, ſtaminibus brevior. Stigma clavatum, apice biſulcatum

Per. Capſula ſubrotunda, bilocularis, bivalvis.

Sem. [illegible]

Ex Promontorio bonae Spei. Floret Julio & Auguſto. Tabula ſiſtit ramum florentem, auctaque piſtillum & florem cum bractea ſua triplyca

29.

BUDDLEA SALICIFOLIA

Buddlea foliis linear-lanceolatis [illegible] [illegible] [illegible]

Truncus ſexpedalis & ultra, teres, ex fuſco cinereus, pollicem craſſus, erectus, debilis, ab ipſa baſi ramoſus, nullo villo veſtitus. Rami juniores tetragoni, incani. Folia ſunt oppoſita, breviſſime petiolata, anguſte ſive lineari-lanceolata, acuta, integer-

linea, ad oras magis minusve ſubrevoluta, ſubtus rugoſa & albo tomentoſa, ſupra atrovirentia, venoſa, ad oculum nudum glabra, ad armatum villis minutiſſimis adſperſa, pruinæ tecta, longitudine quadriunciali dimidiaque unciali lata. Stipulæ nullæ. Panicula trichotoma, terminalis, ampla, denſiſſima, convexa, duas tresve uncias longa, diviſionum pedunculis tetragonis, hirtis, bracteola caduca quibusdam fulcitis. Flores numeroſiſſimi, odorati, plerique bracteola una alterave minutiſſima fulcitis. Calyx tomentoſus, incanus, ciliatus. Corollæ tubus utrinque ruber & hirſutus. Limbus albidus. Antheræ flavæ. Germen glabrum. Stigma luteum. Pericarpium ad maturitatem non pervenit, ſed manifeſte eſt biloculare, & videtur fore capſula.

CAL. Perianthium inferum, campanulatum, erectum, ſemiquadrifidum: laciniis ſemiovatis, acutis.

COR. monopetala. Tubus erectus, calyce paulo longior. Limbus quadrifidus, longitudine tubi, lacinulis oblongis, obtuſis, planis, patentiſſimis.

STAM. Filamenta quatuor, ſubulata, erecta, corolla longiora. Antheræ oblongæ, didymæ, erectæ.

PIST. Germen ſubrotundum. Stylus filiformis, craſſus, erectus, longitudine tubi corollæ. Stigma capitatum, bifidum.

PER. ſubrotundum, biloculare.

SEM. plurima.

Ex Promontorio bonæ Spei. Floret Julio & Auguſto. In tabula ſiſtuntur ramulus florens, & aucta flos & piſtillum.

30.

WALLENIA ANGULATA.

Wallenia foliis obtuſis, ramis ramulisque angulatis.

In inſula Mauritii culta ad viginti quinque pedum altitudinem attollitur, trunco cruris craſſitie inſiſtens. Inde translata junior arbuſcula in hortum Cæſareum, nunc ſeptempedalis eſt, ramis cinerascentibus & angulatis, trunco pollicem craſſo, tereti, fuliginoſo, erecto, firmo, tota glabra. Folia ſunt breviſſime petiolata, oblonga, obtuſa, integerrima, coriacea, nitida, venis tranſverſis obſoletioribus notata, plus minus quinque uncias longa, duas lata, alterna, ſubopposita, terna & ſubquaterna. Panicula terminalis, erecta, tres quatuorve uncias longa, denſa. Flores in ultimis pedunculis aggregati, ſubſeſſiles, parvi, corolla ex viridi pallente, filamentis albidis, antheris flavis, perianthio viridi, ad ſenſum hirtulo.

CAL. Perianthium inferum, monophyllum, tubuloſum; ore quadridentato, obtuſo, erecto.

COR. monopetala, tubuloſa, calyce triplo longior, erecta: ore quadridentato, obtuſo, erecto.

STAM. Filamenta quatuor (rariſſime quinque) ſubulata, ipſi baſi corollæ inſerta, erecta, corollam ſuperantia, æqualia. Antheræ oblongæ, incumbentes.

PIST. Germen ſuperum. Stylus conicus, fere longitudine corollæ. Stigma ſimplex.

Ex India orientali. In caldario floret quotannis Majo, ſed nullum adhuc florem fertilem dedit. In tabula exhibentur ramus florens, & aucta piſtillum, calyx & corolla cum ſtaminibus.

31.

ERNODEA LITTORALIS *Swartz prodr. pag. 29.* [illegible]
Knoxia [illegible] repens, foliis rigidis oblongis oppoſitis, floribus ſingularibus. *Brown. jam. pag.* [illegible]
Thymelaea humilior, foliis acutis atrovirentibus. *Sloan. hiſt. jam. 2. pag. 93. tab. 189. fig.* [illegible]

Locis citatis deſcriptio conſuletur. Per taleas facile propagatur.

Creſcit in inſulis Bahamae & Jamaicae. In caldario floret apud nos Junio. Siſtuntur ſummus caulis & flos ſeorſim.

32

CISSUS TUBERCULATA
Ciſſus foliis ternatis: foliolis ſublanceolatis, glabris, ſubſerratis.

Ex ſeminibus enata, quinto aetatis anno floruit, ſed fructum needum dedit, caule pollicis craſſitie, compreſſiuſculo, compreſſibili & ſuberoſo, ex fuſco cineraſcente, in ramos pollicem digitum & calamum craſſos diviſo, [illegible] Planta glabra, [illegible] ſed [illegible] ad duorum pedum altitudinem [illegible] juniores omnes dependent [illegible] foliis [illegible] Rami juniores ſunt teretes, pennam columbinam craſſi [illegible] omnes tubercula [illegible] exaſperati [illegible] [illegible] ſordide [illegible] [illegible] Foliola [illegible] glabra & obſcure ſerrulata, pedicellata, intermedio longiori [illegible] lanceolato [illegible] [illegible] [illegible] [illegible] [illegible] Involucrum nullum. Calyx & petala coccinea. Nectarium flaveſcens. Antherae ochroleucae.

Cal. Perianthium monophyllum, inferum, ſemigloboſum, ore truncato integerrimum, perſiſtens.

Cor. Petala quatuor, lanceolata, tota reflexa cum apice inflexo, acuta, calyce paulo longiora, caduca.

Nectarium margo erectus, germen cingens, dorſo quadriſulcatus.

Stam. Filamenta quatuor, ſubulata, erecta, longitudine corollae, [illegible] dorſalibus accumbentia. Antherae ovatae, erectae.

Pist. Germen ſubrotundum [illegible] Stylus craſſus, brevis, erectus. Stigma ſimplex, obtuſum.

Creſcit in America torrida. In caldario floret Auguſto. Siſtuntur ramulus pendulus & [illegible]

33

CISSUS ACIDA
Ciſſus foliis ternatis [illegible] ovatis, glabris, carnoſis, [illegible] *Linn.* [illegible] *pag.* [illegible] *58. Jacq. ſel. amer. pict. pag. 16. Swartz. obſ. pag. 49.*
Sicyos[?] triphylla ſcandens & claviculata, foliis craſſis ſerratis. *Brown. jam. pag. 147.*
Bryonia alba triphylla geniculata, foliis craſſis acidis. *Sloan. hiſt. jam. 1. pag. 233. tab. 142. fig. 5. 6.*

Bryonoides . . . foliatum . . . foliis ſucculentis craſſis & crenatis. *Pluk. alm. pag.* . . . *tab.* 152. *fig.* 2.
Folium caufoida. *Rumph. amb. vol.* 5. *pag.* 450. *tab.* 166. *fig.* 2.

Deſcriptio videatur apud autores laudatos.

Creſcit in Jamaica, Domingo, Carthagenæ, in inſulis Moluccis, & Amboina. In caldario floret apud nos, dum ad ipſas feneſtras loco calidiſſimo ponitur, quas tunc ſcandendo ramis ſuis inveſtit.

34.

ECHIUM FRUTICOSUM.

Echium caule fruticoſo; caule, ramis foliisque piloſis. *Linn. ſyſt. pag.* 189.
Echium africanum fruteſcens, foliis piloſis. *Commel. hort. vol.* 2. *pag.* 107. *tab.* 54.
Buglosſum africanum, echii folio, flore purpureo. *Pluk. mant. pag.* 33. *tab.* 341. *fig.* 7.

Caulis fruticoſus, bipedalis, teres, digitum craſſus, hirtus, erectiuſculus. Rami adſcendentes. Radix longa, atra, craſſitie caulis. Folia ſparſa, numeroſa, ſeſſilia, longe lanceolata, acuminata, integerrima, ciliata, utrinque pilis decumbentibus albidis conſperſa, hiſpida, hinc cum albedine . . . nec tamen glauca, . . . petala, longiora . . . Flores ſeſſiles, . . . ſolitarii. Calycis hiſpidi . . . & . . . tenuia foliola acuminata & erecta, quorum duo duplo latiora reliquis. Corolla cærulea calyce duplo longior, quinque ſtriis elevatis notata, inæqualis, laciniis ſubrotundis & obtuſis. Filamenta purpurea corollam longitudine fere æquant. Antheræ cæruleæ. Stylus albet. Semina nigricant.

Ex Promontorio bonæ Spei. Floret Junio & Julio, ſemina perficiens Auguſto. Siſtitur frutex junior cum ramis ultimis . . .

35.

ECHIUM STRICTUM.

Echium caule fruticoſo, ramoſo, ſtricto; foliis elongato lanceolatis, hirſutis, corollis ſubcampanulatis, ſtaminibus corolla longioribus. *Ait. kew. vol.* 1. *pag.* 186. *Linn. ſyſt. pag.* 189.

Caulis fruticoſus, bipedalis, ſtrictus, erectus, teres, calamo craſſior, fuſcus, pilis rigidis albidis deorſumque flexis denſiſſime hiſpidus. Rami juniores, folia utrinque & ad oras, petioli, bracteæ & calyces ſimilibus obſidentur pilis, ſed non ſic reflexis. Folia ſunt alterna, longe lanceolata, utrinque acuta, integerrima, breviter petiolata, a duobus ad quatuor uncias longa. Pedunculi axillares ſolitarii ſpicam conjugatam ſuſtinentes. Bracteæ ad ſingulos flores lineari-lanceolatæ, acutæ, ciliatæ, ſeſſiles. Flores ſecundi ſeſſiles, denſi, parvi. Calycis foliola lineari-lanceolata, acuminata, fere ad baſin fiſſa . . . Corollæ ſubcampanulatæ . . . & . . . parum ſuperantis tubus duplo longior . . . & acutis, quarum tres inferiores . . . Filamenta . . . albida, ſuperne rubentia, petalo longiora. Antheræ oblongæ, incumbentes, cæruleæ cum ſtriis atropurpureis. Stylus hirſutus, ſtaminibus paulo longior. Semina ovata, acuta, ad baſin truncata, angulata, dentata, nigra.

Creſcit in rupibus inſulæ Teneriffæ. Floret a Majo ad Julium. Siſtuntur pars caulis, corolla aucta, ſemen, idemque auctum.

IPOMOEA BONA NOX.

Ipomoea foliis cordatis acutis, caule muricato, pedunculis [illegible]floris, corollæ laciniis rotundatis emarginatiſque cum mucrone.

Ipomoea foliis cordatis acuminatis integerrimis, caule aculeato, floribus ternis, corollis [illegible]. *Linn. sp. pl. pag.* 228.

Ipomoea [illegible] & floribus ampliſſimis, calice flores ſubtegentibus. *Brown. jam. p.* 155.

Convolvulus [illegible] caule spinulis obſito. *Sloan. hist. [illegible] pag.* 15. *tab.* 96. *fig.* 1.

Convolvulus americanus [illegible]. *Pluk. alm. pag.* 115. *tab.* 276. *fig.* 2.

Smilax aspera Indiæ occidentalis. *Bauh. pin. pag.* 296.

Caulis annuus [illegible] baſi ſere digitum [illegible] volubilis [illegible]. [illegible] Rami [illegible] & [illegible] cordata [illegible] acuta [illegible] quinque [illegible] longa [illegible] quadam [illegible] cordata & [illegible] Pedunculi [illegible]. Flores nocte expanduntur. Perianthium pentaphyllum: foliola [illegible] in caudam [illegible] & dorſo [illegible] acuta, membranacea & [illegible]. Corolla monopetala, maxima [illegible] tres quatuorve uncias longus [illegible] superne ampliatus [illegible] & [illegible] emarginatis cum mucrone [illegible] & [illegible]. Filamenta [illegible] Stigma capitatum [illegible]. Capſula [illegible] in quolibet loculamento [illegible] cum Swartzio [illegible] ad hanc plantam ob pedunculos [illegible] & aggregatos & quod [illegible].

Creſcit in inſulis Caribæis. In caldario floret Julio & Auguſto. Solitus ramus [illegible].

37.

IPOMOEA TERNATA.

Ipomoea foliis ternatis, pedunculis unifloris.

Tota glabra eſt. Radix tuberoſa, difformis, pugnum craſſa, cineraſcens. Caules plures, fruticoſi, volubiles, teretes, calamum craſſi, ramoſi, decempedales & ultra, ſeniores rugoſi, verrucis exaſperati, cinerei, juniores virides, ſoli obverſi purpuraſcentes, ob punctula exſtantia aſperiuſculi. Folia ſunt alterna, petiolata, ternata, petiolo tereti, lividiuſculo, unam alteramve unciam longo; foliola ſubcoriacea, venoſa, ob-

ſolete repando-crenulatis, inferiorum foliorum lanceolatis, acutis & circiter biuncialibus, ſuperiorum oblongis, obtuſis & triuncialibus. Pedunculi uniflori, axillares, ſolitarii [illegible] purpure[illegible] ge-minata & [illegible]. Cal[illegible] ſunt obverſe ovata, obtuſa, valde concava, coriacea, rigidula, nitida, inæqualia, ſordide & pallide virentia. Corolla campanulata, magna, patens, albida cum ſtella [illegible] ſubrotundis [illegible] emarginatis. Filamenta ſubulata, barbata, ad unam tertiam petalo breviora, alba. Antheræ lineares, erectæ, ochroleucæ. Germen ovatum, glabrum, virens, baſi cinctum glandula circulari & albida. Stigma capitatum, bilobum.

Patria nobis ignota eſt. In caldario floret Decembri. Siſtitur ramulus cum folio caulino inferiori ſeorſim.

38.

CEROPEGIA SAGITTATA

Ceropegia floribus umbellatis; foliis cordato-ſagittatis.

Ceropegia umbellis ſeſſilibus, foliis ſagittatis. *Linn. ſyſt. pag. 255. Linn. mant. pag. 2.5.*

Frutex quinquepedalis, ſcandens, debilis. Caulis junior, rami, folia utrinque & ad oras, pedunculi, bracteæ & calyces brevibus pilis denſe hirta ſunt. Caulis calamum & ultra craſſus, fuſcus, ſuberoſe ſulcatus. Rami virgati, teretes, longi, volubiles & vicinos frutices aut ſeſe mutuo contingunt, alias recta quaquaverſum protendi. Folia oppoſita, breviter petiolata, baſi cordato-ſagittata, hinc ex oblongo angulata, acutula, integerrima, ad oras magis minusve revoluta, patentiſſima. Pedunculi communes [illegible] folii, ſolitarii, patentiſſimi, unam tertiam partem unciæ longi. Proprii umbellati, [illegible]. Flores quadrilineares, calyce virente, corolla villoſula & purpureorubra cum apicibus [illegible] antheris [illegible].

C[illegible] pal[illegible]

Cor. monopetala, tubuloſa, baſi anguſtior, quinquecanaliculata, calyce duplo longior, ſupra baſin ante cavitates ſuas inſtructo faſciculo piloſo & inter cavitates glandula ſubrotunda, quinquedentata, denticulis baſi introrſum protruſis, dein erectis & apice [illegible].

Nectarium ſaccus cylindricus, ſulcatus, ſuperne conicus & connivens, apice bar[illegible] [illegible] lamellaſque longitudinales protuberans.

Stam. Filamenta decem, breviſſima, pendula, orta ſingula duo ex quolibet tuberculo [illegible]. Antheræ lineares, obtuſæ, longæ, pendulæ ad utrumque latus lamellulæ con[illegible].

Pist. Germina duo, oblongo-ovata, foris convexa, intus plana. Styli duo, filiformes, erecti, ſuperne in unum connati, longitudine fere nectarii. Stigma capitatum, co-[illegible].

Ex [illegible] Floret [illegible] Novembri & Decembri; æſtatem agens ſub dio. In tabula ſiſtuntur ramus florens, & aucta petalum integrum, [illegible], ejusdem ſecti pars ſumma interior cum adhærentibus duobus ſtaminibus, & tandem piſtillum cum ſtaminibus.

39.

VARRONIA MONOSPERMIA
Varronia foliis ovato-lanceolatis, ſpicis ſubrotundis, nuce uniloculari.

Frutex erectus, duodecimpedalis, ramoſus, totus ſcaber. Rami teretes, ex fuſco virentes. Folia alterna, breviter petiolata, ovato-lanceolata, acuta, ſerrata, venoſa, ſordide viridia [illegible] quadri[illegible] P[illegible] [illegible] in ramis [illegible] & terminales, bifidi vel trifidi, plus minus unciales. Flores inodori, parvi, aggregatim ſeſſiles in ſummitatibus ramulorum pedunculi [illegible] [illegible] Perianthium oblongum, quinquedentatum, erectum, villoſum, viride. Corolla campanulata ſordide albida [illegible] duplo longior [illegible] limbo [illegible] Filamenta plerumque ſex in cultis noſtris pluribus individuis, rarius quinque, ſub[illegible] tubo petali inſerta. Antheræ ovatæ, ſulcatæ, erectæ, albidæ, longitudine [illegible] Germen ex baſi latiore ovatum. Stylus filiformis, erectus, petalo brevior. Stigma [illegible] [illegible] bifidum, laciniis oblongis, rotundatis, planis, patulis. Drupa ſubrotunda, piſi magnitudine, ruberrima, nitida, pulpa rubra. Nux ovata, ſcabriuſcula, fuſca, dura, unilocularis, unico nucleo prædita.

Ex Caracas. In caldario floret totam æſtatem, fructusque fert maturos. Tabula exhibet ramulum. Ad latus adſunt ſecta flos & piſtillum.

40.

CORDIA LAEVIS
Cordia foliis ovatis, repandis, utrinque lævibus.

Toto habitu tam ſimilis Cordiæ Sebeſtenæ [illegible] ut aſpectu ægre diſtinguatur, tactu autem facillime, cum hæc ſit tota glaberrima, alia autem folia aſpera gerat. Truncus arboreus, teres, fuſceſcens, erectus, ſuperne ramoſus, quatuordecimpedalis, diametro biuncialis. Folia ſunt alterna, ovata, acuta vel acuminata, repanda, craſſula, venoſa, ſubquinquenervia, ſubundulata, ſupra nitida, ſubtus glabra, majora novem uncias longa & quinque lata cum petiolo tereti & triunciali. Racemi ramoſi, breves, multiflori, in [illegible] terminales, dein ob productum ramum laterales. Flores inodori. Calyx tubuloſus, glaber, viridis, ore erecto & inæqualiter inciſo. Corolla infundibuliformis [illegible] [illegible] rugoſa [illegible] [illegible] lis, obtuſis, patentiſſimis, amplis. Filamenta ſex, ſubulata, erecta, fauci corollæ inſerta, nec albora. Antheræ lineares, pallidæ, incumbentes. Stylus filiformis, dichotomus, erectus, longitudine ſtaminum. Stigmata obtuſa.

Creſcit ad Caracas. In caldario floret Septembri & Octobri. In tabula ſiſtitur ramulus florens.

41.

E[illegible]RET[illegible]A LAXA
Ehretia ramis reclinatis, paniculis laxis.

Arbuſcula decempedalis, trunco tereti, pollicem & ultra craſſo, glabro, fuſco ramis reclinatis. Folia in ramis junioribus viridibus alterna, ſparſa, ovata, acuta vel obtuſa, integerrima aut ſubrepanda, venoſa, ad lentem in nervo medio utrinque & in

petiolo villoſula, cæterum glabra, ſupra ſaturate virentia, patentiſſima: majora plus minus quatuor uncias longa cum petiolo tereti ſeſquiunciali. Paniculæ ſubterminales, multifloræ, laxæ, glabræ, amplæ, varie ramoſæ. Flores pedicellati, odore mellis præditi, etiam ſucco melleo pleni. Calyx glaber viret. Corolla & ſtamina albent. Antheræ ſunt ochroleucæ. Germina virens baſi glanduloſa flaveſcit. An forte Subria Commerſ. herb. cujus facit mentionem cl. Lamarck in encycl. vol. pag. 544?

Cal. Perianthium monophyllum, inferum, erectum, ſemiquinquefidum, perſiſtens: laciniis ſubovatis, obtuſis, ob oras revolutas ſubacutis.

Cor. monopetala, campanulata, calyce duplo longior: limbi quinquefidi laciniis ovatis, obtuſis, reflexis, patulis.

Stam. Filamenta quinque, ſubulata, inſerta baſi corollæ, erecta, limbo corollæ paulo breviora. Antheræ oblongæ, erectæ.

Pist. Germen ſubrotundum, ſubquadrangulare. Stylus filiformis, longitudine filamentorum, apice bifidus. Stigmata capitata, convexula.

Creſcit in inſula Borboniæ. In caldario floret Junio & Julio. Siſtuntur ramus florens, & aucta piſtillum, corolla, ejuſque pars explanata interna cum duobus ſtaminibus.

42.

SOLANUM RIGESCENS

Solanum caule aculeatiſſimo, ſuffruticoſo, tereti: foliis ſinuato-lobatis, aculeatis, adſperſis pilis ſtellato-faſciculatis: lobis oppoſitis, rotundatis.

Totum rigidulum eſt. Caulis ſuffruticoſus (nam hieme ramorum ſummitates apud nos pereunt), teres, bipedalis, calamum & ultra craſſus, ramoſus, erectus, cinereus, villoſulus, aculeis denſe horridus. Folia ſunt alterna, breviter petiolata, ſubovata, obtuſa, utrinque aculeata, undulata, rigidula, virentia, varie ſinuato-lobata, longiora unciala, utrinque & ad oras per lentem obſita pilis ſtellato-faſciculatis ſparſiſque, ad oculum nudum ſola puncta alba referentibus, cæterum glabra, lobis oppoſitis & rotundatis, petiolo ſæpe aculeato. Aculei ſunt ſubulati, longi, recti, rigidi, pungentes, patentiſſimi, flavi, verſus apicem fuſceſcentes, ad lucem pellucidi. Pedunculi oppoſitifolii, ab unico ad tres flores ſuſtinentes, breves, cernui, pilis ſtellato-faſciculatis obſiti, ſæpius inermes, raro aculeati. Calyx viridis, ſimiliter piloſus, modo inermis, modo aculeatus. Corollæ purpureæ & calyce multo longioris laciniæ oblongæ & acutulæ. Antheræ flavæ. Bacca globoſa, piſi magnitudine, glabra, cum virore nigricans. Semina numeroſa, plana.

Creſcit ad Promontorium bonæ Spei. Floret ſub dio a Julio ad Septembrum, hieme in tepidario fructum perficiens. Exhibetur caulis florentis pars ſumma. Ad latus ramulus fructeſcens.

43.

MACROCNEMUM SPECIOSUM

Macrocnemum bracteis calycinis ovato-ſubrotundis, coloratis.

Arbuſcula quinquepedalis, erecta; trunco tereti, digitum craſſo, rimoſulo, fuſco, ramis patulis, calamum craſſis. Folia in ramis junioribus oppoſita, lanceolata, ſuperne ſenſim latiora, utrinque acuta, integerrima, venoſa, ſubtus rugoſula, & ad nervum venaſque principes villoſula, ad oras per lentem villis appreſſis ciliata, cæterum glabra,

[illegible] longa [illegible]
[illegible] ſimi & ingrati. Stipulæ inter petiolos utrinque gemellæ, lanceolato-acuminatæ, erectæ, virides ſed brevi nigricantes. Pedunculi communes verſus ramorum extremitates [illegible]
[illegible] ſæpe folioloſi, ſimul formantes paniculam faſtigiatam. Bracteæ ſubulatæ. Flores plerique breviter pedicellati ſunt, pauci ſeſſiles. Calyx & corolla villoſa ſunt. Calyx viret cum denticulis purpureis. Corolla foris tota carnea eſt cum limbo interne rubro. Germen villoſum viret. Stylus purpuraſcit. Bractea ex ſubrotundo ovata, obtuſa, integerrima, reticulato-venoſa, ad lentem villoſula vel glabra, roſei coloris, unciam longa, orta ex petiolo ſemunciali vel longiori rubro villoſoque, adſidet margini calycis inter denticulos unica, nec tamen in floribus omnibus præſens, & ſpecioſiſſimam valdeque ſingularem inflorescentiam format. Videtur originem habere ex ipſa baſi germinis, quod conjicere licet ex parte illa germinis magis incraſſata. Corollæ tubus unciam ſuperat.

Cal. Perianthium monophyllum, ſuperum, quinquefidum, acutum, pa[illegible]

Cor. monopetala, coriacea. Tubus ſubcylindricus, incurvatus, longiſſimus. Limbus quinquefidus, patentiſſimus, brevis, laciniis ovatis, acutis, æqualibus.

Stam. Filamenta quinque, ſubulata, tubo corollæ interne adnata, tubi longitudine. An[illegible]

Pist. Germen turbinatum, inferum. Stylus filiformis, erectus, longitudine corollæ [illegible]

Creſcit ad Caracas. In caldario floret Decembri. Exhibetur ramus florens.

44.

VANGUERIA COMMERSONII. *Juſſ. gen. pag. 206.*

Apud nos arbuſcula ſexpedalis, trunco cinereo & brachium craſſo. Rami ſunt teretes & geniculati; minores obtuſe tetragoni. Folia lanceolato-ovata vel etiam obverſe ovata, acutula vel obtuſa, integerrima, oppoſita, breviter petiolata, ſupra nitida & læte virentia, ſubtus pallidiora & venoſa, a quatuor ad octo uncias longa, inſipida, quotannis decidua, & una cum gemmis florum prodeuntia. Stipulæ inter petiolos oppoſitæ, ex lanceolata baſi ſubulatæ, erectæ, virides, ſemunciales. Pedunculi ramoſi, expan[illegible] [illegible]uli, ſeſquunciales, oppoſiti, multiflori, villoſuli, craſſuli, ſimuli, axillares infra folia ex [illegible]lis foliorum præteritorum. Calyx foris hirſutulus, & germen virent. Corolla ſordide & pallide flaveſcit, ejusque intus infra limbum barbatus eſt denſis albidisque. Antheræ fla[illegible] Fructus uncialis diametri. In pluribus floribus deficit una quinta pars [illegible] numerum partium, ut poſſit æque in Tetrandria locari.

Cal. Perianthium ſuperum, parvum, deciduum, quinquefidum, laciniis lanceolatis, ob[illegible]

Co[illegible] Limbus quinque[illegible] longitudine tubi, ad hunc parallele reflexus.

Stam. Filamenta quinque, ſubulata, breviſſima, tubo corollæ innata. Antheræ lanceo[illegible]

Pist. Germen inferum, ſubrotundum, diſco intra calycem coronatum circulari. Stylus ſubulatus, longitudine antherarum, ad latus corollæ inflexus. Stigma capitatum conico-oblongum, obtuſiſſimum, erectum.

Per. Drupa globoſa, coronata diſco ſub perſiſtente, quinquelocularis.

Sem. Nux in quolibet loculamento ſolitaria, oblonga, unilocularis. Nucleus ejusdem figuræ.

Creſcit ſponte in Madagascaria; incolis dicta *Voa vanga*. Colitur in inſula Mauritii, a gallis vocata *Neflier de Madagascar* ſive *Meſpilus madagascarienſis*. In horti caldario floret quotannis Junio, Auguſto vel Septembri. Fructum autem ad maturitatem nullum hucusque perduxit. Huic ad latus alterum rami florentis pingendum curavi fructum maturum ex loco natali una cum nuce. In altero intercedibant aucta flos et piſtillum.

45

SOLANDRA GRANDIFLORA. *Swartz act. [illegible] pag. [illegible] tab. [illegible] Swartz prodr. pag. [illegible] Ait. hort. kew. vol. 1. pag. [illegible]*

Quamquam celeberrimus Swartz hanc ſtirpem in actis ſuecicis deſcripſerit optime [illegible] habeam. Omnium lætiſſime in caldariis noſtris vegetat, floret Martio & Aprili [illegible] duodecimpedales, baſi ſeſcunciali diametri, teretes, glabelli, cinerei, erecti, debiles, ſcandentes, ramis viridibus, villoſis, longis, incrementi celeris. Folia ſparſa [illegible] utrinque villoſula, coriacea, tres quatuorve uncias longa, petiolis donata brevibus [illegible] ſis villoſiſque. Pedunculi terminales, plerumque ſolitarii, uniflori, craſſi, ad lentem villoſi, erecti. Flos maximus, ſubodoratus. Calyx & petalum foris minutiſſime villoſula [illegible] intus vero flaveſcens cum ſtriis faſciiſque purpureis & limbo albo. Characteri fructificationis, a Swartzio dato, nihil habeo, quod addam. Sed apud nos fructus [illegible] albus eſt, ſaporis ſubdulcis & ingrate fatui, odoris uti cucumerini & ingrati. Eſt bacca ovato-conica, acuta, ſtyli emarcidi baſi perſiſtente ſed tamen ad [illegible] decidua coronata, glabra, fere ovi magnitudine, calyce ſiſſo circumdata, quadrilocularis [illegible] branaceo, tenero & gracili, receptaculo carnoſo, quod ex fundo baccæ attollitur, loculamenta fere implet ad apicem usque, a baccæ parietibus undique liberum, tum & a diſſepimentis, quibuscum leviſſime duntaxat cohæret in ſolo angulo ex iisdem & cortice [illegible] implentur ſucco viſcoſiſſimo dulcedinis mellea. Semina oblonga fuſca.

Creſcit in Jamaica ad arborum truncos & fiſſuras rupium. In caldario floret Martio & Aprili. [illegible] fructus calyce ſiſſo muſſitans; idem tranſverſe diſſectus & ſemen.

46.

BUTNERIA CATALPAEFOLIA.

[illegible]

Frutex ſcandens, duodecimpedalis, ramoſus, erectus, totus inermis, ſed vel ad [illegible] trunco pollicem craſſo tereti & ſuſceſcente; ramis teretibus viridibusque. Folia alterna, cordata, cuſpidata, integerrima, ſeptemnervia, venis tranſverſis reticulata, longiora [illegible] ipſa baſi connata, rariſſime ſimplices, inordinate ramoſi, nonnumquam ſubpaniculati, [illegible]

[illegible] plus minus [illegible] longitudine. Flores inodori. Calycis foliola ſupra alba, ſubtus ex viridi pallentia. Petala alba, [illegible] infra collum [illegible] purpuraſcentia. Nectarium & filamenta alba. Antheræ pallide flavæ.

CAL. Perianthium profundiſſime quinquepartitum: foliolis lanceolatis, acutis, patentiſſimis, coloratis.

COR. Petala quinque, calyce paulo longiora, ex ungue recurvato & in arcum adſcendente ſubrotunda concava & [illegible]; hinc utrinque angulata abeunt in laciniam lanceolato-acuminatam & erecto-patulam.

Nectarium campanulata foliola quinque, [illegible] forma, concava, obtuſiſſima, erecta, [illegible] glabrum continens [illegible].

STAM. Filamenta quinque, [illegible] lingua lateribus [illegible] duorum foliolorum nectarii, ſuperne libera & recurvata. Antheræ didymæ.

PIST. Germen ſuperum, ſubrotundum, [illegible]. Stylus ſubulatus, [illegible]. Stigma [illegible] quinquedentatum.

Creſcit ad Caracas. In caldario floret Auguſto & Septembri. Exhibetur [illegible] ramus florens, ad cujus latus [illegible] cum filamentis & piſtillum.

47.

MAPPIA RACEMOSA

In caldario floret Aprili & Majo, tum etiam Octobri & Novembri; [illegible] mox decidunt flores, ut fructus maneat ignotus. Arbor ſempervirens, tota glabra; trunco ſex pedes alto, baſi diametro ſeſcunciali, erecto, cinereo-fuſco. Rami teretes, fuſceſcentes. Folia elliptica, acuminata, integerrima, nitida, ad ortum venarum [illegible] tuberculo munita, [illegible] breviter petiolata, alterna, a tribus ad quinque uncias longa. Racemi axillares, compoſiti, [illegible], bracteolis inferne muniti, [illegible]. Flores breviſſime pedicellati, fœtidi, parvi, ex flavo virentes. Calyx hirtulus; petala externe [illegible] hirtula, interne autem [illegible]. Filamenta & antheræ ex albo ſordide flaveſcunt.

CAL. Perianthium monophyllum, inferum, urceolatum, acute quinquedentatum, omnium minimum.

COR. Petala quinque, oblonga, concava, patentiſſima, apice acuto introrſum inflexo fornicata.

STAM. Filamenta quinque, ſubulata, erectiuſcula vel patula, fere longitudine corollæ. Antheræ oblongæ, didymæ, erectæ.

PIST. Germen ſuperum, ovatum, anguſtatum in Stylum brevem. Stigma capitatum, quinqueſulcatum, obtuſum.

Solus flos, etiam fructu ignoto, videtur novum genus indicare, quod dixi in memoriam Marci Mappi, ob Hiſtoriam plantarum Alſaticarum poſthumam bene meriti.

Patria ignoratur. Siſtuntur ramus florens, & auctus flos utrinque conſpectus.

41. 49.

I. HELICONIA HUMILIS

Heliconia foliis baſi anguſtatis, nervis ſimpliciſſimis; nectario adnato [illegible]

gusac vol. 2. pag. 391

Tota glaberrima. Radix perennis, carnoſa, intus albida, foris fuſca, fibris [illegible]

[illegible]

quipedalem vel paulo altiorem, pollicis craſſitie, erectum, in vaginis extimis fuſceſcen- [illegible]

[illegible] etiuſculos, ratione foliorum longitudinis diverſa, ſæpe pedales. Folia ipſa [illegible]

[illegible] dio ad ambitum porrectis ſimplicibusque percurſa, nitida, ab uno ad duos pedes & ultra longa, dimidiumque magis minusve pedem lata. Scapus teres, extra foliorum vagi[illegible] ...ſus ſpathisque ſormatis coccineus, nitidus, digitum craſſus, flexuoſus, erectus, ſemipedalis & ultra. Spathæ communes quinque apud nos, alternæ, diſtichæ, coriaceæ; [illegible]

[illegible] viridesque, multifloræ, ſemper aqua inodora & fere limpida pleniſſimæ, infima ſemper [illegible] dales, ſuperiores ſucceſſive paulo breviores. Flores plures, aggregati, ſeſſiles [illegible] denſe accumbentes & modo horizontaliter exeunt ex ſpadice ad baſin cujuslibet ſpathæ, atque in hac jacent fere occulti, donec expanſi paulisper attolluntur extra ſpatham [illegible]

[illegible] ...ulæ, albidæ, lanceatæ & flore multo latiori. Corolla inferne alba, ſuperne viridis. Nectarii foliolum ſuperius concolor corollæ, inferius totum album. Antheræ albidæ. [illegible]

[illegible]

Cor. monopetala, ſupera, incurva, ringens. Tubus cylindricus. Limbus tubo multo longior, bifidus. Lacinia ſuperior ſubſubulata, concava, per totum longitudinem dorſo nectarii adnata ſolo excepto apice bipartito in lacinulas lanceolatas acutas & [illegible]

[illegible] lanceolatam, calloſe acutam, planam, ſpiraliter totam revolutam, [illegible] longitudinis

Nectarium diphyllum. Foliolum ſuperius longe lanceol[illegible] ſubfalcatum, firmum, longitudine corollæ, ex hujus tubo ortum, apice tridenta- [illegible]

[illegible] Filamenta quinque, filiformia, longitudine corollæ, incluſa foliolo ſuperiori nectarii, baſi connata in cylindrum incluſum tubo petali. Antheræ lineares, erectæ [illegible]

Stigma obtuſum

[illegible]

Sem. ſolitaria, oblonga, hinc convexa, inde plana cum ſulculo longitudinali [illegible]

Creſcit ad Caracas & in Guiana. Floret æſtate. In tabula 48. folium mediocre & pars ſumma plantæ cum ſpadice necdum evoluto exhibentur. In tabula 49. ſiſtuntur [illegible] plantæ parte ſoliata. Spadix evolutus florens. a Spathæ diſſectæ pars [illegible] terne ſpectanda. b Florum congeries, a ſpadice abſciſſa. c Flos integer cum ſtaminibus incluſis & ſolo ſtyli apice eminente. d Flos poſt fœcundationem peractam, quando labium corollæ inferius erigitur totum & ſuperne connivet. e Corollæ labium ſuperius a tergo viſum, cum pertuſo nectarii foliolo ſuperiori, cujus apex tridentatus eſt, in ſtatu naturali autem arcte connivet, ut dentes diſpareant. f Spatha, cuilibet flori pro[illegible] dorſo conſpecta. g Eadem introrſum viſa. h Auctus filamentorum connatorum tubus cum quinque iiſdem truncatis, quorum anteriora ab invicem recedentia interſtitium relinquunt vacuum, quod occupatur a nectarii foliolo inferiori. i Auctum germen, ſectum transverſim, ut loculamenta ſpectari queant cum ſingulis ſeminibus etiam diſſectis. k In centro columna teres carnoſa eſt, quæ ad receptaculum usque pergit. l Pericarpium poſt tres hebdomadas inſpectum, quo tempore omnia abortiverunt. Ex hoc examinato patuit, pericarpium duntaxat eſſe partem ſuperiorem rubentem, in cujus fundo ſemina hærebant [illegible] ex loco natali, ex utraque [illegible]

Obſervatio. Vere differt ſpecie hæc planta a Bihai ſive Vaſculis coccineis Plumieri, imprimis ſtatura multo minore foliisque utrinque acutis, etiamſi floris ſtructura fere conveniat. Confuſionem in Heliconias induxit Linnæus filius in Supplemento ſuo, quo plures autores decepti fuerunt, in Horto Kewenſi jam animadverſam. Hæc ut [illegible] tollatur, deſcribam hic quoque Plumieri illam plantam, quantum licet ex Plumieri deſcriptione manuſcripta eaque, ſine fructificatione, incompleta. Creſcere hanc [illegible] vidi in ſylvis umbroſis montoſisque Martinicæ, ubi ab incolis *Baliſier* vocatur, ſpecioſiſſima ſi quæ alia planta. Sex individua juniora anno 1756 miſeram in Europam, quæ omnes in navi a muribus gliribusve in itinere deſtructæ radicitus fuerunt, unde in horto apud nos non exiſtit. Synonymia ejus hodie hæc eſt.

H. Heliconia (Bihai) foliis oblongis, ſpathis navicularibus, patentibus, [illegible]bus. *Ait. Kew. vol. 1. pag. 284.*

Heliconia (caribæa) foliis baſi & apice rotundatis; ſpadice recto terminali, ſpathis diſtichis, multifloris. *Lamark. enc. vol. 1. pag. 426.*

Bihai ampliſſimis foliis, florum vaſculis coccineis. *Plum. gen. pa*[illegible]

Muſa (Bihai) ſpadice erecto, ſpathis perſiſtentibus. *Linn. ſpec. pl. pag. 1477. Aubl. g*[illegible]

Baliſier. *Labat. it. vol. 3. pag. 5. 7.* cum figura ſpadicis omnium ineptiſſima.

Tota glabra & inodora eſt. Radix craſſa, nodoſa, ſobolifera, foris nigra, intus alba, pluribus craſſisque fibris ſtipata. Truncus ex foliorum vaginis mutuo involventibus craſſis ſimplexque formatus, teres, firmus, craſſitie cruris, a quinque ad ſex pedes altus una cum foliis duodecimpedalis & altior planta. Folia oblonga, utrinque obtuſa & [illegible] undata, integerrima, venis nervoſormibus a nervo medio verſus paginæ oras protenſis parallelis ſimplicibusque percurſa, nullatenus reticulata, ſexpedalia, pedem lata, petiolo inſiſtentia tereti, ſuperne canaliculato, firmo, pollicem craſſo, longoque. Scapus truncum dictum permeat, extra hunc ex ejus ſummitate inter folia emergit, erectus, pollicem craſſus, teres, coccineus; in ſpadicem terminatus bipedalem, erectum, cui alternatim adſident ſpathæ cymbiformes, conniventes, diſtichæ, utrinque a quinque ad ſeptem, ſemipedales & ultra, acutæ, nitidiſſime coccineæ, aqua ſemper plenæ. In ſingulis iis occultantur flores aggregati plures, ſinguli propria ſpatha circumdati, virides cum fla-

menſis albis antheriſque luteis. Pericarpium ſequitur carnoſulum, triquetrum, cæruleſcens, triloculare. Semina ſolitaria, oblonga, rugoſa.

Heliconiam, quam celeberrimus Swartz in Obſervationibus ſuis botanicis pagina 96 ſub titulo Heliconiæ Bihai deſcribit, puto ad præcedentes non pertinere, ſed novam eſſe Heliconiæ ſpeciem, foliis utrinque anguſtatis ab Heliconia Bihai Plumieri, cui folia ſunt utroque fine obtuſiſſima & rotundata, & ab Heliconia humili ob ſtaturam, & ſpathæ colorem ipſoſque flores diverſam. Hujus ſynonymiam pono ſequentem

III. Heliconia luteofuſca.

Heliconia (Bihai) foliis ſpadiceque radicalibus, ſpathis diſtichis, cordatis, nectario ventricoſo, apice trifido. *Swartz obſ. pag. 96.*

Muſa ſpadice erecto, ſpathis rigidis amplexantibus, diſtiche & alternatim ſitis. *Brown. jam. pag. 364.*

Muſa minor, foliis minoribus nigricantibus, fructu minimo erecto. *Sloan. hiſt. jam. vol. 2. pag. 147.*

Plumierus mentionem facit aliarum duarum Heliconiarum, quas mihi videre haud contigit. Linnæus in Speciebus & Aubletus autumant, meras eſſe varietates Heliconiæ Bihai. In Mantiſſa vero Linnæus ſuſpicatur, ſpecies forte plures eſſe, ab invicem diſtinguendas ab autopta. Ad hanc quoque ſententiam accedo. At vero de qua Heliconiæ ſpecie nunc dictum Linnæus hic loquatur, dum dicit plantam tripedalem, folia utrinque acuta, ſpathas rubellas, & corollas croceas, ego non capio. Certe non talis eſt Heliconia Bihai Plumieri, nec eſt mea. Sunt ergo

IV. Heliconia variegata.

Bihai ampliſſimis foliis, florum vaſculis variegatis. *Plum. gen. pag. 51. Plum. mſſ. vol. 6. tab. 65.*

V. Heliconia nigreſcens.

Bihai ampliſſimis foliis, florum vaſculis ſubnigris. *Plum. gen. pag. 51. Plum. mſſ. vol. 6. tab. 64.*

Hic notare debeo, Plumierum manifeſte per vaſcula hic intelligere ſpathas communes, nec fructum, uti crediderunt aliqui. Hinc arbitror, ſynonymum Bihai Americanum folio anguſtiore & acuminato, florum vaſculis anguſtis & coccineis, quod Aubletus Heliconiæ ſuæ humili ſubjicit abſque nomine autoris, forſitan eſſe Plumieri. Vidi in America (locus excidit) Heliconiam ſtatura humana cum ſpathis flaviſſimis utrinque circiter tribus, forte etiam novam ſpeciem; quæ foret

VI. Heliconia flava.

VII. Forte planta a Meriana ſurin. pag. & tab. 54. deſcripta & delineata ſub titulo Ballis, novam aliam Heliconiæ ſpeciem exhibet.

50.

ASCLEPIAS ARBORESCENS.

Aſclepias fruticoſa, ramis villoſis; foliis ſubovatis.

Aſclepias foliis revolutis, ovatis; caule fruticoſo, ſubvilloſo. *Linn. ſyſt. pag. 259.*

Apocynum fruteſcens, latis & undulatis foliis, floribus umbellatis, fructu gemino ſulcato ſinuoſo. *Burm. afr. pag. 32. tab. 13.*

Tota lacteſcit abunde. Caules ex eadem radice plures, fruticoſi, humanam alti-

ſudorem hinc inde [illegible] paraſemper debiles. Rami teretes, craſſi, denſe villoſi, molles, virentes cum ſuffuſa purpura. Folia ſunt oppoſita, approximata, breviſſime & craſſe petiolata, ovato-oblonga, obtuſiuſcula cum exiguo [illegible] integerrima, utrinque glabra, ſubcoriacea, aliqua ſæpe (nec omnia, in no[illegible] [illegible] Pedunculi communes [illegible] teretes, villoſi, craſſiuſculi, erectiuſculi. Umbella ampla, leniter nutans, ſuffulta bracteolis linearibus & villoſis. Pedicelli villoſi, unciales. Flores fœtiduli [illegible] ſtructuram [illegible] [illegible] Nectarii folliculi ſordide flaveſcunt, corniculis deſtituuntur, ſuntque ſic ſucco aqueo dulciſſimo pleni, ut continuo hoc depluant. Vagina ſuſceſcit.

Creſcit ad Promontorium bonæ Spei. Floret Majo & Junio. Siſtuntur ramus floreus [illegible] nectarii corniculis.

51

ARALIA ARBOREA

Aralia arborea, foliis ſimplicibus; umbellæ univerſalis radiis uniglanduloſis. *Linn. ſyſt. pag.* [illegible]

Aralia arboreſcens [illegible] radiis [illegible] glandulis ornatis. *Browne jam. pag. 189.*

Hedera arbor, foliis haſtatis. *Plum. ic. pag. 139. tab. 148.*

Tota glabra. Arbor a duodecim ad quindecim pedes alta, erecta, ramis fragilibus, fractis odoris pauci ingrati, ſaporis etiam ingrati. Folia ovata, acuminata, ſæpe etiam baſi acuta & tunc lanceolato-ovata, obſolete ſerrulata, nonnunquam integerrima fere, ſubcoriacea, utrinque nitidiſſima, dorſo pallidius virentia, ſparſa, ſumma approximata [illegible] pe-dunculos laterales craſſos, teretes, patentiſſimos, duobus (rarius unico) tuberculis glanduloſis in decurſu exaſperatos, plus minus ſenos & præter hos adhuc terminales ex eodem centro a tribus ad ſex, plus minus ſeſquiunciales, bracteis ſuffultos late ſubulatis acutis [illegible] edentatum ſuſtinet receptaculum commune veluti paleaceum, ex cujus centro pedicelli proprii egrediuntur a viginti quinque ad quadraginta, quadrilineares, in umbellam patentes, uniflori. Flores parvi, cum flavedine aliqua pallentes, haud grate odorati. Antheræ albæ. Bacca atra, piſi magnitudine.

CAL. Perianthium parvum, quinquedentatum, acutum, ſuperum.

COR. Petala quinque, ovata, acuta cum apice inflexo, primo die patentiſſima, altero reflexa, dein decidua.

STAM. Filamenta quinque, ſubulata, erecta, petalis paulo breviora. Antheræ didymæ, incumbentes.

PIST. Germen [illegible] ſuperne cum altera [illegible] verticem ſemiovatum & deſinentem in Stylum quinquefidum breviſſimum. Stigmata ſimplicia.

PER. Bacca ſubrotunda, quinquelocularis, coronata ſtylo & ſtigmatibus.

SEM. ſolitaria aut gemina, compreſſo-plana, interna facie plana, externa convexa.

Creſcit in Cuba, Jamaica, Caracas. In caldario floret Junio & Julio, fructeſcit Auguſto. Exhibentur in tabula ramus florens, aucti flores & calyx cum germine, pars racemi fructeſcentis, ſemen, & auctus baccæ apex.

54.

CRASSULA TURRITA.

Craſſula [illegible] connata quadrifariam imbricata ovato-oblonga acuta, ciliata. *Thunb. prodr. pag. 55*

Radix perennis conſtat fibris pluribus craſſis. Folia inferiora ſunt cruciata, plurima preſſe mutuo incumbentia, ſeſſilia, diſtincta, patentiſſima, ex oblongo ovata, duas uncias longa. Subſequa ſunt ſucceſſive breviora, ovata, connata, magis diſtantia. Omnia craſſa, utrinque glabra & ad lentem punctata, acuta, pilis albis longisque ciliata & ad apicem barbata, nullibi cartilaginea. Caulis annuus, teres, calamo craſſior, glaber, ad folia articulatus, dilute virens, pedalis & ultra. Inflorescentia mentitur ſpicam elongatam & verticillatam: nam flores aggregatim plures ſubſeſſiles, plerumque ſeptem, ex omnibus foliorum oppoſitorum ſuperiorum axillis egrediuntur, & folia tantopere imminuuntur magnitudine, ut meras bracteolas referant, unde ſpicæ forma naſcitur. Tum etiam floribus ſingulis bracteolæ interjiciuntur, ovatæ exteriores, lanceolatæ interiores, glabræ, longitudine calycis. Flores parvi. Calyx craſſiuſculus & glaber viret. Corolla [illegible]ce paulo longior, pallida, ad apices rubra. Filamenta, germina & nectarii ſquamæ ex viridi pallent. Antheræ flavent. Omnia ad characterem Linnæanum.

Ex Promontorio bonæ Spei. Floret in tepidario a Februario ad Junium. Siſtitur tota planta florens biennis [illegible] flos auctus. Dein radix evadit multiceps, & plures [illegible]

55.

MAHERNIA GLABRATA.

Mahernia foliis lanceolatis, acutis, inciſo-ſerratis; pedunculis bifloris. *Cavanill. diſſ. pag. 326. tab. 200. fig. 1*

Hermannia glabrata. *Linn. ſyſt. pag. 611*

Caulis fruticoſus, ramoſus, diffuſus, debilis, tripedalis, teres, ferrugineus, ad lentem hirtulus, calamum plus minus craſſus, ramis longis, reclinatis, junioribus [illegible]dibus & hirtulis. Folia ſunt alterna, breviter petiolata, anguſte & elongate lanceolata, acutula, utrinque dentibus plus minus tribus, inciſo-ſerrata, fere uncialia, patentiſſima, per [illegible] aggregatis. Stipulæ lineari-lanceolatæ, acutæ, integerrimæ, hirtulæ. Pedunculi termi[illegible] & ad diviſionem ſuffulti bracteola amplexicauli lata & inciſa, altero ſæpe multo præco[illegible]. Flores cernui, odoratiſſimi. Calyx hirtus viret. Corolla eſt lutea. Semina ſubfuſca. Corolla in fructu connivens & emarcida capſulam includit.

Cal. Perianthium [illegible] quinquepartitum, laciniis lanceolatis, acutis, erectis.

Cor. Petala quinque, calyce fere duplo longiora, ſubovata, rotundata, ungue concavo adſcendentia, patula, mutuo incumbentia.

Stam. Filamenta quinque, baſi leviſſime connata, filiformia, circa medium incraſſata in

diſcum lenticularem & ad oras ciliatum, erecta, longitudine germinis. Antheræ [illegible] ſtatæ didymæ, apice bifidæ acuminatæ, erectæ, in conum conniventes, ſuperne lateraliter utrinque dehiſcentes, villoſulæ, inferiore utraque extremitate extrorſum incurvata & ad baſin barbata.

P[illegible] Germen oblongum, quinque-ſulcatum, [illegible] ſtellato-[illegible] villoſum, obtuſum, pilis capitatis coronatum. Styli quinque, erecti, contigui, villoſi, antheris longiores [illegible] Stigmata [illegible]

Per. Capſula oblonga, obtuſa, quinqueſulcata, [illegible] ſemina [illegible], quinquelocularis, quinque-[illegible]

Sem. [illegible] loculamento fere ſex, reniformia, glabra.

Ex Promontorio bonæ Spei. Floret primo vere. Siſtuntur caulis pars, folii [illegible] [illegible] aucta, capſula [illegible] magnitudine eademque aucta, tum aucta piſtillum, [illegible] [illegible], & [illegible]

54.

MAHERNIA INCISA.

Mahernia foliis pinnatifidis [illegible] pedunculis [illegible] caule [illegible]

Frutex ramoſus [illegible] Caulis [illegible] Ta[illegible], [illegible] res [illegible] Folia [illegible] pinnatifida & [illegible] Stipulæ [illegible] Corolla [illegible] purpurea [illegible] Capſula [illegible] Semina [illegible]

Ca[l]. [illegible] fere ad baſin quinque [illegible] laciniis [illegible] [illegible]

Cor. Petala quinque [illegible] obtuſa [illegible] erecta, apice patula, [illegible]

Stam. [illegible] quinque [illegible] diſcum ad [illegible] [illegible] dilatata, [illegible] inferiore [illegible] extrorſum [illegible] ad apicem barbata.

Pi[ſt]. [illegible] quinquefulcatum [illegible] obtuſum. Styli quinque, connati, erecti, ſtaminibus longiores. Stigmata ſimplicia, obtuſa.

Ex Promontorio bonæ Spei. Floret a Junio ad Octobrim. Siſtuntur pars caulis & [illegible] [illegible]

55.

BROMELIA C[illegible]

[illegible] glaucis

Ex ſobole laterali facile propagatur; nam in fructibus unicum huc uſque ſemen maturum [illegible] [illegible] [illegible]

ramoſa, ad latus ſobolifera. Folia numeroſa, rigidiſſima, mucronata validiſſime, ciliis ſpinoſis incurvis viridibus cum apice ex fuſco flaveſcente armata, ſupra viridia & nitida, dorſo ſtriata glabra & pallidiora, concava, & duos treſve pedes longa. Caulis ſeſquipedalis & ultra, baſi pollicem craſſus, ſtricte erectus, teres, villis ferrugineis adſperſus inferne veſtitus foliis alternis, priorum ſimilibus, ſed multo brevioribus, dein abiens in racemum compoſitum pyramidatum denſumque. Pedunculi inferiores racemoſe quatuor vel quinque flores breviter pedicellatos gerunt, bracteis ovato-acuminatis fulfultos: pedunculi ſubſequi gerunt flores pauciores, ſummi ſunt uniflori. Pedicelli ſunt craſſi & virides. Flores odorem fortem fragorum ſpirant. Calyx coriaceus, foris ad lentem puncta habet elevata, viret cum oris albidis, in fructu inferne incraſſatur, flavet, & ſuperiorem fructus partem mentitur. Corolla carnoſa, craſſa, rigidula, lutea, & ſubtus in medio virens. Filamenta albent. Antheræ virent. Germen eſt glabrum & ad lentem punctatum. Stylus albet. Fructus odorem Ananæ habet, luteus, ſine omni acore dulciſſimus, nitidusque. Semina rugoſiuſcula, ſuccrea.

CAL. Perianthium ſuperum, tripartitum, erectum, perſiſtens, laciniis ovatis, acutis, concavis, ad oras tenuiter membranaceis & eroſo-denticulatis.

COR. Petala tria, ſpathulata, acutula, calyce triplo longiora, inferne erecta interiusque mutuo incumbentia, ſuperne patentiuſcula.

Nectarium nullum.

STAM. Filamenta ſex, ſubulata, erecta, breviſſima, orta ex ungue baſi petalorum. Antheræ lineares, ſagittatæ, ſuberectæ.

PIST. Germen inferum, turbinatum, incurvatum, obſolete triangulare. Stylus filiformis, triſulcatus, erectus, longitudine ſtaminum. Stigma trifidum, laciniis ſublanceolatis, undulatis, acutis, ad oras per pilos clavatos ciliatis.

PER. Bacca turbinata, calyce corollaque marcidis coronata, trilocularis.

SEM. ſolitaria, ovata, acuta.

Creſcit ad Caracas. In caldario floret Aprili & Majo, fructeſcit Junio & Julio. Siſtitur planta florens cum truncatis pleriſque foliis, quæ capere charta non poterat. Dein petalum cum ſtamine; fructus maturus; idem tranſverſe ſectus ſed ſterilis cum loculamentis inanibus, ut fieri plerumque ſolet, ſemen ex fructu fertili rariſſimo, quod germen [illegible], auctus ſtylus cum ſtigmate.

56

HAEMANTHUS TIGRINUS.

Hæmanthus foliis oblongis, ciliatis, ſubtus [illegible] ſcapo maculato, umbella coarctata.

Bulbus ovatus, ſquamoſus, compreſſus, pugni magnitudine, ſordide albeſcens; ſquamis [illegible] carnoſis, craſſis, [illegible]. Folia [illegible] poſt ſcapum florentem; ſuntque duo, oppoſita, ex lanceolato oblonga, obtuſiuſcula, craſſula, [illegible] ſtriata, ad [illegible] punctata, [illegible] pilis [illegible], cæterum glabra, inferne ſubtus maculis ferrugineis adſperſa, novem vel decem uncias longa, quatuor lata. Scapus ante folia, compreſſus, firmus, erectus, ſemipedalis, calamo duplo craſſior, pallide virens [illegible] ſanguineis eleganter variegatus. [illegible] ola fere novem, oblonga, obtuſiſſima, integerrima, glabra, erecta, latitudine [illegible] ſanguineis [illegible] rubro [illegible]. Flores numeroſi, erecti, [illegible] pedicellati. Corolla inferne [illegible] ſuperne [illegible]. Tubus [illegible] ſuperne paullulum ampliatus. Laciniæ ſex, lineares, obtuſæ, ſuperne concavæ, erectæ, æquales, unciales. Filamenta ſubulata, erecta, corollæ concoloria, eademque ad [illegible]

tertiam longiora. Antherae flavae. Germen [illegible]. St[illegible] erectus, colore & longitudine filamentorum. Stigma obtuſum [illegible]. A laborum margine nomen triviale dedi.

Ex Promontorio bonae Spei. Floret Septembri. Siſtuntur ſcapus florens, planta tota poſt floreſcentiam, flos ſeorſim, & circumferentia truncati ſcapi.

57

HAEMANTHUS COARCTATUS

Haemanthus foliis lanceolatis, glabris, immaculatis, umbella coarctato-oblonga.

Totus glaber. Bulbus ex oblongo ovatus, ſquamoſus, pugni magnitudine, compreſſus, ſquamis craſſis, carnoſis, truncatis, ſordide albentibus, margine tenuiſſimo fuligineo marcidoque circumdatus, diſtichus, imbricatis. Folia prodeunt poſt ſcapum florentem [illegible] patula, fere pedalia. Saepe ad latus ſcapi alia folia ſimul prodeunt parva & [illegible]. Scapus ante folia, valde compreſſus, erectiuſculus, ad folia lateralis, viridis cum punctis ſanguineis, octo vel novem uncias longus. Involucri magni foliola fere ſex, oblonga, [illegible] inaequalia, ſemuncialia. Flores numeroſi, erecti, pedicellati, longitudine involucri. Germen oblongum. Caeterum exacte conveniunt cum floribus Haemanthi [illegible].

Ex Promontorio bonae Spei. Floret Novembri. In tabula habentur ſcapus florens, planta poſt floreſcentiam, flos

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HAEMANTHUS QUADRIVALVIS

Haemanthus [illegible] ſubtus glabris [illegible] campanulato, quadrivalvi.

Bulbus ſquamoſus, compreſſo-planus, ultra duas uncias latus, baſi fibris calamo craſſioribus radicatus, ſordide pallens, ſquamis diſtichis, carnoſis, oblongis, truncatis, craſſiſſimis, imbricatis, interioribus in bulbum oblongo-ovatum mutuo amplexantibus. Folia poſt florentem ſcapum prodeunt duo, oppoſita, elongate ſublanceolata, acuta, integerrima, coriacea, ſtriata, patentia, plana, novem circiter uncias longa & plus minus ſeſqunciam lata, utrinque viridia, ad oras pilis mollibus ciliata, ſubtus glabra nitentia & [illegible] minus. Scapus ante folia, compreſſus, glaber, calamum craſſus, ſordide ſanguineus, tres [illegible] foliolis lanceolatis, acutulis, integerrimis, inferne erectis, ſuperne patentibus. Flores circiter viginti, involucro breviores, breviter pedicellati, cum interjectis ramentis linearibus [illegible] ſuperne in marginem ſexgibboſum & rubeſcentem ampliatum. Laciniae ſex, lineares, obtuſae, concavae, erectae, longae, coriaceae. Filamenta ſex, ſubulata, erecta, corollam leviter ſuperantia, orta ex ſummo tubo corollae. Antherae oblongae, incumbentes, flavae. Germen [illegible] bus longior. Stigma trifidum, acutum, patulum.

Ex Promontorio bonæ Spei. Floret Septembri. Exhibentur planta florens, eadem folioſa poſt floreſcentiam, & flos.

59.

HAEMANTHUS ALBIFLOS.

Hæmanthus foliis lanceolatis, ciliatis, ſcapo hirſuto, declinato.

Bulbus ſubrotundus, vix compreſſus, pollicem craſſus, tunicatus. Folia pauca, lanceolata, acutula, integerrima, craſſa, ſuperne ad oras ciliata, utrinque glabra & punctata, ſubtiliſſime ſtriatula, ſemipedalia, ab uncia ad duas & ultra uncias lata, tunc demum prodeuntia, quando ſcapus florere incipit, primum erecta, dein procumbentia. Scapus ad folia lateralis, compreſſiuſculus, hirſutus, calamum craſſus, declinatus, viridis, rigidulus, plus minus triuncialis. Florum plurium umbella erecta & denſa. Involucri tetraphylli foliola ovata, acuta, erecta, glabra, alba cum ſtriis virentibus, fere uncialia, floribus breviora, duo oppoſita expanſa, alia duo conniventiſſima, hinc compreſſa & carinata. Pedunculi breviſſimi, teretiuſculi, glabri, virides, cum interjectis ramentis linearibus & albis. Corolla, filamenta & ſtylus albent. Antheræ flavent. Germen nitidum viret. Bacca piſo major, nitida, miniata. Semina alba, glabra.

CAL. Involucrum tetraphyllum, ut ſupra.

COR. monopetala, ſupera, erecta. Tubus brevis, teres, ſexſulcatus. Limbi ſexfidi laciniæ lineares, obtuſæ, concavæ, æquales.

STAM. Filamenta ſex, filiformia, erecta, petalo longiora, inſerta ſummo tubo corollæ. Antheræ oblongæ, incumbentes.

PIST. Germen inferum, teres, obſolete triquetrum. Stylus longitudine & figura filamentorum. Stigma ſimplex.

PER. Bacca ſubrotunda, trilocularis.

SEM. ſolitaria.

Ex Promontorio bonæ Spei. Floret Octobri & Novembri. Fructeſcit Februario & Martio. In tabula ſiſtuntur ſcapus florens, planta fructeſcens, flos & ſemen.

60.

HAEMANTHUS LANCEÆFOLIUS.

Hæmanthus foliis longe lanceolatis, retrorſum ciliatis, ſcapo glabro, umbella faſtigiata, involucro duplo longiore.

Bulbus ovatus, compreſſus, ſquamis diſtichis, foris fuſcus, juglandis magnitudine. Folia poſt florentem ſcapum duo, rarius tria, elongate lanceolata, acuta, integerrima, ſubcarinata, utrinque glabra, venoſa & ad lentem punctata, ad oras pilis reverſis denſe ciliata, facie profunde & ſubtus pallide viridia, pleraque proſtrata, rarius erectiuſcula, plus minus ſemipedem longa, duaſque uncias lata. Scapus ante folia, compreſſus ut fere anceps, glaber, erectiuſculus, duas lineas latus, umbella faſtigiata florum plus minus ſeptem terminatus. Spatha glabra, purpuraſcens. Pedunculi graciles, glabri, erecti, virides, ſemunciales. Corolla alba, ſubtus roſeo colore leviter tincta. Filamenta albent. Antheræ luteæ. Germen purpuraſcit. Stylus albus, ſuperne rubens.

CAL. Spatha quadrivalvis, valvulis lanceolatis, acutis, concavis, erectis, inæqualibus.

COR. monopetala, profunde ſexpartita, ſupera, laciniis linearibus, obtuſis, parumper concavis, æqualibus, patentiſſimis, tribus alternis apice calloſis.

Stam. Filamenta ſex, ſubulata, erecta, corollam ſuperantia, tria alterna breviora. Antheræ oblongæ, incumbentes.

Pist. Germen oblongum, obſolete triquetrum, inferum. Stylus ſubulatus, erectus, ſtaminibus brevior. Stigma ſimplex, acutum.

Ex Promontorio bonæ Spei. Floret Septembri. Tabula ſiſtit ſcapum florentem & bulbum folioſum.

61

HAEMANTHUS PUMILIO

Haemanthus foliis lineari-lanceolatis, glabris, falcatis, umbella pauciflora.

Totus glaber. Bulbus ovatus, compreſſus, ſquamoſus, avellana major, ſquamis carnoſis, craſſis, diſtichis. Folia poſt floreſcentiam prodeunt duo, & adoleſcunt circiter Decembri, lineari-lanceolata, acutiuſcula, integerrima, falcatula, craſſiuſcula, erectiuſcula, virentia, inferne ſubtus paucis maculis ferrugineis adſperſa, quatuor vel quinque uncias longa, & totidem lineas lata. Scapus lateralis, plus minus biuncialis. Flores in umbella quatuor vel quinque. Stylus totus albus. Reliqua omnia adamuſſim conveniunt cum Haemanthus lanceæfolio &c., ut vix diſtingui poſſint.

Ex Promontorio bonæ Spei. Floret Auguſto & Septembri. Siſtuntur ſcapus florens, & bulbus folioſus.

62

AMARYLLIS ELATA

Amaryllis ſpatha ſubtriflora, pedunculis [illegible] erectis, limbo campanulato, erecto, fauce glabra.

Tota glabra eſt. Bulbus ovatus, tunicatus, foris fuſceſcens, plus minus diametri duarum unciarum. Folia fere quatuor, ſemi[illegible]-linearia, obtuſa, [illegible] inferne erecta purpurea & canaliculata, ſuperne plana & patula, craſſula, coriacea, ſeſquipedalia. Scapus centralis, ſic ut unum folium habeat ex uno latere, tria ex adverſo, baſi fere digitum minimum craſſus, teres, leviſſime compreſſus, fiſtuloſus, erectiuſculus, foliis paulo altior, cum ſucco amaricante. Flores plerumque terni, umbellati, [illegible] erecti, quatuor uncias longi, [illegible]. Pedunculi dimidiam vel ad ſummum unciam longi, ſemiteretes, erecti, virides. Spatha bivalvis, erecta, acuta, ſtriata, fere biuncialis, ſordide & pallide purpuraſcens: valvulis lanceolatis, [illegible]. Ramenta pedunculis interjiciuntur. Corollæ tubus triquetrus, brevis, ex purpureo [illegible], paulatim in faucem glaberrimam dilatatur campanulatam & utrinque ſaturate cinnabarinam. Limbi ſeſſili & ampli laciniæ ſunt planæ, patulæ & fauci concolores, quarum tres interiores paulo anguſtiores lanceolatæ & obtuſulæ, tres exteriores obverſe ovatæ & mucronatæ. Stamina proportione & directione æqualia. Filamenta ſex, ſubulata, per totum corollæ tubum & faucem ad lacinias uſque adnata, in orbem patula, corolla paulo breviora, [illegible] ſuperne [illegible]. Antheræ oblongæ, incumbentes, obtuſæ, flaveſcentes cum polline luteo. Germen inferum, oblongum, triquetrum, [illegible]. Stylus filiformis, longitudine corollæ, colore filamentorum, declinatus. Stigma ſubcapitatum, trilobum, albidum. Faux infra lacinias in pulvinar pallidum cum media linea ſaturatius tincta per totam longitudinem interne attollitur.

Ex Promontorio bonæ Spei. Floret Julio. In tabula ſiſtuntur planta florens integra & portio corollæ interne ſpectatæ.

63

AMARYLLIS EQUESTRIS.

Ama[illegible] limbo ſurſum oblique patulo, fauce piloſa. *Ait. kew.* [illegible] *pag.* 41.

Ama[illegible]

Lilium americanum puniceo flore, Belladonna dictum. *Herm. par. pag.* 194. *tab.* 194.

Li[illegible] *tab.* [illegible]

Bulbus ex ovato ſubrotundus, tunicatus, foris fuſcus, juglandis magnitudine. Fo- [illegible] buſtula, pedalia, a quinque ad novem uncias longa, ad ſummum [illegible]. Scapus ante folia prodit, iiſdem lateralis glaber, fiſtuloſus, teres, inferne compreſſiuſculus, aſcendendo compreſſiſſimus & ſtriatus, ſurſum ſucceſſive graciliſcens, viridis, glauco [illegible] tectus, erectus, pedalis. Spatha tetraphylla, ſordide purpuraſcens, valvulis lanceola[illegible] majores. Flores in noſtris individuis ſemper gemelli, alter altero praecocior, inodori, [illegible] pedunculi craſſi, erecti ſpatha interiore breviores. Corol- [illegible] Tubus cylindricus, fere calamum craſſus, teres, ſulcatus [illegible] pura fuſceſcens, vix uncialis hinc diviſus in limbum ſexfidum, infundibuliformem, ſuperne patentiſſimum, ſaepe ad apices reflexum, eleganter miniatum, baſi interiore [illegible] dum, laciniis oblongis, acutis, lineatis, ſubundulatis quarum tres interiores anguſtiores, & ex his ſuperiores duae in ipſo ortu ad utramque marginem barbato-ciliatae ſunt. Genitalia declinata. Filamenta & ſtylus ſunt concoloria corollae. Antherae oblongae, [illegible]

Creſcit in Surinamo & in inſula Barbadenſi. In caldario floret Martio & Aprili. Exhibentur ſcapus florens, bulbus folioſus, & flos antice introſpectus.

64

[illegible] CURVIFOLIA.

[illegible]

Tota glabra. Bulbus tunicatus, ovatus aut magis ſubrotundus, externe [illegible] diametri ſeſcuncialis. Folia plura prodeunt jam florente ſcapo, eodemque fructeſcente [illegible] compreſſiuſculus, erectus, pedalis, parumper flexuoſus. Umbella florum plus minus octo. Spatha bivalvis, valvulis lanceolatis, acutis, rubris. Pedunculi fere biunciales, erecti, virides, cum interjectis ramentis linearibus. Petala baſi leviſſime connata, anguſte lanceolata, acuta, undulata, inferne erecta, dein patentia, ſupra medium revoluta, ſeſcuncialia, inodora, ruberrima & rutila. Filamenta ſubulata, ruberrima, approximata, erectiuſcula, corollam ſuperantia, tria alterna breviora. Antherae oblongae, obtuſae, in[illegible]bentes, violaceae cum polline flaveſcente. Germen ſubrotundum, trilobum, nitidum, viride, inferum. Stylus figura, ſitu & colore ſtaminum, iiſdem paulo longior. Capſula ſubrotunda, ob ſemina magna inaequaliter protuberans, coloris ſtraminei, trilocularis, trivalvis. Semen unum alterumve, ſubrotundum.

Ex Promontorio bonæ Spei. Floret Septembri & Octobri; fructeſcit Novembri. Siſtuntur ſcapus florens, bulbus folioſus, capſula & ſemen.

65.

AMARYLLIS MARGINATA

Amaryllis ſpatha multiflora; corollis patentiſſimis & apice reflexis; pedicellis erectis; foliis ſublinguæformibus, proſtratis, cinctis margine colorato & verſus apicem un- [illegible]

Tota glabra. Bulbus ovatus, tunicatus, duas uncias longus, tunicis exterioribus fuſcis emarcidis & laceris, fibras ex baſi emittens albidas ſemipedales & calamum craſſas. Folia plantæ jam florente prodeunt, ſub finem Novembris demum adulta, ut plurimum [illegible] quatuor, diſticha utrinque duo, elongate oblonga, obtuſiuſcula, plana, coriacea [illegible] minus novem uncias longa & duas lata, tota terræ incumbentia, ſubtus ſtriata, ſupra ſaturatiſſime viridia & minutiſſime pulvinata, integerrima, cincta margine rubro & verſus apicem undulato, ut hic videatur folium crenulatum. Scapus ante folia, lateralis, valde compreſſus, calamo fere duplo craſſior, ſemipedalis, erectus, tandem ob florum [illegible] dus leviter reclinatus, ex purpureo ſordide vireſcens. Umbella terminalis, convexiuſcula, [illegible] las uncia partes latis. Pedunculi plus minus quatuordecim, pennam columbinam craſſi [illegible] ſetuloſi. Corollæ intus rubræ & ſaturæ, foris magis dilutæ, tubus breviſſimus & erectus; laciniæ lanceolatæ, acutæ, ſubæquales, obſolete undulatæ, fere totæ patentiſſimæ cum apicibus [illegible] paulo longiora, tria alterna paulo breviora reliquis. Antheræ lineares, incumbentes, ſublividæ cum polline albo. Germen inferum, triquetrum, viride. Stylus filiformis, [illegible] ſula obverſe ovata, profunde triſulcata, glabra, ad maturitatem non perveni[illegible]

Creſcit ad Promontorium bonæ Spei. Floret Septembri & Octobri. Exhibentur ſcapus florens & bulbus folioſus.

66.

AMARYLLIS SARNIENSIS

Amaryllis ſpatha multiflora; corollis patentiſſimis, apice reflexis, genitalibus [illegible] lis, corolla longioribus; foliis enſiformi-linearibus.

Plantam hic deſcribo ex Promontorio bonæ Spei, quam ab Amaryllide ſarnienſi ob nimiam ſimilitudinem ſeparare non audeo. Floribus variat ſaturate ſanguineis & pallidius rubentibus. Tota glabra eſt. Bulbus ex ſubrotundo ovatus, tunicatus, foris fuſcus, [illegible] magnitudine. Folia plura, ſublinearia, obtuſiuſcula, leviter canaliculata, integerrima, [illegible] plus minus dimidiam unciam lata. Scapus non cum foliis, ad hæc lateralis, compreſſus, erectus, foliorum altitudine. Flores umbellati, plus minus octo, erecti inodori. Spatha bivalvis, acuta, purpuraſcens, in medio ſæpe virens, longitudine pedunculorum. H. pennam columbinam craſſi, ſubangulati, fere ſeſcunciales. Petala utrinque concoloria, rubra, patentiſſima cum extremitatibus reflexis, lineari lanceolata, acuta, ſæpe ſupra [illegible]

ſpiraliter revoluta, ſeſcunciatia, ad baſin uſque ab invicem libera, unguibus cum baſibus filamentorum connatis, & cum hæc baſi monadelpha ſint, hinc etiam ipſa ſe invicem ſe connexa. Filamenta erecta, corollam ſuperantia, cui concolora. Antheræ oblongæ, verſatiles, atroviolaceæ. Stylus concolor & paulo longior. Stigma trifidum, album, minutum.

Ex Promontorio bonæ Spei. Floret Septembri & Octobri. Siſtitur tota planta florens.

67

AMARYLLIS FLEXUOSA.

Amaryllis ſpatha multiflora, petalis patentibus, infimo divaricato, foliis linearibus, punctatis.

Tota glabra. Bulbus ſubrotundus, tunicatus, nuce juglande fere major, foris fuſcus. Folia prodeunt poſt ſcapum florentem, plura, linearia, acutula, integerrima, planiuſcula vel leviter canaliculata, utrinque puſtulis minutiſſimis punctata, erectiuſcula, plus minus pedalia & ſemunciam lata. Scapus ad folia lateralis, teres, vix calamum craſſus, ſuperne paululum compreſſus, erectus, ſimplex, ſeſquipedalis. Flores umbellati, plus minus ſeni, inodori, ſeſcunciam longi, fulti pedunculis teretiuſculis, biuncialibus & erectis vel patulis, cum interjectis ramentis filiformibus. Spatha bivalvis, valvulis lanceolato-acuminatis, ſtriatulis, rubellis, ſeſcuncialibus, reflexis, brevi emarcidis. Petala ſex, ipſa baſi leviſſime connata cum tubo fere nullo, lanceolato-oblonga, acuta, pallide carnea, percurſa faſcia media longitudinali roſea, quæ in facie ad medietatem uſque pertingit, in dorſo autem ad apicem uſque adſcendit, inferne erectiuſcula & plana, dein patentiſſima, paululum undulata & magis minuſve ſpiraliter reflexa, quinque ſurſum verſa, ſextum prioribus oppoſitum & declinatum. Genitalia omnia declinata & ſuperne adſcendentia. Filamenta ſubulata, petalis breviora, albida. Antheræ oblongæ, incumbentes, purpureo-cæruleæ cum polline ſulphureo. Germen inferum, ſubrotundum, triquetrum. Stylus filiformis, corollæ longitudine, roſeus. Stigma trifidum. Quam maxime affinis Amaryllidi undulatæ, ſed conſtanter ſimul diverſa.

Ex Promontorio bonæ Spei. Floret Septembri & Octobri. Tabula exhibet totam plantam florentem, & bulbi partem cum foliis.

68.

AMARYLLIS RADULA.

Amaryllis ſpatha multiflora, petalis patentiſſimis, infimo divaricato, foliis ſubtus & ad oras muricato-aſperis, proſtratis.

Tota ſucco prædita amaro. Bulbus ſubrotundus, tunicatus, foris fuſcus, avellana major. Folia poſt emarcidum ſcapum duo, oppoſita, proſtrata tota, oblonga, obtuſa, craſſa, ſubtus lineata nitida pallideque virentia, ſupra & ad oras ſaturate viridia & denſe muricato-aſpera, plus minus tres uncias longa & ſeſcunciam lata. Folium plerumque adeſt tertium ſub alterutro ex prioribus, unciale & totum glabrum. Scapus unus alterve, valde compreſſus ut fere anceps, erectus, purpuraſcens, duas treſve uncias altus. Flores umbellati, plus minus octo, inodori, pedunculis angulatis, erectiuſculis vel patulis, ſeſcuncialibus, ſordide purpuraſcentibus, cum interjectis ramentis breviſſimis. Spatha bivalvis, valvulis ovatis, obtuſis, patulis, cum ſulcis purpura virentibus, ſemuncialibus,

Petala ſex, diſtincta nec connata, ſupra baſin lateribus mutuo incumbentia, lineari-lanceolata, acuta, patentia, carnea, quorum quinque dimidiam floris aream occupant, ſextum declinatum his opponitur. Filamenta ſex, ſubulata, declinata, petalo infimo incumbentia, ſupra medium adſcendentia, alba, longitudine corollæ. Antheræ lineares, incumbentes, fuſcæ. Germen inferum, ſubrotundum, triquetrum, viride. Stylus filiformis, albus, ſitu & longitudine ſtaminum. Stigma breviſſime trifidum.

Ex Promontorio bonæ Spei. Floret Auguſto & Septembri. In tabula ſiſtuntur ſcapi florentes, & bulbus foliatus.

69.

AMARYLLIS HUMILIS

Amaryllis ſcapis pauciflōris, petalis patentibus, infimo divaricato, foliis linearibus [illegible] tuſis, planis.

Tota glabra. Bulbus ex ovato oblongus [illegible]. Folia poſt ſcapum floreſcentem prodeunt [illegible] ad quinque [illegible] obtuſa, plana [illegible] patula [illegible] quatuor ad ſex [illegible], craſſiuſcula [illegible]. Scapus [illegible] folia [illegible] pennam columbinam craſſus. Flores [illegible] Spatha [illegible] lanceolatis, [illegible] erectis [illegible] longitudine [illegible]. Corolla monopetala [illegible] ad usque baſin [illegible] rubra [illegible] longioribus, ad [illegible] Genitalia declinata [illegible] incumbentia, apice [illegible] Antheræ oblongæ [illegible] polline flavo. Germen ſubrotundum, triquetrum. Stylus [illegible]. Capitula [illegible] trilocularia [illegible] foliifera.

[illegible] ad Promontorium bonæ Spei. [illegible] Septembri & Octobri. Exhibentur ſcapus floridus & tota planta [illegible].

70

AMARYLLIS STRIATA

Amaryllis ſcapo [illegible], corollis campanulatis, [illegible] apice [illegible] ovatis [illegible] ſtriatis.

Tota glabra. Bulbus ex ovato ſubrotundus, juglandis magnitudine, tunicatus, foris fuſcus, [illegible] ſtriatus. Folia plerumque tria, ſubovata, obtuſa [illegible] ſemipedalia, duas cum dimidia uncias lata, craſſula, nitida, ad oras rubentia, [illegible] & denſe ſtriata. Scapus ante folia, calamum craſſus, valde compreſſus, erectus, ſordide [illegible] ſemipedem [illegible]. Spatha [illegible] plus quam [illegible] ſubcoriacea [illegible] altera ovata [illegible] introrſum plicatis, altera oblonga cum oris planis. Flores umbellati, inodori, ſubnutantes, plus minus duodecim [illegible]. Pedunculi [illegible] longitudine [illegible] pennam [illegible] craſſi, colore [illegible] ſub fructu elongati. Petala [illegible] baſi [illegible] connata [illegible]

lineari-lanceolata, acutæ, patulæ, ſuperne reflexæ, ſubæquales, albidæ roſeæque. Filamenta declinata, ſuperne adſcendentia, roſea, fere longitudine corollæ. Antheræ oblongæ, incumbentes, atropurpureæ. Germen turbinatum, triquetrum. Stylus ſitu & colore filamentorum, quibus paulo longior. Stigma trifidum, obtuſum. Capſula turbinata, retuſa, obtuſo-triquetra, coloris straminei, uncialis, trilocularis, trivalvis. Semina pauca, ovata, teretia, acuta, viteſcentia, acino uvæ figuram & magnitudinem ſimulia.

Ex Promontorio bonæ Spei. Floret Septembri, fructus matureſcunt Octobri. Siſtuntur ſcapus florens, bulbus folioſus, capſula, ſemen.

71.

AMARYLLIS STELLARIS

Amaryllis ſpatha multiflora, petalis patentiſſimis, tribus alternis infra apicem barbatis.

Tota glabra. Bulbus ovato-ſubrotundus, tunicatus, nucis juglandis fere magnitudine, foris ex fuſco cinereus. Folia ab uno ad tria florente jam planta prodeunt, linearia, acutiuſcula, integerrima, planiuſcula, ad lentem ſtriatula, erecta, tandem quinque uncias longa & duas lineas lata. Scapus ad folia lateralis, teres, gracilis, erectiuſculus, baſi purpuraſcens, cæterum virens, plus minus triuncialis. Umbella terminalis, faſtigiata, multiflora. Spatha bivalvis: valvulis lineari-lanceolatis, acuminatis, purpuraſcentibus, erectiuſculis, uncialibus. Pedunculi ſeſquiunciales, teretes, virides, erectiuſculi. Flores inodori, ſucceſſive expanſi. Petala in aliis individuis rubra, in aliis tantum carnea, ſemper cum linea media inferius ſaturatius tincta. Filamenta colorem corollæ habent. Antheræ purpureæ. Germen viride. Stylus albus vel rubeſcens.

Cal. Spatha bivalvis.

Cor. Petala ſex, oblonga, obtuſiuſcula, concava, baſi erecta, cæterum patentiſſima, tria alterna ad apicem fornicato-calloſula, & ad lentem infra apicem barbatula, omnia baſi inter ſe & cum filamentis in unum tubulum brevem connata.

Stam. Filamenta ſex, ſubulata ex baſi latiore & compreſſiuſcula, petalis breviora, longitudine ſubæqualia, erecta, poſt pollinis exploſionem reflexa, tria alterna latiora & præcociora. Antheræ oblongæ, erectæ.

Pist. Germen inferum, ſubrotundum, triſulcatum. Stylus filiformis, triſulcatus, erectus, ſtaminibus brevior. Stigma trifidum, patentiſſimum, hirſutulum.

Ex Promontorio bonæ Spei. Floret Octobri & Novembri. In tabula repræſentantur duæ plantæ florentes, auctus flos cum dempta petali parte, & folia adulta.

72.

AMARYLLIS CRISPA.

Amaryllis ſpatha pauciflora; petalis patentiſſimis, criſpis, foliis linearibus, anguſtiſſimis.

Tota glabra. Bulbus ovato-ſubrotundus, tunicatus, fere uncialis diametri, foris fuſcus. Folia duo, paulo poſt ſcapum producta, linearia, acuta, leviter canaliculata, virentia cum baſi & apice purpureis, in primo ortu erecta, dein reclinata, flaccida, anguſta, ſemipedalia. Scapus ad folia lateralis, ſemiteres, erectus, baſi purpuraſcens, firmus, gracilis, foliis brevior, umbella pauciflora & faſtigiata terminatus. Spatha bivalvis, valvulis lanceolatis, acuminatis, oppoſitis, purpuraſcentibus, uncialibus, linea-

tis, erectis. Pedunculi ut plurimum quatuor, glabriuſculi, ſpathis paulo longiores, virides, cum ramentis brevibus interpoſitis. Flores inodori, diametri fere novem linearum. Petala lanceolata, obtuſiuſcula, criſpa, patentiſſima, intus albida cum baſi purpurea, ſubtus magis purpurea, alterna paulo anguſtiora, caeterum aequalia. Filamenta ſubulata, aequalia, patentiſſima, petalis breviora, baſi rubra, ſuperne albida. Antherae nigricant. Germen inferum, ſubrotundum, triquetrum, atrovirens, nitidum. Stylus craſſus, [illegible], erectus, ruber, longitudine ſtaminum. Stigma trifidum, hirſutum.

Creſcit ad Promontorium bonae Spei. Floret Novembri & Decembri. Exhibet tabula plantam florentem, & folia.

73.

AMARYLLIS AUREA.

Amaryllis ſpatha multiflora, floribus pedicellatis, fere ad baſin uſque ſexpartitis, genitalibus declinatis, ramentis lanceolatis.

Amaryllis floribus pedicellatis, [illegible], corollis infundibuliformibus clavatis, ſubſexpetalis, laciniis lineari-lanceolatis, genitalibus rectis, foliis linearibus, erectis, canaliculatis, margine [illegible] glabro. *[illegible] pag. [illegible]*

Tota glabra. Bulbus tunicatus, ſubrotundus, foris fuligineus, fere pugni magnitudine. Folia plura, poſt ſcapum florentem ſucceſſive prodeuntia, linearia, acuta, integerrima, [illegible], nervo medio ſubtus protuberante, inferne canaliculata, ſuperne plana, [illegible] ſuperne plus minus reclinata, ſeſquipedalia, fere unciam lata. Scapus ſubteres, baſi pollicem craſſus, erectus, foliis plerumque altior. Spatha bivalvis, marceſcens, fuſcoſtriata, pedicellis longior, acuta, patentiſſima. Pedicelli a quinque ad decem inaequales, longiores uncîales, erecti & patuli, calamum fere craſſi. Inter hos ramenta lanceolata, acuta, membranacea, longitudine inaequalia. Corolla infundibuliformis, lutea, triuncialis & ultra; tubo trigono, brevi, limbi laciniis lineari-lanceolatis, acutis, apice incraſſatis, reflexo-patentiſſimis. Genitalia declinata. Filamenta ſubulata, pallide flava, corollam fere ſuperantia, alterna paulo breviora. Antherae oblongae, incumbentes, flavae. Germen [illegible] inferum. Stylus ſubulatus, ſtaminibus paulo longior, his concolor. Stigma trifidum, rubrum.

Creſcit in China. Floret aeſtate. Siſtuntur tota planta florens foliumque adultum.

74.

[illegible]

Amaryllis ſpatha multiflora, corollis inaequalibus, foliis linguaeformibus, glabris diſtiche proſtratis. *Linn. ſyſt. pag. 320.*

Narciſſus [illegible] flore [illegible] purpureus. *Ferr. cult. pag. [illegible] tab. 131. 133 et 135.*

Narciſſus indicus orientalis. *Swert. flor. tab. 31. fig. 1.*

Lilium africanum ſphaericum, floribus purpureis majoribus, bulbo rotundo. *Herm. hort. pag. 374.*

Lilionarciſſus indicus maximus ſphaericus, floribus plurimis rubris liliaceis. *Moriſ. hiſt. vol. 2. pag. 368. ſect. 4. tab. 10. fig. 35.*

Brunsvigia. *Heiſt.*

Tota glabra. Bulbus ex ſubrotundo ovatus, tunicatus, foris fuſcus, fibris albidis

[illegible] parte [illegible] vel triplo minor. [illegible] [illegible]
[illegible]
[illegible] etiam mera continentur feminum rudimenta.

[illegible] Promontorio bonæ Spei. [illegible] Tabula [illegible] bulbum cum [illegible], [illegible] florentem, capitulum [illegible], [illegible], [illegible] ex planta apud nos culta.

73.

CYRTANTHUS OBLIQUUS.

Cyrtanthus foliis planis, obliquis. *Ait. Kew. vol.* [illegible] *pag.* 414.

C[illegible] *[illegible] pag.* 319. *Thunb. prodr. pag.* 59.

[illegible] Bulbus [illegible], subrotundus [illegible]
[illegible]
[illegible] Stigma [illegible].

CAL. Spatha multivalvis, valvulis reflexis.

C[illegible] ad unam tertiam part[illegible] [illegible]. Limbi laciniæ [illegible] erectæ: tres alternæ [illegible] obtusæ, tres reliquæ callose acutæ.

S[illegible] tubo corollæ adnata: [illegible] paulo breviora, [illegible] tria alterna paulo longiora. Antheræ lineares, erectæ.

Pis. Germen [illegible] Stylus filiformis, longitudine corollæ, declinatus. Stigma obtusum.

Ex Promontorio bonæ Spei. Floret Julio. Tabula sistit plantam florentem, & dimidiam corollæ discissæ partem cum tribus staminibus & cum pistillo.

CYRTANTHUS ANGUSTIFOLIUS.

Cyrtanthus foliis ſubcanaliculatis, rectis.

Cyrtanthus foliis obtuse carinatis, rectis, floribus cernuis. *Ait. hort. kew.* [illegible] *pag.* [illegible]

Crinum foliis linearibus obtuſis, corollæ [illegible] laciniis alternis [illegible]

Linn. Syſt. pag. 319. *Thunb. prodr. pag.* 59.

Totus glaber. Bulbus longe ovatus, duas uncias longus, diametro unciali, [illegible] Folia in planta non florente [illegible] in florente [illegible] linearilanceolata, obtuſiuſcula, [illegible] ſcapum. Sunt hæc duo [illegible] paullulum canaliculata, integerrima [illegible] firmula, ad baſin [illegible] ſtriatula, plus minus quadriuncialia [illegible] rubelli orta. Scapus [illegible] atropurpureus [illegible] glaucus [illegible] erectus, ſemipedalis [illegible] Pedunculi [illegible] ſlores a ſolitis ad tres. Spatha ſanguinea, [illegible] longiores [illegible] atropurpurei [illegible] ſere [illegible] Germen ovatum [illegible] corollæ [illegible]

Cal. Spatha bivalvis, valvulis acuminatis, erectis.

Cor. monopetala [illegible] Tubus [illegible] Limbus ſexfidus, laciniæ oblongæ, obtuſæ, patulæ, tres alternæ ad apicem parvo mucrone [illegible]

Stam. Filamenta ſex [illegible] ex fundo tubi corollæ orta [illegible] Antheræ [illegible]

Pist. Germen oblongum [illegible] Stylus figura & [illegible] Stigma [illegible]

Ex Promontorio bonæ Spei. Floret a Decembri ad Februarium. In tabula illuſtratur planta florens, & folia adulta.

VELTHEIMIA GLAUCA.

Veltheimia foliis glaucis.

Aletris glauca. *Ait. hort. kew. vol.* 1. *pag.* 463.

Tota glabra eſt. Bulbus ex oblongo ovatus [illegible] diametro [illegible] & [illegible] longus [illegible] & baſi [illegible] Folia [illegible] integerrima, glauca [illegible] baſi [illegible] & [illegible] quam [illegible] Scapus [illegible] ſolio longior, erectus [illegible] oblongam & [illegible] Pedicelli [illegible] breves [illegible] rubri. Bracteæ geminæ [illegible] altera longitudine pedicelli, altera duplo longior. Flores [illegible] rubra. Antheræ ex flavo [illegible] Capſula [illegible] Semina [illegible] Fructificatio [illegible]

& [illegible] colore diſtinguitur a Veltheimia viridifolia.

Ex Promontorio bonæ Spei. Floret Octobri & Novembri, fructeſcit Februario. Siſtitur tota planta florens cum corolla longitudinaliter fiſſa.

78.

VELTHEIMIA VIRIDIFOLIA.

Veltheimia foliis viridibus.

Veltheimia undulata. *Mœnch. meth. pag. 631.*

Veltheimia. *Gleditſch. act. berl. 1769. Med. fam. al. pag. 98.*

Aletris capenſis. *Linn. ſyſt. pag. 336. Ait. hort. kew. vol. 1. pag. 463. Murr. act. [illegible] 1770. pag. 296. tab. 5.*

Tota glabra eſt. Bulbus pugni craſſitie, tunicatus, ex ſubrotundo ovatus, foris e flavo pallens vel fuſceſcens, [illegible] tuber rotundatum [illegible] quod fibræ craſſæ albæque oriuntur, inque terram deſcendunt. [illegible] radicalia, [illegible], lanceolata, obtuſa cum parvo mucrone, integerrima, [illegible], baſi craſſa & canaliculata baſin ſcapi ſeſeque multum amplexantia, ſaturate viridia, patula, plus minus novem uncias longa & fere tres lata. Scapus centralis, teres, firmus, ſolidus, erectus, ex fuſco [illegible] maculatus, ſesquipedalis, digitum craſſus, in ſpicam terminatus denſam ovatam aliquot uncias longam, erectam, ſpecioſam. Pedicelli uniflori, breves, [illegible], erecti, cernui. Bracteæ ſub ſingulis ſubjiciuntur ſolitariæ, ex lata & ſeſſili baſi anguſtatæ, lineares, [illegible], tubum fere æquantes. [illegible] alia ſimilis brevior [illegible] ad latus. Flores [illegible] [illegible] longi, ante expanſionem erecti, dein penduli, [illegible] abortantes. Corolla ex carneo magis minusve rubella. Antheræ ex flavo virentes cum polline flavo. Capſula pallet. Semina ſunt nigra.

CAL. nullus.

COR. monopetala, infera. Tubus cylindricus, longiſſimus, incurvulus. Limbus breviſſimus, ſexfidus, laciniis ſubrotundis, obtuſis, æqualibus, patulis.

STAM. Filamenta ſex, ſubulata, ad medium usque corollam tubo accreta, dein libera & declinata, corollam parum ſuperantia. Antheræ oblongæ, incumbentes.

PIST. Germen ovato-oblongum [illegible]. Stylus ſubulatus, declinatus, longitudine ſtaminum. Stigma ſimplex.

PER. Capſula oblonga, [illegible] in alas tres planas & [illegible] decurrens, trilocularis, trivalvis.

SEM. pauca, ſæpe unum alterumve, obverſe ovata, obtuſa, affixa valvularum centrali parti.

Ex Promontorio bonæ Spei. Floret a Decembri ad Februarium, fructeſcit Aprili & Majo. Siſtitur tota planta florens [illegible], & flos longitudinaliter fiſſus.

79.

GETHYLLIS CILIARIS.

Gethyllis foliis [illegible] ſpiralibus, ciliatis, limbi laciniis ovato-oblongis. *Linn. ſuppl. pag. 559. Thunb. nov. gen. 1. pag. 14. num. 2.*

Papiria ciliaris. *Thunb. act. lund. part. [illegible] pag.* [illegible]

Bulbus ex ovato ſubrotundus, juglandis minoris magnitudine, craſſe tunicatus, ſordide albidus, tuber oblongum & præmorſum [illegible]. Folia plurima, linearia, [illegible],

[illegible] ad [illegible] quatuor vel quinque uncias longa, tres lineas lata. Flos ante folia, odorem ſpi[illegible] albi. Spatha monophylla, tubuloſa, bifida, albida, laciniis lanceolatis, acutis, erectis. Corollæ ſuperæ tubus radicalis, cylindricus, incurvatus, baſi craſſior [illegible] patens [illegible] ſexfidus laciniis obverſe ovatis, concavis, apice connivente calloſulis, ſubcoriaceis [illegible] utrinque albis, ſuperne cum virore flaveſcentibus. Filamenta ſex, breviſſima ſummæ parti tubi inſerta erecta, alba, apice trifida. Antheræ in quolibet filamento tres lineares, longæ, utrinque ſulcatæ, apice ſpirales, erectæ, pallide flavæ. Stylus [illegible]

[illegible] Tabula [illegible] eandem folioſam, & ſeorſim florem duntaxat patentem, cujusmodi ſæpius eſſe ſolet

80.

GETHYLLIS PLICATA

Gethyllis foliis lineari-enſiformibus, plica[illegible]

[illegible]

In caldariis noſtris floret Septembri & Octobri, atque tunc ſimul folia prodeunt quæ, poſteaquam flores marcidi perierunt, ultra elongantur ad octo vel decem uncias, flaccidula tunc, quando una fructus e terra attollunt, plane Colchici more. [illegible] & plus minus quadriuncialia, utrinque hirtula, ad baſin vaginæ ſpathaceæ incluſa. Flores feſſiles, pauci, inodori, radicati. Spathæ paucæ, pallidæ & membranaceæ baſin corollæ circumdant. Corollæ tubus ſcapum mentitur, ex quo difficulter extricatur ſtylus. Limbi ſupra flaviſſimi lacinias tres alternæ foris cum virore flavent, tres reliquæ ſubtus virent. Filamenta flavent. Antheræ ſunt luteæ. Stylus pallidus, ſuperne luteus, uti & [illegible]

[illegible]

COR. monopetala. Tubus longiſſimus, filiformis triangularis, erectiuſculus, radicatus. Limbi ſexfidi laciniæ lanceolatæ, acuminatæ, planæ, ſtriatulæ, patentiſſimæ, qua [illegible]

[illegible]

PIST. Germen lineare, triangulari-compreſſum. Stylus capillaris, erectus, ſupra corol[illegible]

[illegible] aſcendentem, florem integrum, a tergo ſpectatum ſiſtit, idem monſtroſum, antheram

81

HYACINTHUS CONVALLARIOIDES

Hyacinthus corollis campanulatis, ovatis pendulis, ſcapo filiformi. *Thunb. prodr. cap.* [illegible]

Tota planta glabra eſt. Bulbus ſubrotundus, tunicatus, fuſceſcens, avellana ma-

jor. Folia plura, linearia, acutula, integerrima, anguſta, craſſiuſcula, antice ſulco exarata, erecta, ſcapo breviora. Scapus ante folia, filiformis, teres, erectus, nitidus, purpureus, quatuor vel quinque uncias longus, in racemum laxum terminatus. Pedunculi plus minus ſeptem, uniflori, ſubnutantes, graciles, purpurei, tres quatuorve lineas longi, ſuffulti bracteola minuta lanceolato-acuminata & coarctata. Flores penduli, inodori, ſordide albidi cum faſcia media purpurea. Antheræ flavæ. Germen ſubflaveſcens, in quo poros non detexi. Stylus albus.

CAL. nullus.

COR. monopetala, campanulata, patens, ſexpartita, laciniis ovatis, obtuſiuſculis, concavis, erectis.

STAM. Filamenta ſex, ſubulata, erecta, fauci corollæ ante lacinias inſerta, quibus duplo breviora. Antheræ ſagittato-oblongæ, erectæ, conniventes.

PIST. Germen ſuperum, ovatum, leviter triſulcatum. Stylus craſſiuſculus, triſulcatus, erectus, ſtaminibus longior. Stigma trifidum, obtuſum.

Ex Promontorio bonæ Spei. Floret Auguſto & Septembri. Siſtuntur bulbus foliosus, ſcapus florens, aucta genitalia & germen.

82.

LACHENALIA FRAGRANS.

Lachenalia foliis geminis, lineari-lanceolatis, planis, maculatis, glabris, ſcapo erecto, corollis pedicellatis, ſubcampanulatis.

Tota glabra eſt. Bulbus ſubrotundus, depreſſiuſculus, ſordide albens, avellanæ magnitudine. Folia duo, lineari-lanceolata, acuta, integerrima, patula, baſi canaliculata, cæterum plana, ex viridi purpureoque varia, quorum majus quadrunciale. Scapus teres, erectiuſculus, ſemipedalis, fere calamum craſſus, in racemum deſinens biuncialem, virens cum pauca ſuffuſa purpura. Pedicelli uniflori, breves, erectiuſculi. Bracteolæ ſeſſiles, ovatæ, acutæ, concavæ, ad pedicellos adpreſſæ, ſummæ ſteriles. Flores parvi, horizontales, albi, ſuaveolentia Orchidis odoratiſſimæ prædití. Petalorum exteriorum callus eſt ſanguineus. Antheræ flavent.

CAL. nullus.

COR. Petala ſex, erecta, baſi connata. Tria exteriora ſubovata, obtuſiuſcula, concava. Tria interiora cuneiformia, leviter emarginata, plana, apice patula, exterioribus longiora.

STAM. Filamenta ſex, ſubulata, paululum declinata, corollam ſuperantia. Antheræ oblongæ, incumbentes.

PIST. Germen ſubrotundum, triquetrum. Stylus filiformis, ſtaminibus brevior. Stigma ſimplex.

Creſcit ad Promontorium bonæ Spei. Floret Martio & Aprili. Siſtuntur planta florens & auctus flos.

83.

LACHENALIA UNIFOLIA.

Lachenalia folio unico, canaliculato, racemo laxo.

Ex ſemine tranſmiſſo enata, tertio apud nos anno floruit. Tota glabra eſt. Bulbus ſubrotundus, depreſſiuſculus, albidus, magnitudine avellanæ. Folium unicum, baſi ad duas

unciam ſcapum arcte convolvendo amplectens, vaginam mentiens, & ſanguineis maculis adſperſum, tunc planiuſculum & ſemuncìam latum, dein ad apicem usque lateribus [illegible] piventibus canaliculatum, caeterum craſſum, integerrimum, pedale. Scapus teres, erectiuſculus, pennae columbinae craſſitie, inferne & ad flores maculis ſanguineis variegatus, pedem altus, in racemum terminatus laxum triuncialem. Pedicelli erectiuſculi caeruleſcentes, ſemunciam longi, bracteola ſulfulti lanceolata acuminata amplexante albida erectaque. Flores inodori, pedicellis paulo longiores. Petala tria exteriora oblonga, obtuſa, concava, erecta, pallida, baſi caeruleſcentia, infra apicem calloſa & fuſco-viridia. Tria interiora exterioribus longiora, erecta cum [illegible] formia obtuſiſſima concava alba baſi cum prioribus connata. Filamenta [illegible] alba, erecta, corolla paulo breviora, petalorum baſibus inſerta. Antherae flavae. Germen obverſe ovatum, triquetrum, ſexſulcatum, obtuſum. Stylus filiformis, albus, ſtamina aequans. Stylus ſimplex.

Ex Promontorio bonae Spei. Floret Martio & Aprili. Planta tota ſiccata [illegible]

84.

ALBUCA FRAGRANS

Albuca foliis lanceolato-linearibus, canaliculatis glabris, pedunculis pate[illegible], [illegible] filamentis omnibus fertilibus, bulbo depre[illegible]

Tota glabra. Bulbus tunicatus, nitidus, albus, valde depreſſus ſive disciformis, inaequabilis duas uncias latus, vix unam altus, ſuperne planus, numeroſiſſimam emittens ſobolem bulbillorum ex baſi & ex ambitu, qui ad evulſionem bulbi mox decidunt. Tunicae craſſae tam arcte mutuo accumbunt, ut bulbus videatur ſolidus. Folia plurima baſi [illegible] amplexantia & ſordide purpuraſcentia, ſucco viscido atque acri plena, [illegible] lata, acuta, integerrima, erectiuſcula, debilia, longiora bipedalia & inferne dimidiam unciam lata. Scapus teres unus alterve, erectiuſculus, calamum craſſus, bipedalis in racemum ſolutus laxum & pedalem. Pedunculi ſolitarii, patuli, bractea ſulfulti lanceolato-acuminata & brevi emarcida. Flores fragrantiſſimi. Petala omnia flaveſcunt cum [illegible] [illegible] paulo breviora [illegible]

Ex Promontorio bonae Spei. Floret [illegible] plunta cum intermedia ſcapi parte deficiente; & aucta piſtillum & ſtamin

85.

ANTHERICUM VESPERTINUM

Anthericum filamentis muricatulis, acaule; foliis triquetris, integerrimis [illegible] ſcapo [illegible]

Totum glabrum. Radix perennis, faſciculata ex crinibus teretibus, calamum craſſis [illegible] triquetra [illegible] concavo, acuta, integerrima, nitida, erecta, ſed debilia ut ſaepe recumbentur, duos & [illegible] Scapus unus alterve, [illegible]

gitudine ſubæquali, teretes, calamum craſſus, erectus quidem ſed debilis & tunc pondere proprio varie flexus, [illegible] & ſucculentus, hinc [illegible] major [illegible] alias ſimplex. Racemus dimidiam ſcapi partem occupat. Pedunculi erecti, uniflori, ſemunciales & ultra, teretes, bractea ſuffulti lanceolata acuta & membranacea. Petala oblonga, obtuſa, patentiſſima, albida cum faſcia longitudinali utrinque media [illegible] alternis paululo anguſtiora. Filamenta ſubulata, compreſſiuſcula, [illegible] breviora, erecta, ad lentem tota quanta minutiſſime muricata, tria autem alterna inferne multo [illegible]. Antheræ obtuſæ, [illegible] flavæ. Germen ſubrotundum, viride. Stylus ſubulatus, ſitu & longitudine ſtaminum. Stigma acutum.

In Promontorio bonæ Spei. Floret Martio & Aprili. Exhibetur tota planta florens.

86.

ANTHERICUM FRAGRANS

Anthericum filamentis glabris, radice bulboſa, foliis [illegible] ſemiteretibus, rectis, ſcapo erecto duplo brevioribus.

Totum glabrum. Bulbus tunicatus, ſubrotundus, ex albido ſordens, diametri ſeſcuncialis. Folia plurima, ſemiteretia, antice ſulco exarata, acuta, penna columbina graciliora, ſemipedalia, erectiuſcula. Vaginæ, quales in Antherico exuviato, nullæ. Scapus erectus, foliis duplo altior paulloque craſſior, ſubteres, in racemum ſemipedalem erectumque terminatus. Pedicelli patuli, ſemunciales, ſuffulti bractea lanceolata [illegible] albida & brevi. Flores ſuaveolentiſſimi. Petala oblonga, obtuſa, patentiſſima, albida cum [illegible] purpurea [illegible] perexili. Filamenta ſubulata, [illegible] petalis duplo breviora. Antheræ flavæ. Germen ovatum, triquetrum, viride. Stylus ſubulatus, albus. Stigma trifidum.

Creſcit ad Promontorium bonæ Spei. Floret Majo. Exhibetur tota planta florens.

87

ORNITHOGALUM GIGANTEUM

Ornithogalum filamentis ſublanceolatis, foliis lineari-lanceolatis, apice convolvente mucronatis, ſcapo racemoque longiſſimis, bracteis ſubulatis, brevibus.

Totum glabrum. Bulbus ſubrotundus, tunicatus, diametro quatuor vel quinque uncias æquans, foris cineraſcens vel ex flavo pallido fuſcoque ſordens. Scapus teres, baſi fere digitum [illegible] craſſus, [illegible] longiſſimo quatuor vel quinque pedes altus, erectus, ſordide glaucus. Bracteæ ſubulatæ, breves, mox emarcidæ. Pedunculi pallide purpuraſcentes, patentiſſimi, ſemunciales. Flores inodori. Petala oblonga, obtuſa, patentiſſima, alba cum [illegible] purpurea [illegible] anguſtiora. Filamenta [illegible] lanceolata, compreſſa, [illegible] alba, petalis [illegible] breviora. Antheræ oblongæ, incumbentes, [illegible]. Germen oblongum, [illegible] cum [illegible] purpuraſcens, longitudine ſtaminum. Stigma obtuſum, trifidum. [illegible] non maturant. [illegible] Novembri demum prodeunt. Sunt plura [illegible], integerrima, apice convolvente mucronata, baſi canaliculata, [illegible] plerique duas uncias lata, [illegible] ſubtiliſſime lineata.

Creſcit ad Promontorium bonæ Spei. Floret Auguſto & Septembri. Depingitur tota planta florens, dein ſeorſim folium.

88.

ORNITHOGALUM SCILLOIDES.

Ornithogalum [illegible] foliis [illegible] apice caudatis, racemo longiſſimo, cylindrico.

Totum glabrum. Bulbus ovatus, craſſitie pugni, tunicatus, ſordide ſoris vireſcens. Folia radicalia plura, baſi concava mutuo amplexantia, dein planiuſcula, integerrima, ab uno ad duos pedes longa, a dimidia ad duas uncias lata, in apicem ſubulatum brevem deſinentia ſive breviter caudata, ſtriata, craſſa, ſirma, erecta, ſuperne patula. Scapi plures, ſucceſſive prodeuntes, teretes, calamum craſſi, nihil ſtriati, virides, erecti, ad florės uſque bipedales, [illegible] erectum. Bracteæ ſetaceæ, petiolis paulo longiores. Flores inodori. Petioli ſemuncia-les, patuli. Petala lanceolata, acutula, ſubæqualia, plana, in ſtellam expanſa, alba cum faſcia longitudinali media utrinque viridi. Filamenta ſex, ex baſi latiore ſubulata, plana, omnia æqualia, erectiuſcula, petalis breviora. Antheræ oblongæ, incumbentes, ſordide ochroleucæ. Germen ovatum, triquetrum. Stylus albus. Stigma trilobo-[illegible] tatum, papilloſum, ochroleucum. Capſula ovata, trilocularis, trivalvis. Semina [illegible] oblonga.

Ex Promontorio bonæ Spei. Floret ab Aprili ad Junium. Siſtitur tota planta florens, cui adſtant capſula & ſemen.

89.

ORNITHOGALUM REVOLUTUM.

Ornithogalum [illegible] foliis [illegible] planiuſculis glabris, ſcapo ſe-nuoſo, racemoſo; petalis ad oras revolutis.

Totum glabrum. Bulbus ſubrotundus, tunicatus, albidus, avellanæ magnitudine. Folia ſæpe tria, ſublinearia, integerrima, obtuſula, inferne canaliculata, cæterum pla-niuſcula, erectiuſcula, plus minus ſemipedem longa. Scapus teres, calamo [illegible] plus minus [illegible] multiflorus. Pedunculi craſſuli, erectiuſculi, unciales. Bracteæ lanceolatæ, acuminatæ, conniventes & [illegible] [illegible] Petala obverſe ovata, obtuſula, ob oras revolutas convexula, patentiſſima, ſubæqualia, fere uncialia, alba cum baſi ſota utrinque virente. Filamenta ſex, ſubulata, planiuſcula, erecta, brevia, alba, tria alterna baſi latiora. Antheræ oblongæ, ſubincumbentes, flavæ. Germen ovatum, triſulcatum. Stylus craſſus, brevis. Stigma capitatum, ſubrotundum, [illegible]

Ex Promontorio bonæ Spei. Floret Majo. Tabula ſiſtit totam plantam florentem, dein racemum variantem, & petalum vi expanſum.

90.

ORNITHOGALUM JUNCIFOLIUM.

Ornithogalum filamentis ſublanceolatis, racemo longiſſimo; foliis ſubulatis, plurimis.

Totum glabrum. Bulbus ſubrotundus, diametri fere biuncialis, tunicatus, ex vi-ridi albidus. Folia numeroſa, ex baſi lata membranacea albicante & amplexante orta

exterum ſubulato, inferne ſemiteretia, ſuperne teretia, acuta, rigidula, erectiuſcula, octo vel novem uncias longa. *Scapus* unus alterve, teres, gracilis, flexuoſus, erectus, debilis, ad florem usque pedalis, hinc terminatus in racemum pedalem & ſuperne reclinatum. *Flores* numeroſiſſimi, inodori. *Pedicelli* patentiſſimi, ſemunciales, fulciti bracteola lanceolata, brevi. *Petala* oblonga, albida cum faſcia longitudinali media ſubtus ex purpureo virente, obtuſiuſcula, plana, patentiſſima; tria alterna paulo latiora & ad apicem calloſula. *Filamenta* ſublanceolata, erecta, alba, petalis breviora; tria alterna inferne latiora. *Antheræ* oblongæ, incumbentes, flavæ. *Germen* oblongum, triquetrum, nitidum, viride. *Stylus* craſſus, filiformis, erectus, longitudine filamentorum. *Stigma* capitatum, triſidum, muricatum.

Ex Promontorio bonæ Spei. Floret Junio & Julio. Tabula exhibet totam plantam florentem.

91

ORNITHOGALUM BARBATUM.

Ornithogalum filamentis ſubulatis, foliis ſubgeminis, ſubulatis, petalis tribus alternis ad apicem barbatis.

Totum glabrum. *Bulbus* tunicatus, ex ovato ſubrotundus, ſordide pallens, avellana duplo major, non florens plerumque bifolius, florens ut plurimum unifolius. *Folia* ſunt ſubulata, ſubcanaliculata, acuta, a quinque ad novem uncias longa, inferne erectiuſcula, debilia. *Scapus* teres, folio craſſior, erectus, in racemum laxum plus minus ſeſquiuncialem erectumque terminatus. *Pedicelli* ſemunciales, erectiuſculi, fulciti bractea lanceolata, acuta, ſordide purpuraſcente & breviore. *Petala* oblonga, obtuſa, plana, patentiſſima, flava cum faſcia media utrinque viridi, omnia apice plus minus calloſa; tria interiora ad apicem ſemirotundum barbata. *Filamenta* ſubulata, erecta, petalis breviora, flava, baſi membranacea dilatata alba & pellucida. *Antheræ* oblongæ, incumbentes, fulvæ. *Germen* ovatum, triquetrum, glabrum. *Stylus* filiformis, filamentis paulo longior, flavus. *Stigma* capitatum, triſidum, muricatum. *Capſula* ovata, obtuſa, glabra, trilocularis, trivalvis. *Semina* plura, oblonga, compreſſa, nigra.

Ex Promontorio bonæ Spei. Siſtuntur tota planta florens, capſulæ & ſemen.

92

EUCOMIS NANA.

Eucomis ſcapo clavato, foliis lato-lanceolatis, acutis. *Ait. kew. vol. 1. pag. 432. Jacq. coll. vol. 4. pag. 213.*

Fritillaria nana. *Linn. ſyſt. pag. 325. Linn. mant. pag. 223. Burm. cap. pag. 9.*

Deſcriptionem loco citato dedi. Creſcit ad Promontorium bonæ Spei. Floret Februario, Martio & Aprili. Tabula exhibet totam plantam florentem, florem, & portionem marginalem folii auctam.

93

RAVENALA MADAGASCARIENSIS. *Juſſ. gen. pag. 62. Sonner. it. vol. 2. pag. 173. tab. 124. 125. 126.*

Planta maxime ſpectabilis, & ornamentum caldariorum horti Schönbrunnenſis, cu-

[illegible]

bitur, & compagis eſt fibroſæ. Altiſſime attollitur, ramo omni caret, & coma coro[illegible]

[illegible]

explicationem includunt. Corolla ad baſin usque in quatuor petala ſecta, canal[illegible]

[illegible]

Hactenus cel. Sonnerat. Fructum dein ex autopſia deſcribam

[illegible]

ſam miſſa ſimul Agathophyllo Juſſieui, qui cum dicat, Ravenſara ſignificare *Folium bonum*, forte Ravenala ſignificabit *Folium Dei*. Hortulanus Boos deinde etiam ex

[illegible]

Verus truncus, qui in loco natali altiſſime attollitur, in hoc planta, jam

[illegible]

mplexantes, craſſiſſimæ, erectæ & quinquepedales ſingulæ truncum valde

[illegible]

His ſingulis ſubjicitur ſpatha coriaceo-lignoſa, univalvis, amplexicaulis, ovata,

[illegible]

hilo albido, glabra; circumdata arillo coloris æruginei, qui conſtat ex aggere pel[illegible] ſicularum ſubtiliſſimarum & mutuo ſibi accumbentium, oriente ex margine hil[illegible]

Creſcit in Madagaſcar. Tabula exhibet plantam juniorem integram, duodecies [illegible], cum ſobole ad latus, quæ ex baſi trunci ad radicem enaſcitur, dein [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in naturali magnitudine [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] eandem florem ſingularem in naturali magnitudine ad figuram factam Sonnerat., ubi notandum eſt, corollam delineari tripetalam, quæ tamen in textu tetrapetala eſſe dicitur, ut aut hic aut illic apud illum error irrepſerit.

94.

DIANELLA NEMOROSA. *Lamark. enc. vol. 2. pag. 276.*

Dracæna enſifolia. *Linn. ſyſt. pag. 334. Linn. mant. pag. 63. Ait. hort. kew. vol. 1. pag. 454.*

Gladiolus odoratus indicus. *Rumph. amb. vol. 4. pag. 185. tab. 73.*

Bene cel. Commerſon & De Lamarck a Dracænis genere hanc plantam ſeparârunt, habitu non tantum, ſed etiam corollis vere polypetalis, ſtaminibus receptaculo nec corollæ inſertis, & bacca polyſperma diverſam. De Lamarck & Rumphius flores cæruleos dicunt, qui apud nos perpetuo albidi omnes ſunt. Radix perennis, teres, calamum & ultra craſſa, nigricans, horizontalis, articulata, fibras longas craſſas & ex albido [illegible] dentes in terram emittens, cæſpitoſe plures caules herbaceos producens, odore & ſapore ingrato ac nauſeoſo prædita, qui in exſiccata gratiores evadunt. Caulis ſimplex, [illegible] nodoſus, compreſſus, glaber, erectus, pedalis vel ſeſquipedalis, inferne calamo craſſior, ſuperne vix pennam columbinam æquans, viridis. Folia alterna, diſticha, inferiora imbricata, ſuperiora diſtantia, ſeſquipedalia, erecta, glabra, amplexicaulia, inferne longe connniventia, hinc enſiformia, plana, acuminata, ad oras retrorſum [illegible] [illegible] ſubtus ſtriatula cum nervo medio acute prominente & glaucula, ſumma breviora ac paniculæ diviſiones minuta & ſpathæformia. Panicula terminalis, ſemipedalis, erectiuſcula, pedicellis nutantibus. Flores inodori. Petala intus ſordide alba, foris ſtriatula; exteriora foris ex flavo virentia, interiora foris ex flavo pallida. Filamentorum alborum capitulum flavum & punctatum. Antheræ fuſcæ cum polline albo. Bacca elegantiſſime cærulea, piſi magnitudine vel eodem duplo major. Semina nigra, in quolibet loculamento ut plurimum duo vel tria.

CAL. [illegible]

COR. Petala ſex, [illegible] [illegible] [illegible] patentiſſima: tria exteriora paulo anguſtiora & ad apicem fornicato callöſa [illegible].

STAM. Filamenta ſex, [illegible] [illegible] [illegible] inſerta, filiformia, brevia, erecta, [illegible] incurvata, terminata in capitulum obverſe ovatum, cui inſident Antheræ baſi bifidæ, ſublineares, erectæ, longæ, in latere utroque apicis longitudinaliter dehiſcentes.

PIST. Germen ſuperum, ſubrotundum. Stylus ſubulatus, erectus, longitudine ſtaminum. Stigma parvum, trifidum.

PER. Bacca ſubrotunda, trilocularis.

SEM. pauca, compreſſa.

Creſcit in Java, Amboina, Mauritia, Borbonia, aliisque Indiæ orientalis in[illegible], [illegible] [illegible] [illegible] [illegible] floret Julio & Augusto, fructus in Augusto & Septembri. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

DRACAENA UMBRACULIFERA

Dracæna arborea, foliis enſiformibus, acuminatis, panicula terminali, denſiſſima, ſubſeſſili.

Vera patria ignoratur. Colitur in inſula Mauritii, unde in hortum Schönbrunnenſem translatæ duæ arbuſculæ fuerunt, quarum altera Januario & Februario in caldario ſemel floruit, ſed fructum non tulit. Hæc deſcribitur. Tota glabra eſt. Caulis arboreus, teres, humanæ altitudinis, ſimpliciſſimus, ex fuſco cinereus, cicatricibus transverſis latis a foliorum præteritorum lapſu tantisper inæqualis, diametri biuncialis. In altera arbuſcula caulis ſummus in itinere abruptus fuerat, ex cujus ſummitate nunc tres rami laterales pullularunt. Folia frondoſa ſummam caulis partem numeroſa occupant, valde approximata, ex baſi ſeſſili & unciam lata mox anguſtata & canaliculata, dein enſiformia acuta, integerrima, nitida, coriacea, ſubtiliſſime lineata, circa medium obſcure plicata, nervo medio ſubtus protuberante forti & firmiſſimo, quo ſeſe horizontaliter in umbellam expanſa ſuſtinent cum ſummis ſolis paulumper reclinatis, longiora plus quam tripedalia & ſesquiunciam lata, ut ſic orbis foliorum efficiatur ambitu octodecim pedum, cujus centrum pulvinus occupat florum plurimorum denſiſſimus, convexulus & diametri ſemipedalis. Hi primo adſpectu videntur ſeſſiles, oriuntur autem ex panicula breviſſi- [illegible] ſucceſſive circa veſperam expanſi, proximo die marceſcentes. Bracteæ ad divi[illegible] omnes & ad pedicellos proprios lanceolatæ, acutæ, fuſcæ, erectæ, in ramis ſemunciales, ad pedicellos autem breviſſimæ. Corolla craſſa, rigidula, alba cum laciniis foris purpuraſcentibus. Filamenta & ſtylus albent. Antheræ flavent. Germen pallide viret.

CAL. nullus.

COR. monopetala, infera. Tubus longiſſimus, obtuſe triangularis, incurvulus. Limbus ſexfidus, tubo triplo brevior, laciniis oblongis, obtuſulis, paulumper concavis, pa- [illegible]

STAM. Filamenta ſex, filiformia, erecta, corollam æquantia, ejusdemque [illegible]

PIST. Germen ovatum, ſuperum. Stylus filiformis, erectus, ſtaminibus longior. Stigma [illegible]

Tabula exhibet trunci ſummam partem folioſam & floreſcentem, dein pedunculum cum flore clauſo, eodem expanſo, & piſtillo.

96

DRACAENA CERNUA

Dracæna caule arboreo, foliis lineari-lanceolatis, acutis, panicula cernua.

Creſcit in inſula Mauritii, dicta incolis *Bois de chandelles* ſive Arbor candelarum, quia ad inſtruendum focum vulgo utuntur trunco abſciſſo, ad cujus latus tunc novi trunci ſtoluntur, tandem faſciculatim plurimi. Si libere creſcit, in patria vigintipedalis. Tota glabra eſt. Truncus in noſtris decempedalis, biuncialis diametri, ſimpliciſſimus vel ſuperne ramoſus, teres, cinereus, ad ſolia purpuraſcens, erectus, a foliis dilapſis cicatriculatus. Folia lineari-lanceolata, acuta, integerrima, baſi veluti anguſtata in petiolum latiorem & amplexicaulem, ſupra nitidiſſima, virentia cum oris ſordide purpureis, cor-

cea, firma, obſolete nervoſa, plus minus ſemipedem longa, a dimidia ad integram unciam lata, patentiſſima nec ulla unquam reflexa, ſparſa & approximata ſuperiorem trunci partem longe occupantia. Panicula terminalis, fere pedalis, numeroſiſſimis floribus ſuaveolentibus onuſta, rigidula & ſic rigide cernua, ut vix attolli ve poſſit. Pedunculi teretes, ad diviſuras muniti bracteola acuminata & fuſca. Pedicelli proprii vix ſemunciales, modo ſolitarii, modo gemelli & ſæpe baſi tantiſper concreti. Corolla uncialis, ex flaveſcente albida cum apicibus purpuraſcentibus. Antheræ ex flavo pallent. Bacca minuta, piſo major. Semina nigra.

CAL. nullus.

COR. monopetala, ſexfida. Tubus brevis, cylindricus, ſexſulcatus. Laciniæ lineares, longæ, obtuſæ, inferne erectæ, dein totæ omnes æqualiter reflexo-patentiſſimæ.

STAM. Filamenta ſex, filiformia, tubo corollæ inſerta, erecta, petalis paulo breviora. Antheræ lineares, incumbentes.

PIST. Germen ſuperum, ovatum, triquetrum. *Stylus filiformis*, erectus, ſtaminibus paulo longior. Stigma obtuſum, ſubtrifidum.

PER. Bacca ſubrotunda, trilocularis.

SEM. ſolitaria, hinc convexa, inde angulata.

In caldario floret a Decembri ad Februarium. In tabula ſiſtuntur ramus florens, baccæ & ſemen.

97

ASPARAGUS DECUMBENS.

Aſparagus herbaceus, inermis, decumbens, ramis ſubreflexis, foliis ſubſetaceis.

Totus glaber & inermis. Radix perennis conſtat ex faſciculo tuberum plurimorum, albidorum, utrinque acutorum, carnoſorum, plus minus unciam longorum, digiti minimi craſſitie, in fibram longam terminatorum, quorum ſummi extra terram prominent glabriuſculi, reliqui ſtriati ſunt. Caules plures, annui, toti decumbentes, tandem bipedales, ramoſi, graciles, virides, teretiuſculi: ramis ad ortum patentiſſimis, ſæpe refractis. Folia omnino numeroſa, bina vel terna, ſeſſilia, ſubſetacea, debilia, approximata, vix unam tertiam unciæ partem longa. Pedunculi axillares, ſolitarii, uniflori, filiformes, ſemunciales. Flores modici, albidi, antheris aurantiacis, germine viridi.

CAL. nullus.

COR. Petala ſex, baſibus connexa, linearia, obtuſa, inferne erecta, cæterum patentiſſima & tandem reflexa, æqualia.

STAM. Filamenta ſex, ſubulata, erecta, petalis breviora, longitudine inæqualia. Antheræ ſubrotundæ, ſubdidymæ.

PIST. Germen conicum, longitudine ſtaminum. Stylus filiformis, erectus, brevis. Stigma trifidum, patens.

Ex Promontorio bonæ Spei. Floret Novembri & Decembri. Siſtitur radix cum caule

98

TROPAEOLUM PEREGRINUM.

Tropæolum petalis ſerrato-inciſis, duobus maximis, tribus minimis.

Tropæolum foliis ſubpeltatis, quinquelobis, dentatis; petalis ciliato-laceris. *Linn. ſyſt. pag.* 357.

Cardamindum quinquefido folio, vulgo Malla. *Feuill. peruv. vol.* 1. *pag.* 756. *tab.* 42.

Semina miſſa, ſata menſe Majo ſub dio, plantas aliquot produxerunt, quæ Sep-[illegible] ſeſquipedalem, digiti craſſitie, concretam, debiliſſimam, flexilem. Tunc in tepidarium translatæ [illegible] Novembri copioſiſſimos flores dederunt, at Decembri perierunt ſine ullo maturato fructu omnes. Tota planta glabra eſt, & forte annua. Folia ſunt alterna, peltata, ſubrotunda, quinqueloba vel ſeptemloba, lobis rotundatis, obtuſis, ſæpe ſetula mucronatis, venoſa, in caulibus & ramis magis minusve ſinuato-incisa, in ramulis autem integerrima. Petioli ſunt longi & volubiles. Pedunculi axillares, uniflori, ſolitarii, petiolorum fere longitudine. Florum figura ſingulariſſima inſoliti quid offert. Perianthium monophyllum, quinquefidum, cum virore flaveſcens, pollice coronatum nectario ſubulato longiore & ad apicem incurvato, deciduum, laciniis duabus inferioribus angustioribus unaque cum lacinia ſumma erectis, laciniis duabus reliquis patentiſſimis. Petala quinque lutea inciſuris calycis inſeruntur. Horum duo ſuperiora ſunt maxima, ſubrotunda, ſerrato-inciſa, erecta, ſubſeſſilia unguibus bidentatis & ad oras glabris, ſupra ungues maculis aurantiacis notata. Trium inferiorum laminæ fere deficiunt, vel certe ſunt minimæ, dum adſunt ſoli ungues, duntaxat apice lacinia & ciliati. Filamenta octo, erecta, longitudine calycis, lutea. Antheræ aurantiacæ. Stylus ſtaminibus duplo bre-[illegible]. Et reliqua ad characterem Linn[illegible]

Creſcit in Peruvia, ab Hiſpanis dictum *Pasavitas* ſive *Avicula*. Floret No[illegible] Siſtitur ramulus florens, dein ad latus petalum ſuperius, idemque aliud [illegible]

99.

PAULLINIA CARACASANA

Paullinia foliis biternatis, petiolis nudis

Caules fruticoſi, maſculi, viginti pedales, ſcandentes, baſi pollicem craſſi, varie [illegible] fo-liolis breviſſime petiolatis vel ſubſeſſilibus, lanceolatis, acutis, rariter & obtuſe ſerratis, venoſis, ſubcoriaceis, longioribus quadriuncialibus, lateralibus foliorum ternatorum [illegible] ſimorum ſemper multo minoribus. Petioli nudi. Pedunculi axillares, ſolitarii, volub[illegible] [illegible] abeuntes in racemum compoſitum cylindricum, pedunculis lateralibus plus minus quadrifloris. Perianthium tetraphyllum, rariſſime pentaphyllum, ex foliolis ovatis, obtuſis, concavis, & patentiſſimis. Petala quatuor, obverſe ovata, alba, patentiſſima. Capſula trialata, trilocularis, oblonga. Semina ſolitaria in apice connata.

Creſcit ad Caracas. In caldario floret æſtate. Tabula exhibet ramulum florentem, foliolum ex foliis majoribus, caulis partem inferioris, fructum, & auctum florem

100

BAUHINIA PORRECTA

Bauhinia floribus diadelphis, ſubdecandris; foliis cordatis, lobis ſemiovatis, acutis ſubquadrinerviis; petalis lanceolatis. *Swartz prodr. pag. 66*

Bauhinia non aculeata, folio ampliori & bicorni. *Plum. ic. pag. 32. tab. 44. fig. 1*

Bauhinia foliis bilobis, ſpicis laxis terminalibus. *Brown. jam. item. 1. pag. 2[illegible]*

Senna ſpuria ſeu Aſpalatho affinis arbor ſiliquoſa, foliis bifidis, flore pentapetalo [illegible]rio. *Sloan. hiſt. jam. 2. pag. 5*

Caulis arboreus, teres, pollicem & ultra craſſus, cinereus, erectus, æqualibus,

ſuperne in ramos [illegible] dense [illegible]. Rami juniores ad lentem villosi ſunt. Folia ſunt alterna, petiolata, cordata, ſemibiloba, ſubintegerrima, novemnervia, venoſa, ſupra glabra, ſubtus in nervis venisque pubeſcentia; lobis ſemiovatis, acutis [illegible] [illegible]. Racemi multiflori, terminales & axillares [illegible] quatuor [illegible] longi. Pedicelli uniflori, unciales, bractea ſubulata minutiſſima cum ſuffulti, tum una altera [illegible] in decurſu inſtructi. Flores fetiduli, ab inferioribus ſucceſſive expandi. Calyx villoſus viret. Petala ſunt nivea. Filamenta & ſtylus albent. Antherae primo ſordide ochroleucae, dein fuſceſcunt. Germen villoſulum & ſtigma virent.

Cal. Perianthium monophyllum, ovatum, acuminatum, [illegible] longitudinaliter fiſſum, baſi tubuloſum, dein quinquefariam dehiſcens replicatumque, caeterum [illegible] [illegible].

Cor. Petala quinque, [illegible] utrinque acuminata, unguiculata, [illegible] patula, ſubaequalia, calyce longiora, cujus tubi limbo [illegible].

Stam. [illegible] [illegible] ſubulatum, erectum, corolla longius, ſeu [illegible] connata in unum corpus ſterilia fere octo vel novem, ſuperne libera, patula, petalis [illegible] [illegible] [illegible]. Antherae in filamento ſimplici oblonga, erecta.

Pist. Germen oblongum, compreſſulum, longiſſime pedicellatum. Stylus ſubulatus erectus, filamento ſimplice longior. Stigma capitatum, convexulum.

Per. Legumen pedicellatum.

Sem. plura.

Creſcit in Jamaica, Domingo, Caracas. In caldario floret Martio. [illegible] [illegible] propendulus florens, dein flos antice ſpectatus, idemque auctus ad latus.

101

COOKIA PUNCTATA

Cookia. *Juſſ. gen. pag. [illegible].* *Sonner. it. vol. 2. pag. 181. tab. 130.*

Arbor decempedalis, ramoſa, erecta, trunco tereti, ſtriato, fuſceſcente, diametro [illegible] [illegible] [illegible] [illegible] [illegible]. Folia ſunt alterna, pinnata, nitida, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], ex oblongo [illegible] acuminatis, [illegible] [illegible], ſubundulatis, ſaturate virentibus, firmis, longioribus ſemipedalibus. Panicula terminalis, ampla, ſemipedalis vel & pedalis, tota puſtulis ſcabra, erecta, ad [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. Pedicelli ultimi ad [illegible] [illegible] ſunt. Flores numeroſiſſimi, ſubodorati; calyce villoſo & pallide virente; corolla [illegible] & albida; germine ad baſin glabro, dein [illegible], ſtylo [illegible]. Bacca [illegible], punctata, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] [illegible] & edulis. Semina baſi [illegible] [illegible] & [illegible], caeterum viridia, nuda, dorſo [illegible]. [illegible] [illegible] [illegible] vectus ſunt.

Cal. Perianthium [illegible] monophyllum, campanulatum, [illegible] [illegible] dum, laciniis ſubovatis, acutis, patulis.

Cor. Petala quinque, lanceolata, [illegible] [illegible], [illegible], ex angulis [illegible] & breviſſimis patentiſſima.

STAM. Filamenta decem, ſubulata, inferne latiora & concava, erecta, alterna paulo longiora corollam æquantia. Antheræ oblongæ, didymæ, erectæ, hirſutulæ pilis ſimplicibus aliisque brevioribus capitatis.

PIST. Germen ſubrotundum, ſubpedicellatum, ſuperum. Stylus cylindricus, craſſus brevis, erectus. Stigma ſimplex, obtuſum, rotundatum.

PER. Bacca ſubrotundo-ovata obtuſiſſima apice ſcutulam quinqueſulcatam inſcriptam habens, quinquelocularis.

SEM. ſolitaria, magna, oblonga, compreſſa, obtuſa.

Creſcit in China. In caldario floret copioſe Aprili, fructumque rariſſime fert Auguſto. Tabula ſiſtit ramulum florentem; foliolum ex majoribus, auctum calycem, ſtamen, piſtillum & petalum, dein fructum, eundem tranſverſe ſectum & ſemen.

102.

TRICHILIA SPONDIOIDES.

Trichilia racemis axillaribus, foliis pinnatis, ſubhirſutis, foliolis intermediis majoribus. *Jacq. amer. pag. 28.*

Trichilia foliis pinnatis, ſubhirſutis. *Linn. ſyſt. pag. 399.*

Trichilia ſubhirſuta, foliis pinnatis ovatis, racemis alaribus. *Brown. jam. pag. 278.*

Evonymus caudice non ramoſo, folio alato, fructu rotundo tripyreno. *Sloan. hiſt. jam. 2. pag. 105. tab. 210. fig. 1. et 3.*

Loco ſupra citato jam deſcripſi. Noſtræ arbores truncum habent decempedalem tantum ſuperne ramoſum. Folia ſolummodo ſunt plerumque quinquejuga cum terminante majori, glaberrima, & ad ſolas oras per lentem obſcure villoſula.

Creſcit in Jamaica, Domingo, Curacao, Carthagenæ. In caldario floret Septembri & Octobri. Siſtuntur ramus florens. Aucta perianthium, flos totus, & piſtillum.

103.

TRIBULUS CISTOIDES.

Tribulus foliis octojugis, ſubæqualibus. *Linn. ſyſt. pag. 402. Jacq. coll. vol. 5. pag. 209.*

Tribulus foliis ſexjugatis ſubæqualibus flore amplo odorato. *Brown. jam. pag. 220.*

Tribulus terreſtris major curaſſavicus. *Herm. par. pag. 236. tab. 236.*

Tribulus terreſtris americanus, chamæciſti flore, fructu ſpinoſo maximo. *Breyn. prodr. 2. pag. 103.*

Tribulus terreſtris americanus, argemones flore flavo. *Pluk. alm. pag. 374. tab. 67. fig. 4.*

Loco citato deſcriptionem amplam dedi, quæ videatur.

Creſcit in inſulis Jamaicæ, Curaçao, ſancti Martini, Euſtachii, aliiſque. Floret in caldario Junio & Julio, fructeſcit Septembri. Tabula exhibet radicem cum caulibus abſciſſis, caulem florentem, florem a tergo conſpectum & ſemen.

104.

MALPIGHIA TUBERCULATA.

Malpighia foliis ovato-lanceolatis acuminatis, integerrimis, utrinque parciſſime piloſis, racemis axillaribus, ramis tuberculatis.

Arboſcula trunco erecto, tereti, ramoſo, cinereo, pollicem craſſo, ſexpedali.

Rami cinerei, tuberculis denſe exaſperati, teneriores ad lentem rariſſimis pilis adſperſi. Folia oppoſita, breviſſime petiolata, ſubovato-lanceolata, in acumen anguſtata, integerrima, ad primum intuitum glaberrima, ſed per lentem utrinque raris pilis mollibus & [illegible] hirſutula, quatuor uncias longa, unam & duas lata. Petioli etiam ad lentem [illegible] piloſuli. Racemi [illegible] in ramis [illegible] axillares, ſolitarii, [illegible], ad lentem piloſuli, ex tribus plerumque pedicellorum oppoſitorum paribus. Pedicelli virides, villoſuli, [illegible] geniculati, infra geniculum utrinque parva glandula [illegible]. Perianthium pentaphyllum, & perſiſtens: foliola parva, obtuſiuſcula, erecta, ovata, viroſa, viridia. Glandulae quinque, oblongae, obtuſae, flaveſcentes ſingulis calycinis ad dorſum ſubjectae [illegible] quarum tres fere ad baſin uſque bifidae, reliquae duae minores & integrae. Petala quinque, ſubrotunda, flava, concava, ciliis [illegible], ſubplicata, patentiſſima, unguibus longis donata. Germen [illegible]. Bacca ſubrotunda, piſo duplo major, glabra, mollis, rubra, pulpa pauca rubra & [illegible] grate dulci. Semina tria, ſubovata, magna, dorſo [illegible] rugoſa, [illegible] glabra. Abortantibus ſaepe duobus tertium majus evadit.

Ex Caracas. In caldario floret Aprili, fructum maturat Junio. Siſtuntur ramus florens, fructus & ſemen.

105.

BANISTERIA CHRYSOPHYLLA

Baniſteria foliis oblongis, acutis, ſuperne repandulis, ſupra glaberrimis, ſubtus tomentoſo-nitidiſſimis; floribus paniculatis, axillaribus.

Baniſteria foliis ovato-oblongis, acutiuſculis, verſus apicem obſolete ſinuatis, ſubtus tomentoſo-nitidis, aureis. *Lamarck, encycl. vol. 1. pag. 369.*

Truncus arboreus, [illegible], erectus, cinereus, tuberculis minutiſſimis fuſceſcentibus denſe exaſperatus, [illegible] glaber, [illegible] diametri, quadripedalis. Ex hoc rami [illegible] teretes, [illegible], volubiles, ipſi ramoſi, apud nos jam [illegible] pedales. Lignum album. Folia ſunt oppoſita, breviter petiolata, oblonga, acuta, [illegible], integerrima niſi quod ſint ſupra medium [illegible] obſoletius repanda, ſuperne [illegible] & glaberrima, dorſo [illegible] tomentoſa nitidiſſima & aurea, [illegible] quatuor ad [illegible] uncias longa. Pedunculi ad [illegible] paniculatim ramoſi, bracteolis minutis oppoſitiſque [illegible] plus minus [illegible]. [illegible] glandulae donatae [illegible]. Petala ex ungue longo ovata, obtuſa, ex aurantiaco rubra. Antherae fuſcae.

Ex Caracas. Floret in caldario aeſtate. Siſtitur ramulus florens.

106.

EUPHORBIA BUPLEURIFOLIA

Euphorbia inermis, ſubacaulis, foliis lanceolatis.

Planta tota lacteſcens, ſingularis, ab omnibus congeneribus habitu ſuo diverſiſſima. Radix eſt [illegible], calamum & ultra craſſa, perpendiculares fibras emittens [illegible], fuſceſcens, abiens in caput [illegible] diametri uncialis, tandem ſubrotundum & triplo amplius, ex quo folia plurima & pedunculi axillares egrediuntur. Folia decidua relinquunt baſes ſuas ceu totidem ſquamas [illegible] unde caput illud [illegible] redditur & quotannis amplificatur, dum nova folia ex centro producunt, ſic ſemper [illegible] quae velut hoc radicis caput tandem [illegible]. Sunt [illegible] folia petiolata, lanceolata,

utrinque acuta, integerrima, [illegible] pagina [illegible] punctata [illegible] Stigma trifidum, laciniis ſubbifidis.

Ex Promontorio bonæ Spei. Floret Junio. Siſtitur tota planta.

107

EUPHORBIA JUNCEA

Euphorbia umbella quinquefida, dichotoma, foliis involucrisque lineari-lanceolatis, acutis, involucellis ovato-oblongis, acuminatis. *Ait. hort. kew. 2. pag. 142.*

[illegible] men glabrum. Styli bifidi, ſtigmatibus obtuſis. Capſula glabra.

Ex inſula Canarienſi Porto ſancto. Floret Auguſto & Septembri. Siſtuntur in tabula caulis florens; & flos mas fœmineusque aucti.

108.

MESEMBRYANTHEMUM CLAVATUM.

Meſembryanthemum foliis ſubteretibus [illegible] diſtinctis, pedunculis clavatis, calycibus quadrifidis.

[illegible]

[illegible] hic ab illo diſtingui oculis non poſſit, undo figura exſurgit clavata. Flores erecti, [illegible] foliiformibus. Petala numeroſa, filiformia, utrinque alba, inæqualia, linearia, capillaria aliis. Filamenta breviſſima, alba. Antheræ flaveſcentes. Styli quatuor, filiformes [illegible]

Ex Promontorio bonæ Spei. Floret Julio & Auguſto. Siſtitur ramus florens & fructeſcens.

109.

CAPPARIS MARIANA

Capparis pedunculis unifloris, ſolitariis, ſtipulis nullis, foliis cordato-ovatis.

Arbuſcula inermis, humanæ altitudinis, ſempervirens, trunco brachium craſſo & erecto [illegible]

[illegible]

Ex [illegible] Floret Septembri & Octobri. [illegible]

110.

CAPPARIS ODORATISSIMA

Capparis pedunculis racemoſis [illegible]

Apud nos arbuſcula ſeptempedalis, carnoſa, erecta, & valde ramoſa. Trunc[illegible] & ſcobi craſſities diametri humeralis; cortex [illegible] & albidus. Rami teretes, [illegible] ferrugineis exaſperati, adſpectu ac ſi eſſent tomentoſi, atque imprimis juniores. [illegible] & vix conſpicue petioſa, ſupra ſaturate virentia & glabra, ſubtus albida cum punctis [illegible] plus minus tres uncias longa, petiolis brevibus & punctato-aſperatis donata. Pedunculi communes ad ramulorum extremitates unus alterve aut axillares aut laterales, [illegible] ſoli, vix unciales, a duobus ad quinque flores odoratiſſimos breviſſimeque pedicellatos racemoſe ſed approximate ſuſtinentes. Calyx punctatus viret. Petala & filamenta primo die alba, altero purpurea evadunt. Nectarium ex flavo pallet. Antheræ flaveſcunt.

Cal. Perianthium tetraphyllum, foliolis ovatis, valde concavis, acutulis, patentiſſimis, [illegible]

Cor. Petala quatuor, late ovata, obtuſa, patentiſſima, calyce paulo longiora.

Nectarii ſquamæ quatuor, ante calycis foliola poſitæ, triangulares, planæ, erectæ, calyce triplo breviores.

Stam. Filamenta numeroſa (fere triginta) ſubulata, patentiſſima, fere longitudine corollæ. Antheræ oblongæ, erectæ.

Pist. Germen pedicellatum, oblongum, erectum, longitudine ſtaminum. Stylus vix ullus. Stigma [illegible]

Ex Caracas. Floret Martio & Aprili in caldario. Siſtitur ramus florens.

III

CAPPARIS PARADOXA

Capparis foliis lanceolatis, acuminatis, perennantibus, calycibus bipartitis.

Frutex ſexpedalis, erectus, trunco tereti, pollicem craſſo, fuſco; ramis junioribus a dilapſorum foliorum cicatricibus protuberantibus inæqualis. Ramuli novelli pilis ſtellato-faſciculatis obſidentur. Folia ſparſa, approximata, petiolata, elongato-[illegible]lata, acuminata, integerrima, facie nitida, juniora utrinque & ad oras pilis ſtellato-faſciculatis hirta, qui ad lentem in folii adulti dorſo adhuc utcunque conſpicui ſunt, in facie autem evanuerunt; ipſa a quatuor ad ſex uncias longa cum petiolo haud multo breviori, pilis aſpero, & ad baſin & apicem incraſſato. Pedunculi uniflori, axillares, ſolitarii, teretes, craſſuli, villoſuli, patuli, calyci concolores, unam tertiam unciæ partem longi. Flores inodori, parumper cernui. Calyx villoſus, ex flavo pallens, baſi leviter [illegible], longus fere ſemunciam. Petala pallide & ſordide flaveſcentia, quibus filamenta, antheræ & piſtillum concoloria ſunt.

Cal. Perianthium monophyllum, inferum, ſubcoriaceum, tuboloſum, ſemibifidum: laciniis ſemiovatis, concavis, erectis, ſuperiore obtuſa, inferiore acuta & breviore.

Cor. Petala quatuor, oblonga, acuta, erecta, calyce paulo longiora.

Stam. Filamenta ſex, ad baſin uſque libera, ſubulata, declinata, calyce triplo longiora, quorum duo inferiora, paulo longiora. Antheræ oblongæ, incumbentes.

Pist. Germen teres, inſidens pedicello craſſo & ſtamina longitudine ferme æquanti. Stylus nullus. Stigma ſimplex, obtuſum.

Ex Caracas. In caldario floret Aprili. Siſtuntur ramus & genitalia.

112.

LUDIA TUBERCULATA

Ludia. *Commerſ. juſſ. gen. pag. 343.*

Arbor decempedalis trunco tereti, æquabili, erecto, cinereo, diametri bime [illegible], ramis teretibus, fuſcis, per [illegible] albida denſaque tota exaſperatis [illegible] lineatis. Folia alterna, breviter petiolata, lanceolata, obtuſula, integerrima vel [illegible] uno [illegible] obſoleto ſubrepanda, plus minus duas uncias longa, ſupra [illegible] & ad tactum veluti polita, ſubtus glabra & venuloſa; petiolo brevi & ex [illegible] ſanguineo. Stipulæ nullæ. Pedunculi uniflori, axillares, ſolitarii vel pauciſſimi [illegible]gati, villoſuli, breves, ad baſin bracteolis quatuor ovatis concavis parviſque [illegible], quarum duæ paulo altius locantur infra geniculum, quod in pedunculo eſt, aliæ autem duæ ad ipſum ejuſdem ortum ſunt. Pedunculus ſuperne ad [illegible] major [illegible] eſt. Calyx villoſus, ſordide pallens, nonnunquam in foliola a quinque ad octo diviſus [illegible] varie & monſtroſe tunc puto ſectus. Glandulæ [illegible] mel effundunt. Flores ſine fructu decidunt [illegible], [illegible] unicus in [illegible] anno elapſo [illegible], qui autem ad perfectam maturitatem non pervenit. Qualis erat, depingi curavi. Loculamentorum & ſeminum numerus non quadrat cum Juſſieu.

CAL. Perianthium tetraphyllum, inferum, foliolis ovatis, acutis, patentiſſimis, perſiſtentibus.

COR. nulla.

Nectarium [illegible] numero incerto plana, informiter ſubrotunda, compreſſa, [illegible].

STAM. [illegible] receptaculo inſerta, ſubulata, patentiſſima, calyce duplo longiora. Antheræ erectæ.

PIST. [illegible] ſuperum. Stylus ſubformis, erectus, ſtaminibus brevior. Stigma [illegible].

PER. Bacca globoſa, ſicca, ſtylo acuminata, trilocularis.

SEM. ſolitaria.

Creſcit in inſula Mauritii. In caldario floret Junio & Julio. Siſtitur ramulus florens, tum aucti flores, auctæque aliquot nectarii glandulæ, & fructus.

113.

TETRANTHERA LAURIFOLIA

Arbor apud nos decempedalis, ramoſa, comoſa, trunco brachium craſſo, tereti, erecto, cinereo, [illegible] haud [illegible]. Rami [illegible] [illegible] ad lentem villoſuli & [illegible]. Folia [illegible], approximata, oblonga, obtuſa, integerrima, venuloſa, coriacea, nervo medio [illegible] principibus [illegible] ad lentem villoſulis [illegible] plus minus quinque uncias longa, petiolo ſuberecto unciali & villoſo. Pedunculi communes ad folia inferiora & infra hæc ad foliorum dilapſorum cicatriculas axillares, ſolitarii, villoſuli, graciles, patuli, unciales, umbellatim diviſi in pedunculos a duobus ad quinque breviores. Hi apice gerunt involucrum ex flavo ſordens & ad lentem tomentoſulum, ex quo etiam [illegible] plus minus duodecim [illegible] & uniflori. Poſſet ergo [illegible] umbella compoſita [illegible] partiales [illegible] [illegible] deſtituta. Petala ſunt [illegible] & [illegible] ſterilia [illegible]

fu

lea. Antheræ luteæ. Bacca [illegible] purpurascente [illegible] magnitudine. Notum [illegible] mas a quatuor [illegible] Tetrandria [illegible].

Cal. Involucrum [illegible] ovata subrotunda, obtuſa, ſaccato-concava, coloratia, patentiſſima, ſubæqualibus, longitudine corollarum, quorum duo magis exteriora.
   Perianthium proprium nullum.

Cor. Petala tria-quinque, lanceolata, acutula, apice ſæpius denticulata, plana, patentiſſima.

Stam. Filamenta duodecim-ſeptemdecim, ſubulata, erecta, longitudine corollæ, in apicem latiorem oblongum & antice quadrilocularem expanſa. Antheræ quatuor, oblongæ [illegible] vata, breviora, prioribus annexa.

Pi. Germen ſuperum, ſubrotundum [illegible].
   Stigma ſimplex, obtuſum.

Per. Bacca globoſa, unilocularis.

Sem. unicum, globoſum, magnum.
   Sponte creſcit in China, colitur in inſula Mauritii, unde ad nos allata fuit ſub titulo [illegible] & Octobri. [illegible] & [illegible] pallidum [illegible].

114.

HOSTA COERULEA.

([illegible] 5).

Frutex tres quatuorve pedes altus, totus odore prædiius fœtidiore Viticis Agni caſti [illegible]. Truncus pollicem craſſus, ſubangulatus, cortice cinereo & [illegible] Folia oppoſita, breviter petiolata, ovata, ad petiolum decurrentia palamo craſſiores. Folia oppoſita breviter petiolata, ovata, ad petiolum decurrentia [illegible] ſive ex baſi lanceolata ovata, acuta, obſolete ſerrulata, venoſa, utrinque ad [illegible] Pedunculi [illegible] & [illegible] pollicem [illegible] inferioris flavo, tota villoſa, & ad lentem punctis albis [illegible] hirſutus. Germen villoſum.

Cal. Perianthium [illegible] ſubrotundum [illegible], obſolete bilabiatum, labio utroque bidentato & acuto.

Cor. monopetala [illegible] intermedia ampla, rotundata, emarginata, plana.

St. Filamenta quatuor [illegible] talitur extrorſum flexa. Antheræ in filamentis exterioribus paulo longioribus ovales, [illegible].

P[illegible] Germen ſuperum, ſubrotundum. St[illegible] ſuperne introrſum flexus, ſtaminibus longior. Stigma ſimplex, obtuſum.

Per. Drupa ſubrotunda.

Sem. Nux ſubrotunda, depreſſa, quadrilocularis. Nuclei ſolitarii, oblongi.

[illegible] medicinæ Doctore Vindobonenſi, Botanico inſigni, & horti plantarum indigenarum cultore [illegible]

115.

TANAECIUM PARASITICUM.

Tanaecium foliis ovatis coriaceis, caule ſcandente fruticoſo radicante. *Swartz. prodr. pag. 91.*

C[illegible] *Browne. jam. pag. 266.*

Totum glabrum eſt & inodorum. Caulis baſi digitum craſſus & ſuberoſulus, teres, [illegible] rima, coriacea, firma, ſupra ſaturate, ſubtus ex flavo virentia, a quatuor ad ſex uncias longa [illegible] baſi barbata. Antheræ flavent.

Cal. Perianthium monophyllum, [illegible] erectum, [illegible] ore integerrimo & anguſtiori.

Cor. monopetala. Tubus [illegible] calyce paulo longior. [illegible] Limbus quinquepartitus [illegible] inferioribus latioribus.

Stam. Filamenta quatuor, ſubulata, [illegible] ipſo tubo corollæ [illegible] quorum duo reliquis longiora. Antheræ oblongæ [illegible] Rudimentum filamenti quinti.

PIST. Germen ovatum, obſolete & obtuſe angulatum. Stylus filiformis, erectus, fauce brevior. Stigma bifidum, laciniis filiformibus, reflexis.

Creſcit in Jamaica & ad Caracas. Floret in caldario Aprili & Majo. Silvestris [illegible] ſecens, piſtillum, & antheræ duæ cum rudimento filamenti quinti.

116.

THEOPHRASTA LONGIFOLIA

Theophraſta foliis ſimplicibus, racemis ſparſis, reclinatis. *Jacq. coll. vol. 4. pag. 36.*

[illegible] quotannis elongatur, ſtipulis ſubulatis parvis & deciduis veſtitus, & ex apice tandem in [illegible] ſimorum. Summus hic truncus ſtipulatus viret, ad folia deinde fuſceſcit, & glaber eſt [illegible] ſi truncus jam humanam altitudinem æquavit. Prima ex pluribus individuis primos flores produxit anno 1789 menſe Novembri, & iterum altero anno. Ab hoc tempore [illegible] floruerunt quotannis ab Auguſto ad Novembrim, nonnunquam præcocius. Folia ſunt elongato-lanceolata, utrinque acuta, aculeato-ſerrata, nitida, firma, læte vir[illegible] numeroſis a nervo medio verſus oras ſubperpendiculariter protenſis inſignita, longiora ſeſquipedalia & ultra lataque uncias tres. Petiolo inſiſtunt breviſſimo, tereti, ex pur-[illegible] teolis minutiſſimis inſtructi, ſparſi in trunco inter foliorum frondes, numeroſiſſimi, reclinati vel penduli, breviores ſæpe magis horizontales. Pedicelli breves. Flores ſuaveolentes. Calyx ex viridi flavoque fuſceſcit. Corolla aurantiaca, foris multo ſaturatius tincta, lacinias habet primo concavas, dein convexas. Antheræ pallent. Anno 1790 [illegible]um fructum tulit, qui ultra annum, dum jam arbor iterum florebat in illa hærebat, donec maturuit. Nec hoc usque maturuit alius. Erat bacca ſubrotunda, glabra, corticoſa, ſtyli parte mucronata, digitum craſſa, unilocularis, cortice atrovirente, duro, fragili. Semen erat unicum, totum obductum pellicula pulpoſa tenui flaveſcente ſaporis mucoſi ſalsi & a cortice libera, ope fibrillæ cohærens cum fundo corticis, fere figura baccæ, compoſitum ex tegmine albo & brevi fuſceſcente & ex nucleo albo & oſſeo. Baccæ ex loco natali adlatæ, triplo majores, tria vel quatuor continebant ſemina craſſe ſublenticularia. In pluſculis floribus deeſt una quinta pars [illegible]

[illegible] quefidum, laciniis ſubrotundis, obtuſis, fimbriato-ciliatis.

COR. monopetala, rotata, decidua. Tubus brevis. Limbus quinquefidus, patentiſſ[illegible] laciniis ſubrotundis, obtuſis.

Nectarii glandulæ quinque, ovatæ, obtuſæ, parvæ, apice craſſiores, incumbentes [illegible] ciſuris corollæ.

STAM. Filamenta quinque, connata in unam columnam ſubcylindricam, erectam, bre[illegible] apice expanſam in diſcum planum quinquefidum & quinqueradiatum. Antheræ parieti externo cujuslibet radii diſci adnatæ geminæ, oblongæ, ſulco exter-[illegible]

Pist. Germen ſuperum, oblongo-ovatum, reconditum in fundo tubi filamentorum. Stylus brevis, erectus. Stigma quinquefidum, obtuſum.
Per. Bacca ſubrotunda, corticoſa, unilocularis.
Sem. pauca.

Creſcit ad Caracas. In caldario floret autumno. Siſtuntur pars ſumma caulis florentis. *a* Calyx auctus cum contento piſtillo. *b* Flos auctus antice conſpectus. *c* Corolla a tergo viſa. *d* Stamina aucta. *e* Piſtillum auctum. *f* Racemi fructigeri pars ex horto cum tribus fructibus, quorum duo ante maturitatem jam deciderant. *g* Semen ex hac bacca cum fundo corticis & calyce. *h* Semina ex uno fructu allato ex loco natali.

117

HERMANNIA CANDICANS

Hermannia foliis ovatis, obtuſis, tomentoſis, calycibus patulis, ſubangulatis, ſtipulis ſubulatis. *Ait. kew. vol. 2. pag. 412.*

Tota tomentoſa eſt, mollis & incana, tomento conſtante ex minutis pilis ſtellato-faſciculatis. Frutex tres quatuorve pedes altus, ramoſus & erectus, caule tereti, calamum & ultra craſſo, cineraſcente. Folia ovata, baſi ſæpe parumper cordata, obtuſiſſima, crenata, non plicata, breviter petiolata, plus minus uncialia. Stipulæ ſubulatæ, acutæ, erectæ. Pedunculi axillares, biflori, patentes, fere longitudine foliorum. Bracteæ ad pedicellos lanceolatæ, erectæ, plerumque duæ. Flores nutantes, inodori. Calyx albidus, ſubrotundus, ſubangulatus, tomentoſus, patens, ad unam tertiam quinquefidus; dentibus ſemiovatis, acutis, erectis. Petala flava, calyce duplo longiora, figura & ſitu congenerum. Filamenta quinque, ſubcuneiformia, membranacea, baſi leviter connata, ſuperne pilis ſtellato-faſciculatis ciliata. Antheræ lanceolatæ, hirſutæ, fuſcæ. Germen obverſe ovatum, quinqueſulcatum, totum pilis ſtellato-faſciculatis hirſutum. Styli quinque, connati, erecti, pilis ſimplicibus capillaribusque hirſuti. Capſula ovata, hirta, acuta, quinquelocularis, quinquevalvis; valvulis apice bifidis. Semina plura, reniformia, fuſca.

Ex Promontorio bonæ Spei. Floret Majo & Junio. Siſtuntur caulis florentis pars, capſula, ſemen, auctaque ſtamen & piſtillum.

118.

HERMANNIA ROTUNDIFOLIA

Hermannia foliis ex ovato ſubrotundis, rugoſis, hirſutis, pedunculis unifloris.

Caulis fruticoſus, tripedalis, teres, calamo craſſior, ſcabriuſculus, ferrugineus, valde ramoſus, erectiuſculus. Rami ferruginei, ob pilos denſe faſciculatos rigidos, nec ſtellatos, molles longosque caneſcentibus, alii patentiſſimi, alii erecti. Folia ſunt alterna, breviter petiolata, ex figura ſubrotunda magis ovata vel ovalia, rotundata, obſoletius crenata, plicatula, rugoſa, dorſo & ad oras pilis faſciculatis rectis denſiſſime obſita, ſæpe minus longiora vix uncialia, ad tactum ob pilos rugasque craſſa. Stipulæ geminæ, lanceolatæ, acutæ, hirtæ, brevi marceſcendo flavæ. Stipulæ & foliorum minuta rudimenta, in capitulum collecta, ſummitates ramulorum terminant, mentita floſculos emarcidos. Pedunculi ſubuniflori, breves, axillares, ſolitarii, paucis bracteolis hiſpidis inſtructi. Flores penduli. Perianthium monophyllum, campanulatum, decagonum, hiſpidum, acutum, perſiſtens, ex flavo pallens, ore quinquedentato. Petala

vix emarginata, calyce paulo longiora, flava, ſupra calycem ſubrotunda & patentia, marceſcendo una cum hoc [illegible]. Stamina cuneiformia, baſi [illegible] connata, plana, [illegible] media, [illegible] ad oras paucis faſciculorum pilis ciliata. Antheræ hirſutæ. Germen ſubrotundum, quinqueſulcatum, pilis ſtellato-faſciculatis tectum. Styli quinque conglutinati, inferne pilis ſimplicibus hirſuti, ſtigmatibus [illegible]. Capſula ſubrotunda, quinqueloba.

Ex Promontorio bonæ Spei. Floret Julio & Auguſto. Exhibentur pars caulis florentis, & aucta ſtamen & piſtillum.

119.

HERMANNIA LATIFOLIA.

Hermannia foliis late oblongis, cuneato-crenulatis, [illegible] utrinque & ad oras per pilos ſtellato-faſciculatos tomentoſis, pedunculis multifloris.

Hermannia incana. *Schrad. hannov. pag. 11. tab. 5.*

Frutex duos treſve pedes altus, totus quaſi pilis ſtellato-faſciculatis denſe [illegible] & exaſperatus. Caule tereti, erecto, ramoſo, firmo, calamum & ultra craſſo, una cum ramulis ex fuſco purpuraſcente. Folia ſunt alterna, breviter petiolata, late oblonga, rugoſa, truncata, ſuperne crenulata, ſæpe ſubundulata, ſupra [illegible], ſubtus aſpera, non nitida, majora duas uncias longa unamque lata. Stipulæ geminæ, lanceolato-ſubulatæ, acutæ, erectæ, hiſpidæ. Pedunculi multiflori, [illegible], nutantes, primum [illegible], demum ob ramum elongatum [illegible], pedicellis propriis [illegible]. Bracteæ ad pedicellos numero [illegible] plures, lineari-lanceolatæ, piloſæ, acutæ, florum longitudine [illegible]. Calyx ovatus, ſubpentagonus, inflatus, quinquedentatus, acutus. Petala extra calycem [illegible] prominentia, [illegible] ſubrotunda, ſubemarginata, patentiſſima, flava, dein rubiginoſa, ungue convoluto. Stamina quinque baſi coalita, lanceolata, glabra, albida cum ſtria media virente. Antheræ [illegible], acutæ, ad latus [illegible] pallide [illegible]. Germen [illegible] ovatum, pentagonum, [illegible], [illegible] pilis ſtellato-faſciculatis [illegible]. Styli quinque conglutinati, virentes, erecti, inferne ſimilibus pilis obſiti. Stigmata ſimplicia, patula. Capſula ſubrotunda, ſubquinqueloba, [illegible] quinquelocularis, quinquevalvis. Semina in quolibet loculamento ſere quatuor, reniformia, fuſca.

Ex Promontorio bonæ Spei. Floret Julio & Auguſto. Tabula ſiſtit ramum florentem, capſulam, & aucta ſtamen & piſtillum.

120.

HERMANNIA SCORDIFOLIA.

Hermannia foliis oblongis, [illegible], [illegible] ſtellato-piloſis, pedunculis ſubbifloris, calycibus foris ad baſin inter lacinias gibboſis.

Caulis fruticoſus, erectus, tripedalis, vix calamum craſſus, teres, ramoſus, junior viridis, ætate fuſceſcens; una cum petiolis, foliis ſubtus & ad oras, ſtipulis, bracteis, pedicellis, calyce, germine & [illegible] pilis albidis ſtellato-faſciculatis [illegible]. Ramuli [illegible] glaberrimi. [illegible] Folia ſunt alterna, oblonga, ſuperiora baſi anguſtata, obtuſa, breviter petiolata, ſupra [illegible], venoſa, ſcabriuſcula, [illegible] unam alteramve unciam longa. Stipulæ lineari-lanceolatæ, acutæ, parvæ. Pedunculi axillares, ſolitarii, uniflori, biflori, raro

triflori, bracteolis minutis inſtructi, glabri, fulcrorum plus minus longitudine. Pedicelli breves, nutantes in flore, in fructu erecti. Flores inodori, penduli. Calyx viridis, urceolatus, ſemiquinquefidus, baſi planiuſculus & foris gibboſulus, laciniis ſemiovatis, acuminatis, erectis. Petala calyce fere duplo longiora, flava, ſitu & figura congenerum. Filamenta quinque, inferne ad unam quartam partem connata, cuneiformia, compreſſo-plana, erecta, ſuperne ad oras pilis faſciculatis & infra hos paucis ſimplicibus ciliata. Antheræ ſubulatæ, didymæ, ad latus villoſulæ, ad apicem barbatæ, conniventes in conum, fuſceſcentes. Germen obverſe ovatum, quinqueſulcatum. Styli quinque, coaliti, ſubulati, erecti, inferne pilis ſimplicibus, ſuperne capitatis hirſuti. Stigmata ſimplicia, obtuſa. Capſula ſubovata, obtuſa, quinqueſulcata, fuſca, quinquelocularis, quinquevalvis. Semina plus minus quinque, rotundato-reniformia, compreſſa, rugoſula, fuliginea.

Creſcit ad Promontorium bonæ Spei. Floret Junio & Auguſto. Siſtuntur ramus florens, capſula, & aucta calyx, portio folii, ſtamen & piſtillum.

121.

HERMANNIA DISERMAEFOLIA.

Hermannia foliis oblongo-lanceolatis, tomentoſis, rugoſis, eroſis, ad oras plicatulis; pedunculis unifloris.

Frutex ſexpedalis, caule tereti, ſubtomentoſo, erecto, ramoſo, digitum minimum craſſo, ex cinereo fuſceſcente. Rami juniores tomentoſi, incani. Tomentum omnium partium conſtat minutis ſimul faſciculis pilorum ſtellatorum alborumque. Folia ſparſa alterna, breviter petiolata, ex oblongo lanceolata, acutiuſcula, tomentoſa, incana, rugoſa, mollia, crenato-ſerrata, eroſa ſive duplicato-ſerrata, ad oras plicatula, plus minus ſeſquiuncialia. Stipulæ ſubulatæ, erectæ. Pedunculi terminales, raro axillares, uniflori, cernui, tomentoſi, breves. Flores penduli. Calyx cum rubore pallens, ſemiquinquefidus, acutus, vix angulatus, tomentoſus. Petala flava, calyce duplo longiora. Filamenta cuneiformia, albida, baſi leviſſime connata, ſupra medium ad oras pilis faſciculato-ſtellatis ciliata. Antheræ hirſutæ, ad apicem barbatæ. Germen pedicellatum, obverſe ovatum, quinqueſulcatum, pilis ſtellato-faſciculatis totum hiſpidum. Styli contigui, pilis ſimplicibus hiſpidi, erecti.

Creſcit ad Promontorium bonæ Spei. Floret Aprili & Majo. Siſtitur ramus florens cum trunci ſuperioris parte; dein aucta ſtamen & piſtillum.

122.

HERMANNIA DENUDATA.

Hermannia foliis lanceolatis, acutis, lævibus, ſuperne ſerratis. *Linn. ſyſt. pag. 611. Cavan. diſſ. pag. 329. tab. 180. fig. 1.*

Tota glabra & inodora. Caules fruticoſi, plerumque ex eadem radice plures, teretes, calamum vel & digitum craſſi, ramoſi, erecti, quadripedales, nigrofuſci. Folia alterna, breviter petiolata, lanceolata, acuta, ad medietatem uſque ſæpius integerrima, dein ad apicem uſque argute ſerrata, craſſula, rigidula, erectiuſcula, ex glauco virentia, plus minus biuncialia. Stipulæ longe lanceolatæ, acuminatæ, integerrimæ, glaucæ, erectiuſculæ, fere ſemiunciales. Pedunculi racemoſi, oppoſitifolii, folioloſi, bracteolati, erectiuſculi, tres quatuorve uncias longi. In his folia inferiora ſæpe caulinis ſimi-

[illegible]
[illegible]
lato-acutis oppoſitis ternove circa medietatem inſtructi. Si quis autem, quos racemos ego dixi, ramulos dici malit, erunt tunc flores axillares. Flores penduli. Calyx ſubrotundus, tumidulus, ſubpentagonus, ſemiquinquefidus, ex flavo virens; laciniis ovatis acutis, erectis. Petala lutea, calyce dimidio longiora, patula, ſitu congenerum. Filamenta quinque, baſi leviſſime connata, compreſſa, lata, pallida. Antheræ oblongæ, apice bifidæ, hirſutæ, incumbentes, ex flavo fuſceſcentes. Germen obverſe ovatum quinqueſulcatum, ad angulos pilis ſtellatis obſeſſum. Styli quinque, coaliti, nec dehiſcentes, glabri, pelluſcentes. Capſula figura germinis, quinquelocularis, quinquevalvis, calyce duplo longior. Semina in quolibet loculamento ſere quatuor, orbiculato-reniformia, plana, rugoſa, nigra

Ex Promontorio bonæ Spei. Floret totam æſtatem. Tabula exhibet ramum florentem, florem ſeorſim, capſulam, hanc ſectam, auctaque ſtamen & piſtillum

123

HERMANNIA FILIFOLIA

Hermannia foliis lanceolato-linearibus, carinatis, glabris, margine ſcabris
Hermannia foliis lineari-triquetris, integerrimis. *Linn. ſyſt. pag.* 611
Hermannia foliis lineari-triquetris, glomeratis; ſtipulis magnis, lanceolatis. *Cavan.* 6, *pag.* 331. *tab.* 180. *fig.* 3

Caulis fruticoſus, teres, fuſcus, pilis ſtellato-faſciculatis minimis & vix conſpicuis aſperiuſculus, duos breve pedes altus, baſi calamum craſſus & ſic ramoſus, ut multicaulis planta dici poſſit, ramis virgatis, erectis, cauli ſimilibus, totis ipſis alternatim ramoſis. Folia alterna, ſubſeſſilia, lanceolato-linearia, ſuperne paulo latiora, acuta, carinata, utrinque glabra, ad oras per lentem omnium minutiſſimo cartilagineo-denticulata, vix uncialia. Stipulæ geminæ, lanceolatæ, mucronatæ, erectæ, foliis quadruplo breviores. Pedunculi terminales, ſubumbellati, ab unico ad quinque, uniflori, breves teretes, glabriuſculi, ſinguli ſuffulti bractea ſtipulæ ſimili. Flores penduli, interdum [illegible] odori noctu ſuaveolentiam Orchidis odoratiſſimæ imitantes. Calyx ovatus, ſubpentagonus, glaber, ad unam tertiam quinquefidus, acutus, erectus, pallide virens. Petala calyce duplo longiora, flaveſcentia, dorſo parùm rubra, ſolito more mutuo incumbentia [illegible] liberrima, in conum conniventia, glabra. Antheræ erectæ, bifidæ. Germen ſubrotundum, pedicellatum, pilis ſtellato-faſciculatis hirſutum. Styli quinque, in unum corpus connati, erecti, inferne pilis ſimplicibus, capitatisque hirſuti. Capſula ovata, quinqueſulcata, ſcabra, quinquelocularis, quinquevalvis. Semina plurima, fuſca

Ex Promontorio bonæ Spei. Floret ab Aprili ad Junium. [illegible] ſuperior caulis & ſecta piſtillum & ſtamen

124

HERMANNIA CUNEIFOLIA

[illegible]
ſerrulatis, ſtipulis bracteiſque ſubcordatis

Frutex tripedalis, erectus, ramoſiſſimus, trunco tereti, calamum craſſo, rubigi-

[illegible]
cuneiformia, alterna, breviter petiolata, truncatula, verſus apicem & in apice denticulata, cæterum integerrima, venoſa, numeroſa, ex incano virentia, longiora vix unciala, caulina duplo latiora & hinc fere obverſe ovata. Stipulæ cordato-ovatæ, acuminatæ. Racemi multiflori, terminales, erectiuſculi, ſecundi, aphylli, laxi, bracteis nu-
[illegible]
nutantes, paulo infra florem ornati bracteola propria aut unica aut duplice, & unica quidem diverſimode diviſa in tres, quatuor, rarius quinque lacinias lanceolatas acutas & in
[illegible]
plicibus ciliatæ. Petala lutea, calyce fere triplo longiora, unguibus erectis, limbo patulo, ſitu & figura congenerum. Filamenta quinque, cuneiformia, compreſſoplana, ſuperne ad oras pilis ſtellato-faſciculatis ciliata, baſi leviter coalita. Antheræ didymæ, acutæ, conniventes, fulvæ, piloſæ. Germen obverſe ovatum, quinqueſulcatum, ad
[illegible]
loſi. Capſula hirta. Semina plurima, fuſceſcentia

Ex Promontorio bonæ Spei. Floret autumno. Siſtuntur pars caulis florens, & ſecta ſtamen piſtillumque

125.

HERMANNIA TRIFURCA

[illegible]

[illegible] Linn. Sp. Pl. pag 610. Cavan. diſſ. pag 331. tab. 78. fig 1.

Caulis fruticoſus, bipedalis, digitum minimum craſſus, totus ramoſus, teres, glaber, fuſceſcens. Folia alterna, breviter petiolata, cuneiformia, apice truncato tridentata, ad oras integerrima, utrinque tomentoſa, ex incano virentia, plus minus ſemuncialia longa, ſummis in ramulis petiolaribus cum apice integerrimo. Stipulæ [illegible] Pedunculi in ramulis junioribus axillares, ſolitarii, filiformes, geniculati, uniflori, ad idem latus nutantes, unde flores racemoſi, ſecundi & penduli. Calyx campanulatus, ne vel minimum inflatus, viridis, tomentoſus, ad duas tertias quinquefidus, tubo pentagono, limbi laciniis lanceolatis, acuminatis, erectis. Corolla figuræ campanulatæ, primo uno alterove die purpureo-rubra, dein cærulea, calyce duplo longior. Petala quinque, ex ungue longo & connivente-cucullato decurrentia in laminam obverſe ovatam, rotundatam, planam, erectam nec vel minimum patulam. Filamenta quinque, baſi leviſſime connata, lata, compreſſa, erecta, pallida. Antheræ ſubulatæ, acutæ, longæ, erectæ, in conum conniventes, ſulphureæ, piloſæ, apice bifido barbatæ. Germen pedicellatum, obverſe ovatum, quinquangulare, totum hiſpidum, coronatum quinque cuſpidibus bifidis. Styli quinque, unum ſtylum quinqueſulcatum mentientes, hiſpidi,
[illegible]
funde quinqueloba, lobis ovatis, acuminato-mucronatis, compreſſis, rugoſis, ad oras ciliatis, extrorſum in ſtellam divaricatis, fuſcis, unilocularibus, bivalvibus. Semina in quolibet loculamento duo vel tria, orbiculato-reniformia, rugoſa, fuliginea.

Ex Promontorio bonæ Spei. Floret totam æſtatem. Siſtuntur ramus florens; ſectaque ſtamen, piſtillum & capſula

126.

HERMANNIA ANGULARIS

Herm[illegible] foliis [illegible], calycibus alato-quinquangularibus

Frutex erectus, tripedalis, ramoſus, caule tereti, calamum & ultra craſſo, fuſco, [illegible]
[illegible]
to-faſciculatis hirſuta, ad oras pilis ſimplicibus hirta, unciata, ſummis quædam ſæpe i[illegible]tegerrima & acuta. Stipulæ lanceolatæ, acuminatæ, ciliatæ, recurvatæ, integerrimæ, [illegible]
flori vel biflori, nutantes, breves, hirtuli. Bracteola ſtipulis ſimili ſuffulti. Calyx ſubrotundus, inflatus, alato-quinquangularis, ad lentem hirtulus, pallide virens. Petala [illegible]ce paulo longiora, lutea, foris paruumper rubentia, ſitu & figura congenerum. F[illegible]
[illegible]
[illegible]cum, pilis ſtellato-faſciculatis hirſutum. Styli quinque, in unum corpus [illegible] inferne pilis ſimplicibus capitatiſque hirſuti.

Creſcit ad Promontorium bonæ Spei. Floret Aprili & Majo. Tabula exhibe[illegible]mum florentem, auctaque ſlamen & piſtillum.

127.

[illegible]ERMANNIA SCABRA

Hermannia caule tuberculis faſciculatis hirtis ſcabro, foliis cuneiformibus, ſerratis, [illegible] oras revolutis, ſcabris, pedunculis ſubbifloris.

Hermannia caule ſcabro, foliis lanceolato-ovatis, dentatis, ſcabris, pedunculis bifloris, calycibus breviſſimis. *Cavan. diſſ. pag. 331. tab. 182. fig. 2*

Hermannia hirſuta. *Schrad. ſert. pag. 10. tab. 4*

Frutex quadripedalis. Caulis, rami, folia utrinque & ad oras, ſtipulæ, calyx & germen obſidentur tuberculis pilos aggregatos emittentibus, hinc ſcabra. Caulis ramique teretes, adulti ferruginei. Folia ſunt alterna, numeroſa, breviſſime petiolata, late c[illegible]
[illegible]
revoluta & ſæpe undulata, rugoſiuſcula, ſubtus incana, patentiſſima, vix unciam longa. Stipulæ cordato-cuſpidatæ, patentiſſimæ. Pedunculi axillares & terminales, hiſpidi, ſæpius biflori, etiam per pedunculos bifloros plures racemoſi, erectiuſculi. Bracteæ lanceolatæ, hiſpidæ, plerumque ternæ. Flores nutantes, inodori. Perianthium [illegible]phyllum, campanulatum, nec inflatum, decagonum, quinquedentatum, ex flavo virens, denticulis acutis, erectis. Petalorum luteorum & calyce duplo longiorum u[illegible] cavi & incurvi, laminæ ſubrotundæ & emarginatæ. Filamenta quinque, ipſa ſola baſi [illegible]
ſula, albida. Antheræ oblongæ, apice bifido acutæ, ſordide luteæ, [illegible] villoſæ. Germen obverſe ovatum, quinqueſulcatum, viride. Styli quinque, conniventes, erecti, ſubulati, pilis capitatis villoſi. Stigmata obtuſa. Capſula ſubrotunda,
[illegible]
[illegible]

Ex Promontorio bonæ Spei. Floret primo vere. In tabula habentur ramus florens, pars ramuli fructeſcentis, & aucta ramuli ſruſtum, piſtillum, calyx, & genitalia

128

HERMANNIA MULTIFLORA

Hermannia foliis cuneiformibus, ſuperne denticulatis, rugoſis, hirtulis

Frutex tripedalis, ramoſus, diffuſus, florum tanto numero onuſtus, ut totus inde flaveſcat. Caulis teres, calamum vel & digitum craſſus, ſcabriuſculus, ſaturate fuſcus [illegible]

[illegible] terna, breviter petiolata, ſubcuneiformia, obtuſa, ſæpe emarginata, verſus apicem [illegible]

[illegible] minus ſemiuncialia. Stipulæ ex baſi plerumque lanceolata vel rarius ex cordata acu[illegible] tæ, hirtæ, parvæ. Pedunculi terminales ſæpius gemini, & baſi [illegible]

[illegible] fidi laciniæ acuminatæ, erectæ. Corolla calyce duplo [illegible] [illegible]

129

[illegible]RMANNIA FLAMMEA

[illegible]a foliis cuneiformibus, apice truncato denticulatis, planis, calycibus [illegible]

Caulis fruticoſus, teres, vix calamum craſſus, fuſcus, ramoſiſſimus, debilis dif[illegible]

[illegible]

Bracteæ lanceolatæ ad ortum pedunculorum, & ſubulatæ minutæq[illegible] ad pedicellos. Flores penduli, odorem fœni recentis ſpirantes. Calyx [illegible] quinquefidus, ex viridi pallens, [illegible]

[illegible] [illegible]aliter inflexa, erecta cum limbo bre[illegible]

[illegible] in unum corpus connata. Antheræ ſubulatæ, didymæ, conniventes in conum, hirſutæ, [illegible]

[illegible]

[illegible] lyx, flamen & piſtillum

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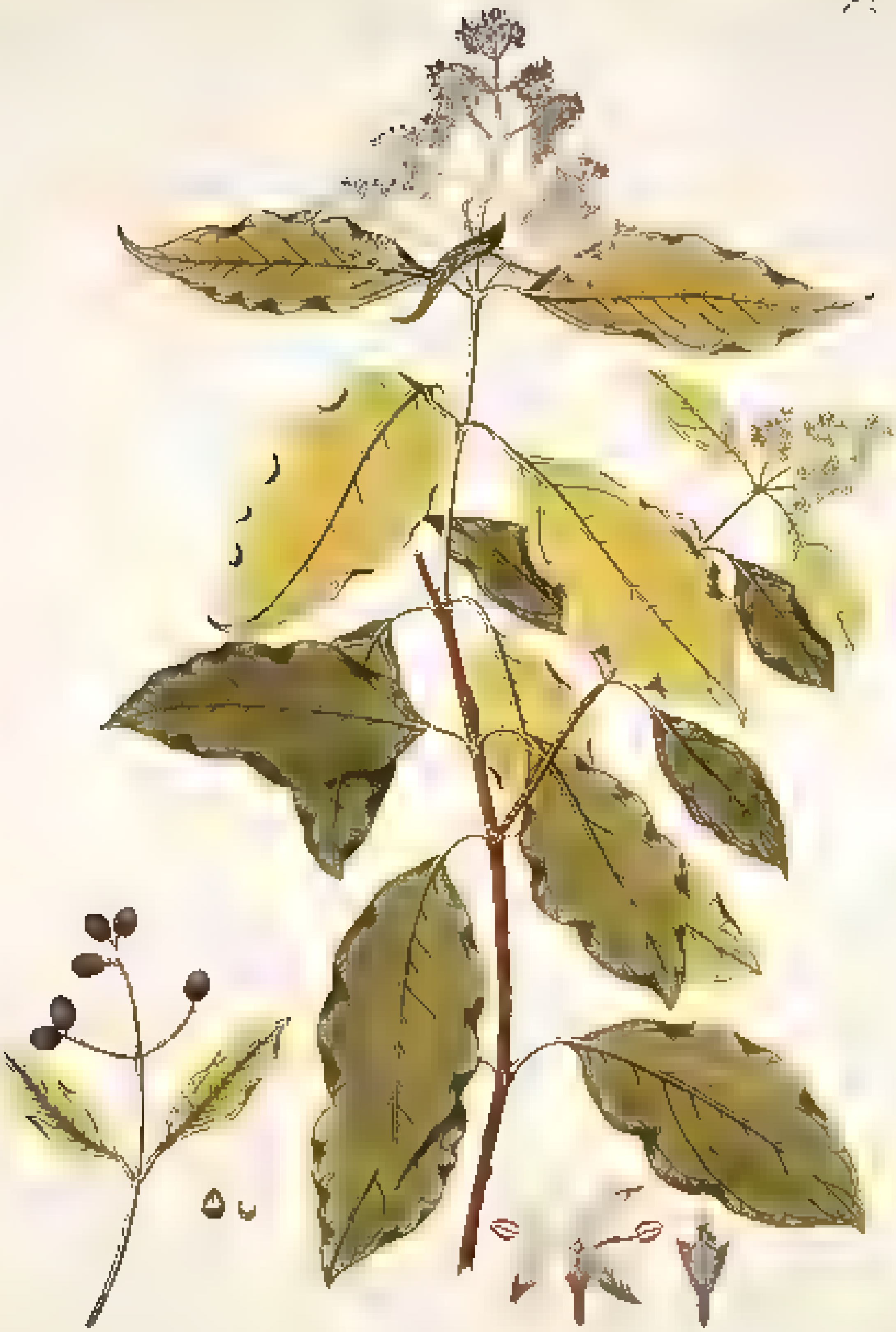

Olea undulata

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Justicia lithospermifolia

Salvia argentea

Moraea elegans

Gladiolus
imbricatus

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Ixia bulbocodium

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Ixia erecta

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Ixia maculata [illegible]

Ixia miniata.

[illegible]

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Protea linifolia

Buddlea salicifolia

Wallenia angularis

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[illegible]

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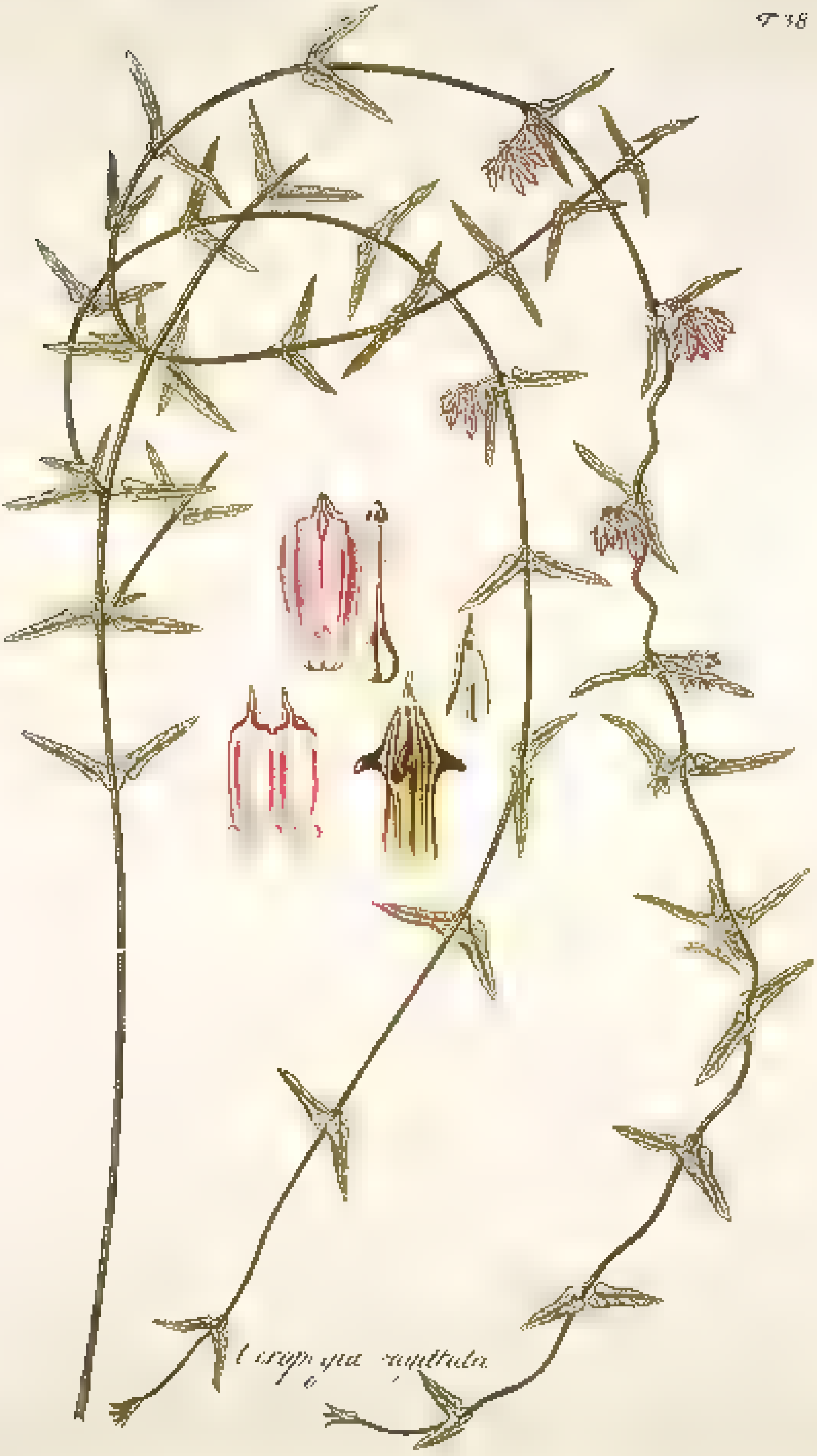
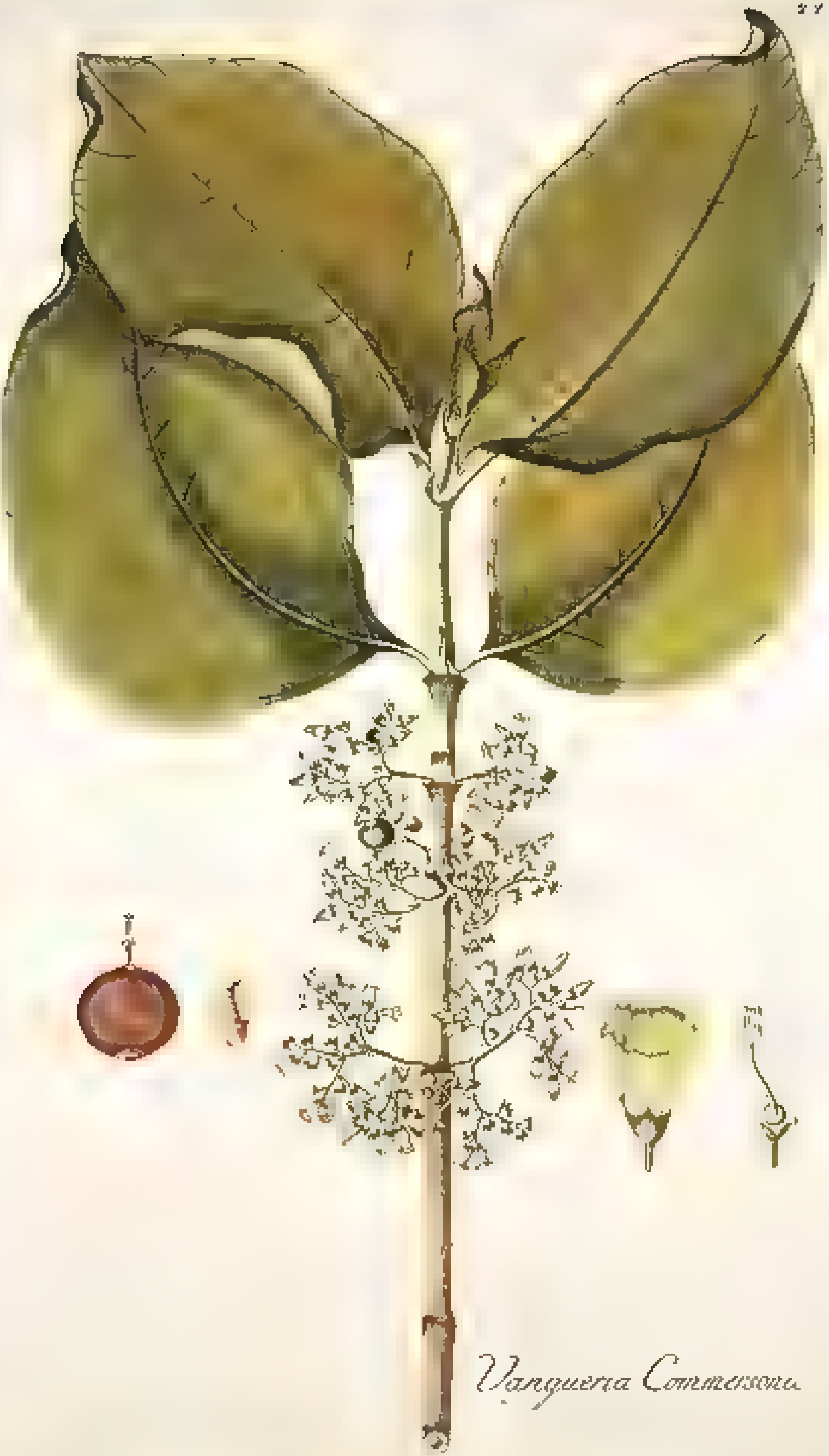
Ipomœa Bona nox



Ceropegia [illegible]

Cacha [illegible]

Solanum rigescens



Vanguera Commersonii

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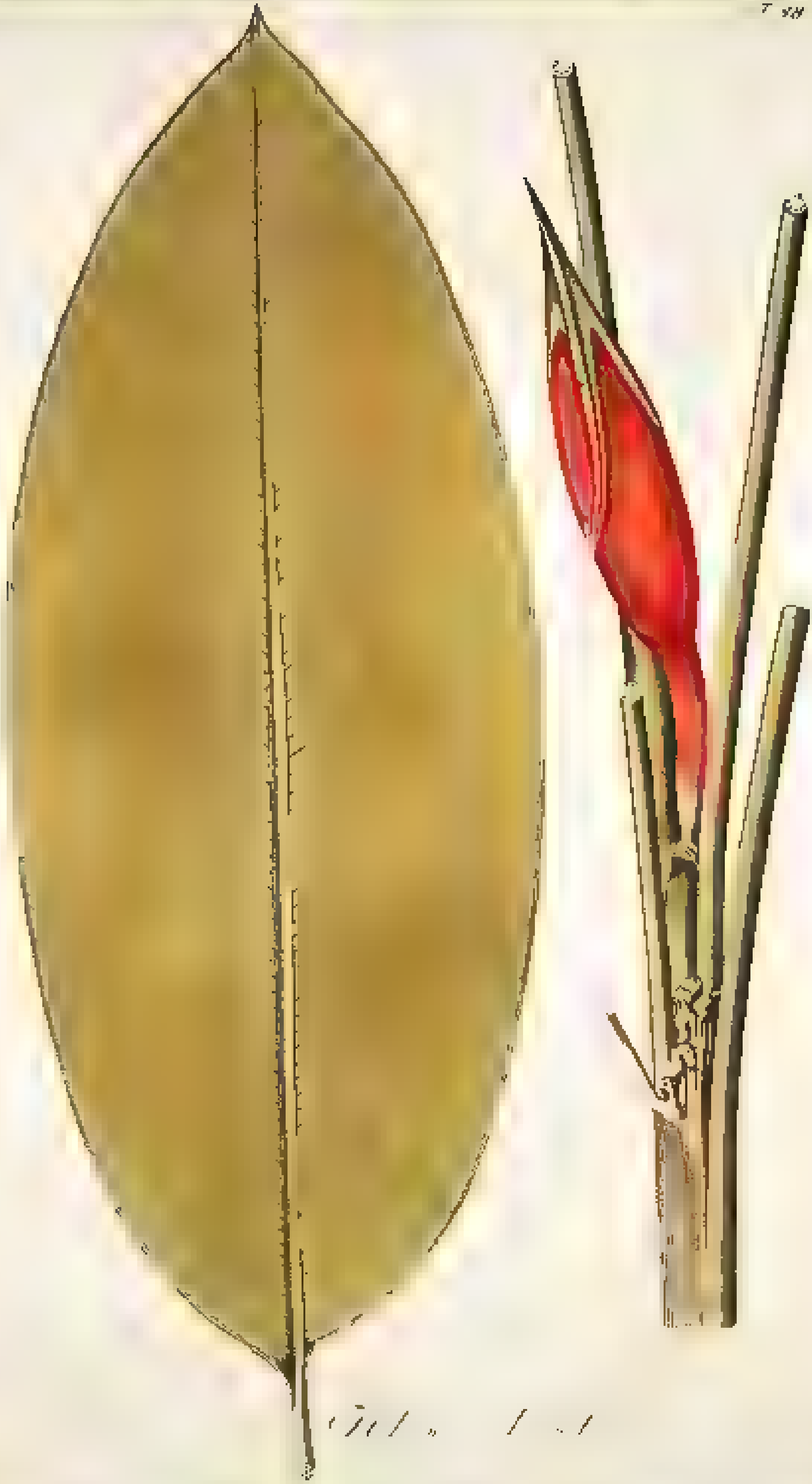
Bœhmeria catalpæfolia



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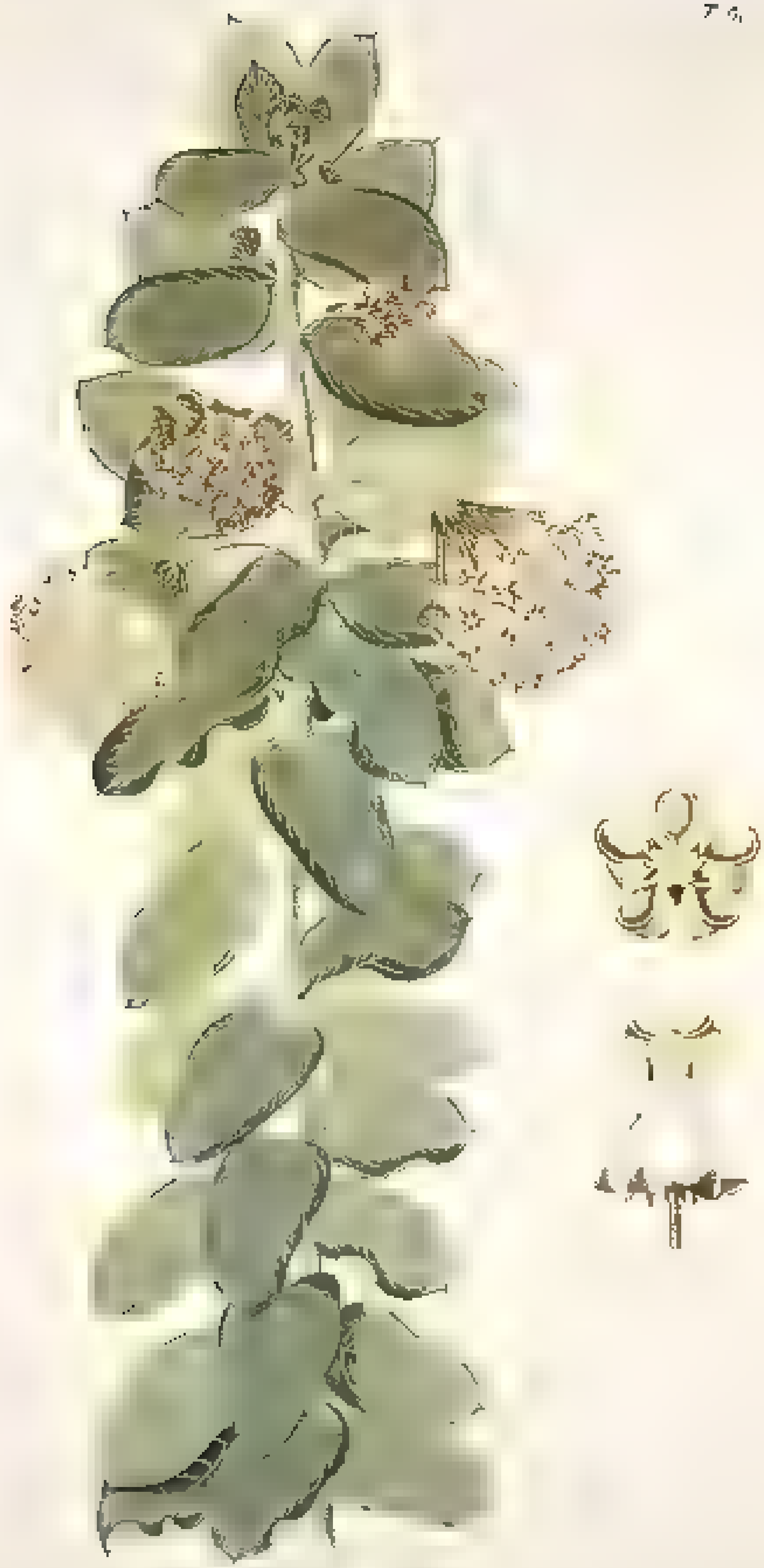
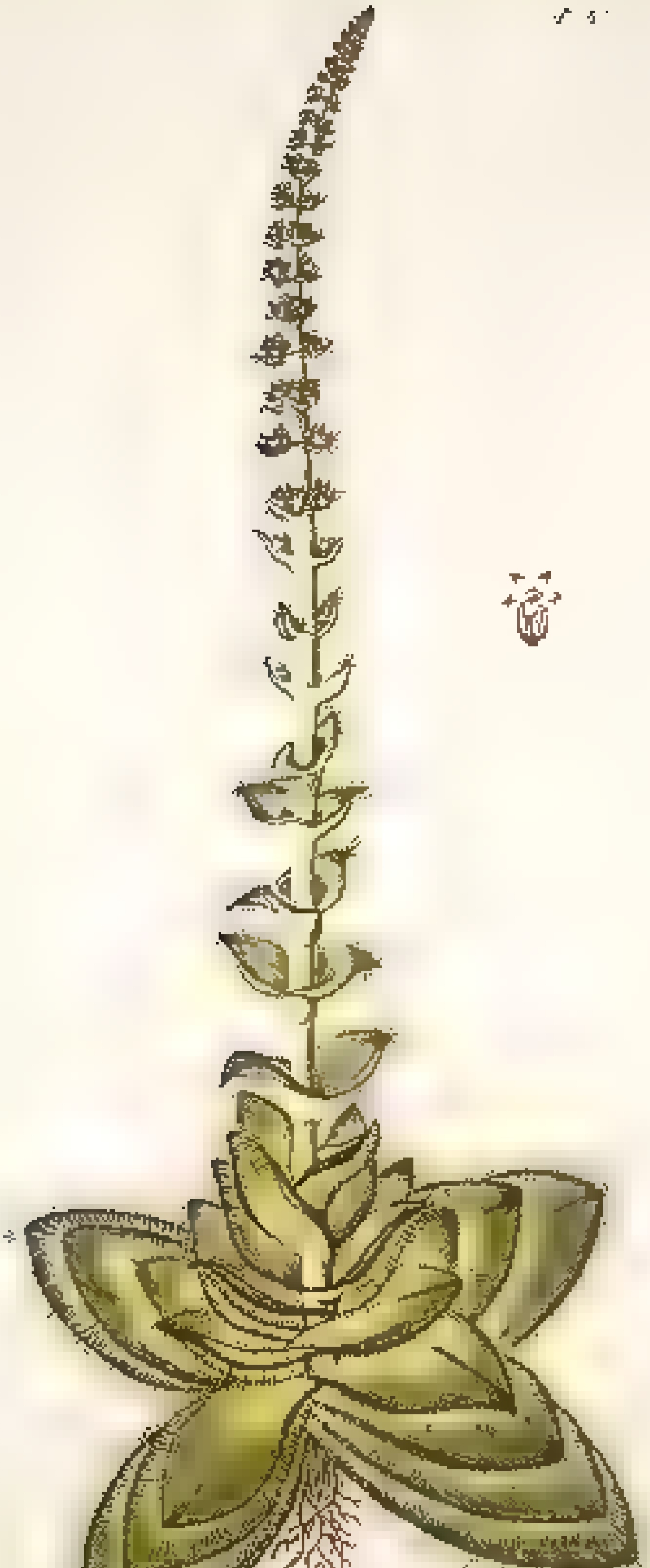
Heliconia humilis





Craſſula turrita

T 54

Haemanthus [illegible]

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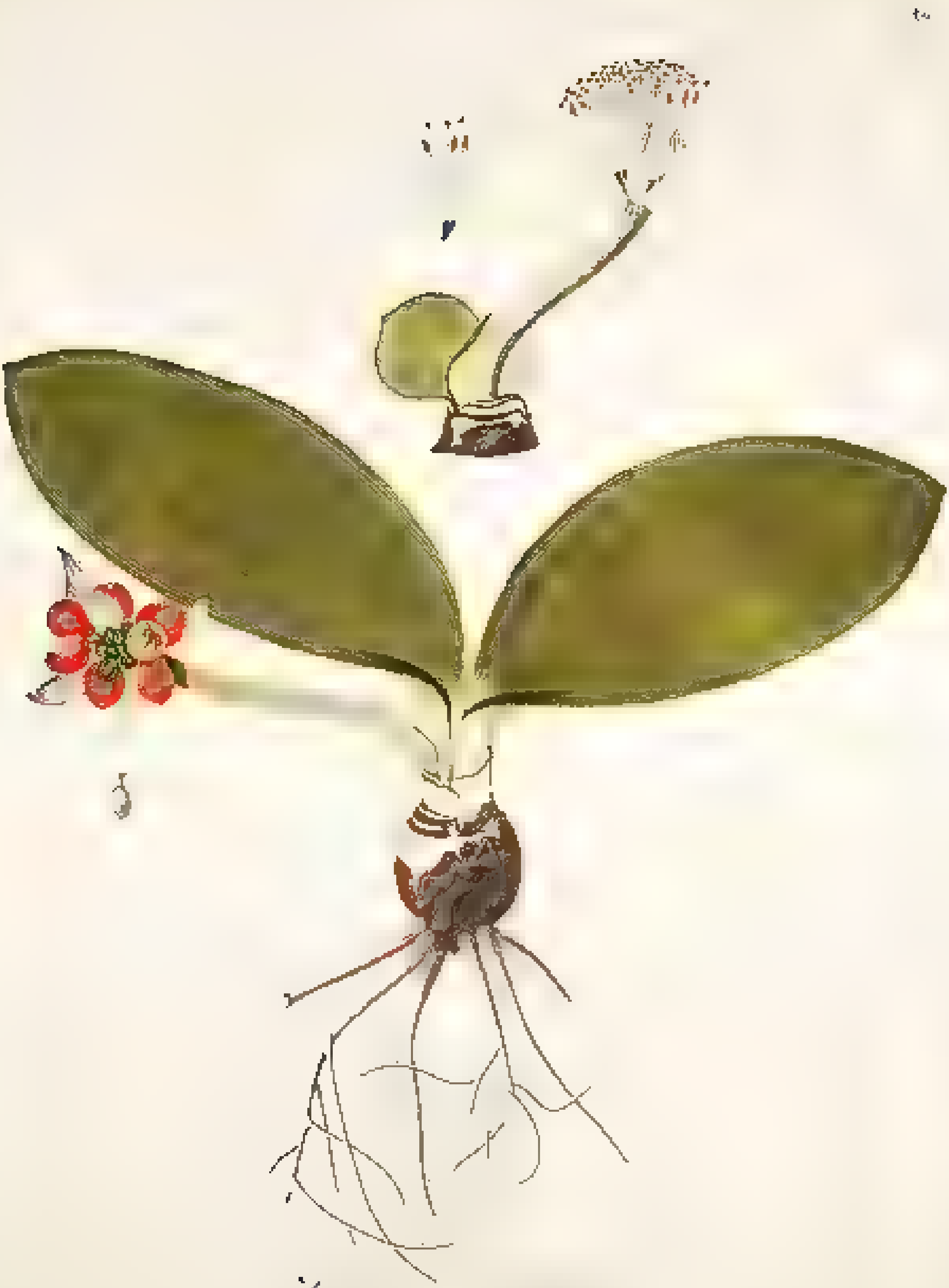
Haemanthus pumilio



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Haemanthus pumilus.

Amaryllis [illegible]

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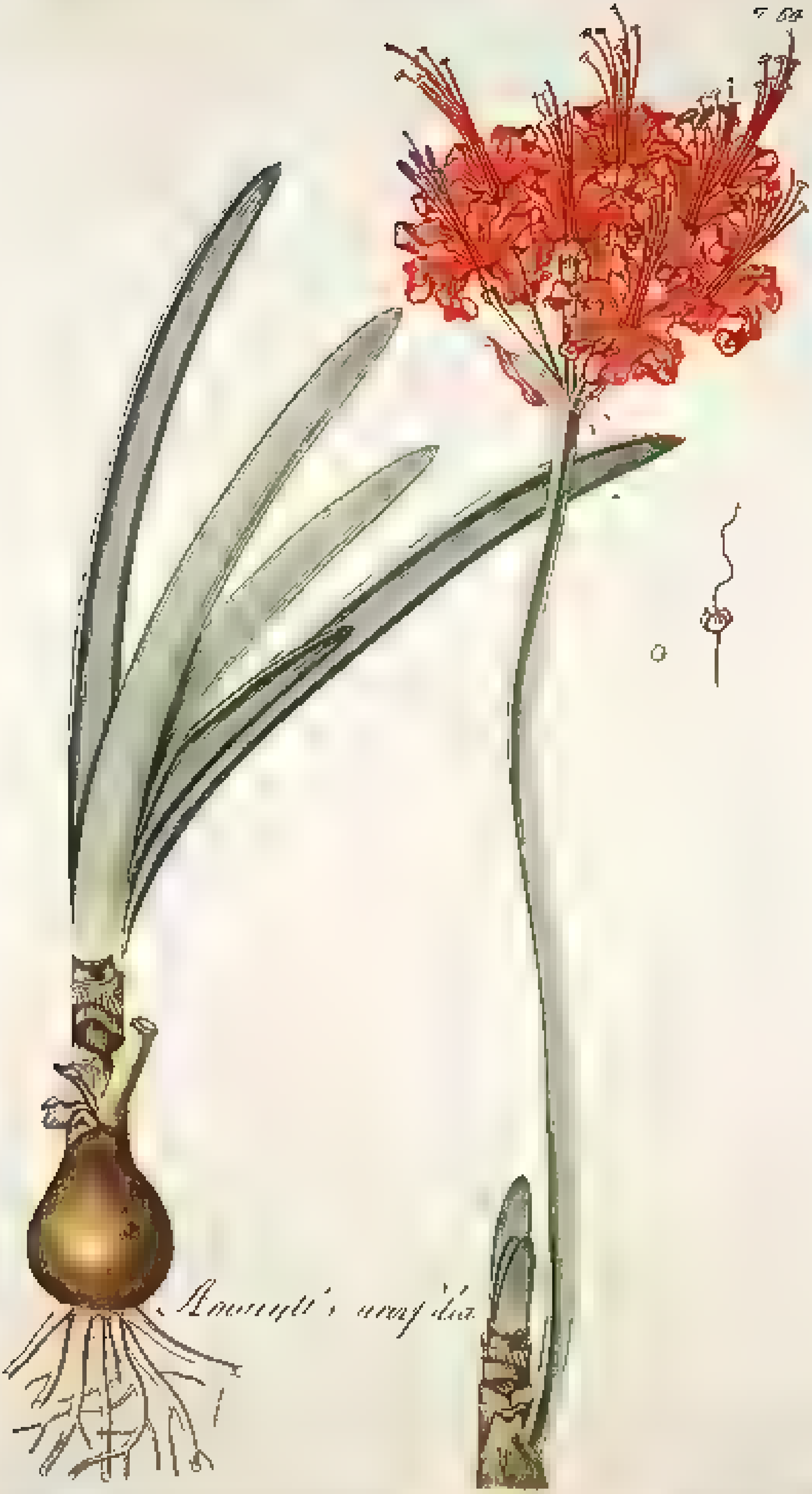
Amaryllis equestris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Amaryllis curvifolia

Amaryllides sarniensis varietas

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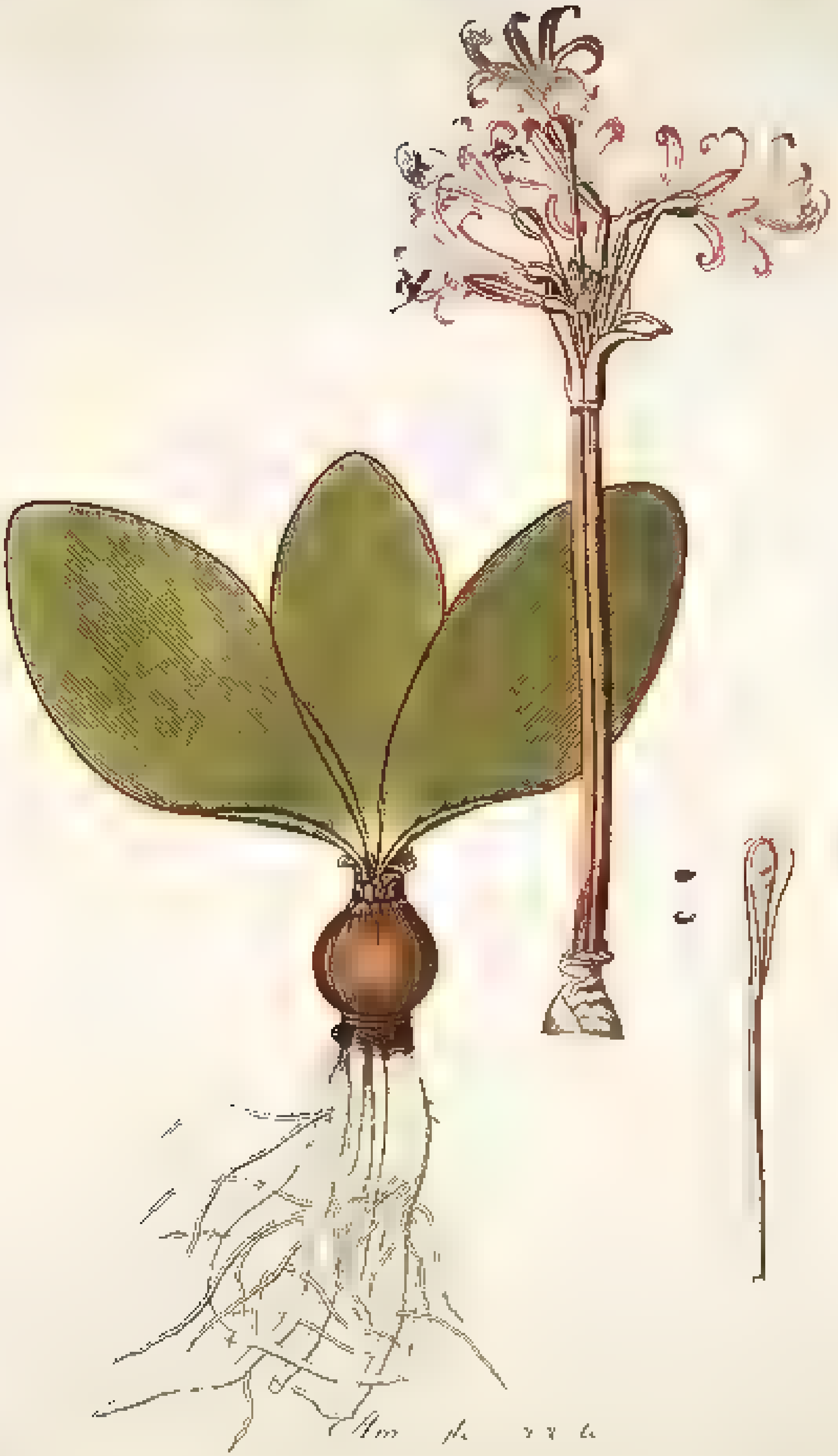
Amaryllis



[illegible]

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Amaryllis crispa

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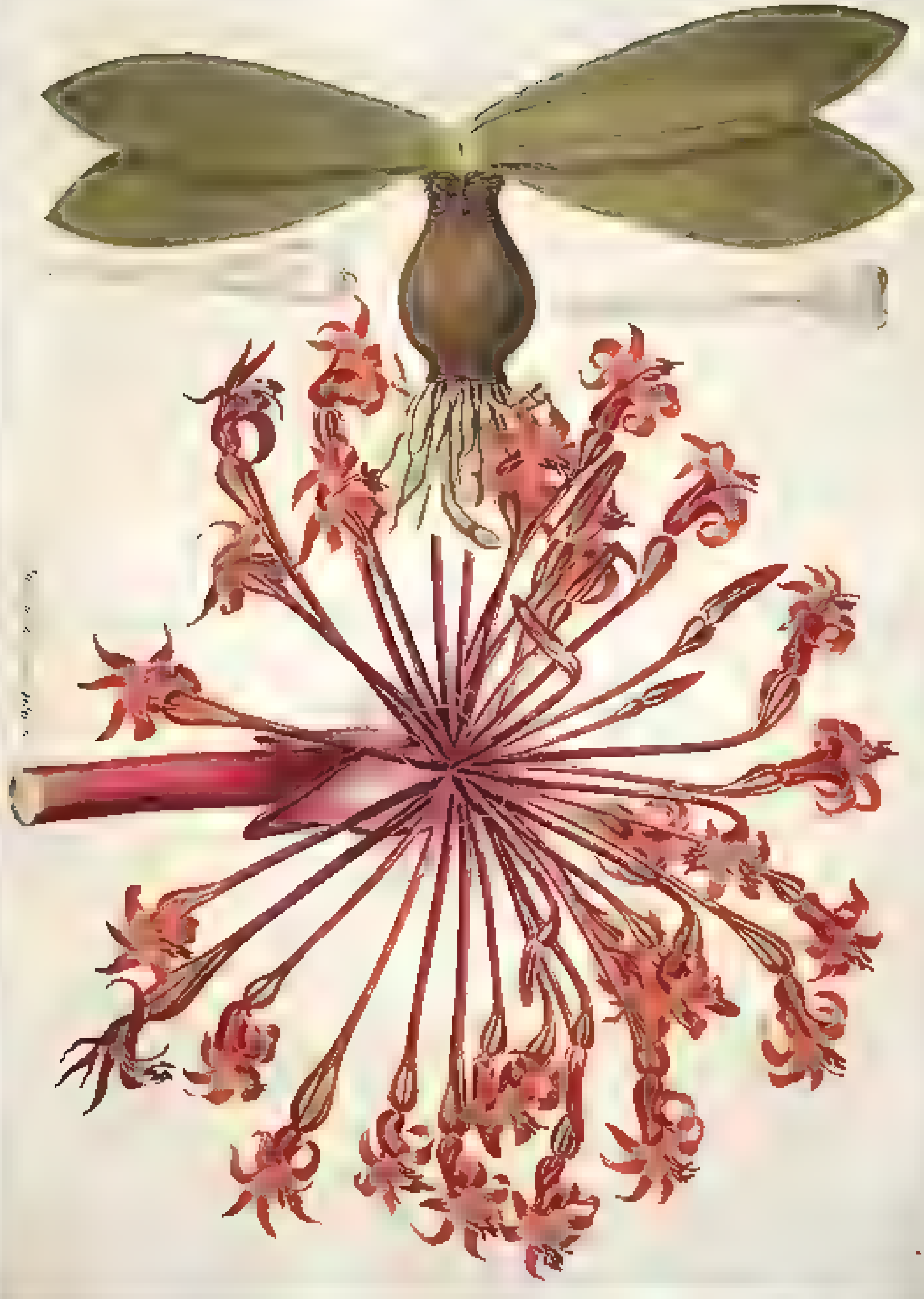
Amaryllis aurea



Cyrtanthus angustifolius

Gethyllis ciliaris

.lethyles pucatu

Hyacinthus [illegible]

Lachenalia unifolia

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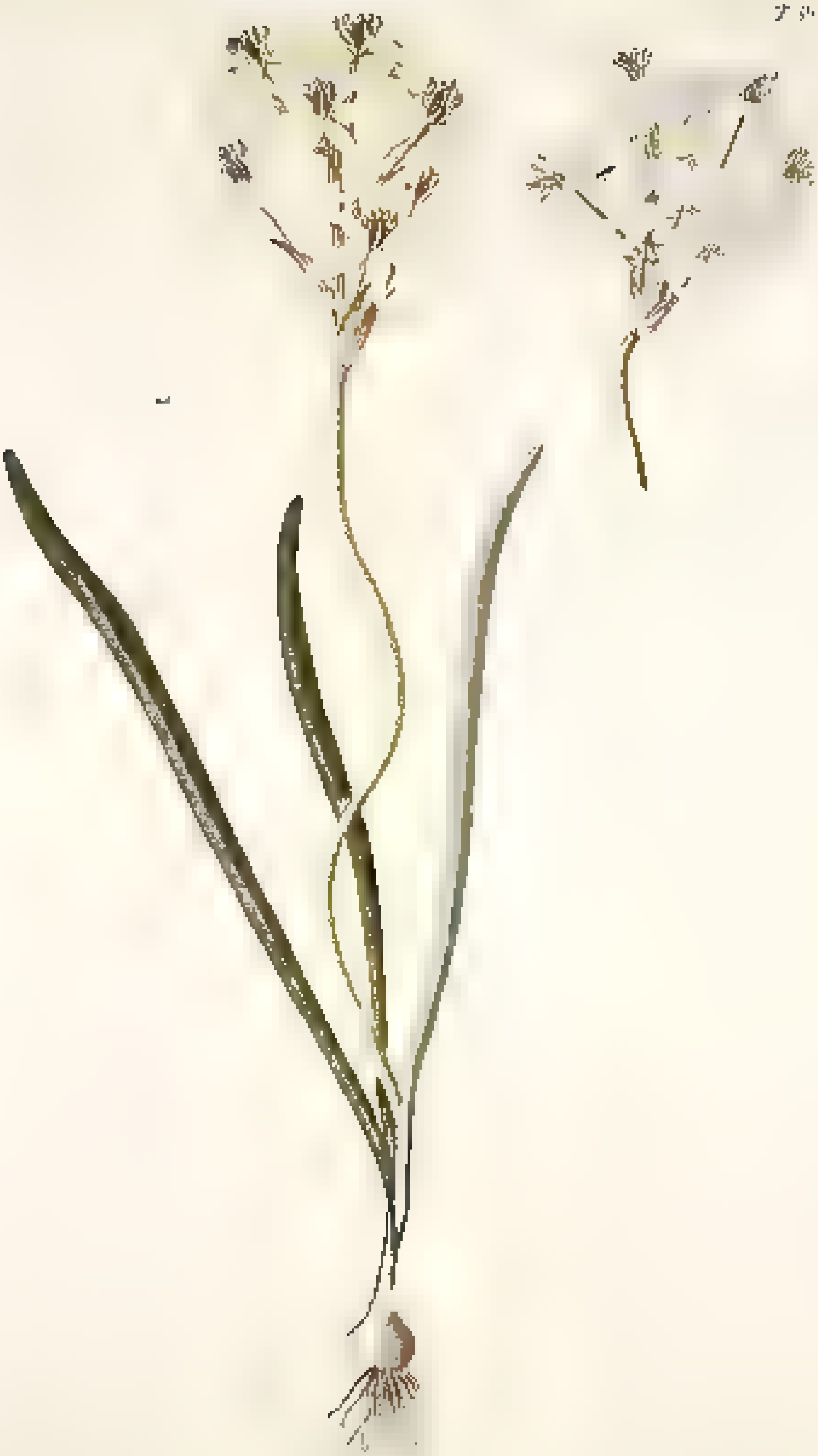
Ornithogalum giganteum



[illegible]

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Ornithogalum [illegible]

Ornithogalum barbatum

Dracaena cernua

Tropæolum peregrinum

Paullinia curura

Thouinia spondioides

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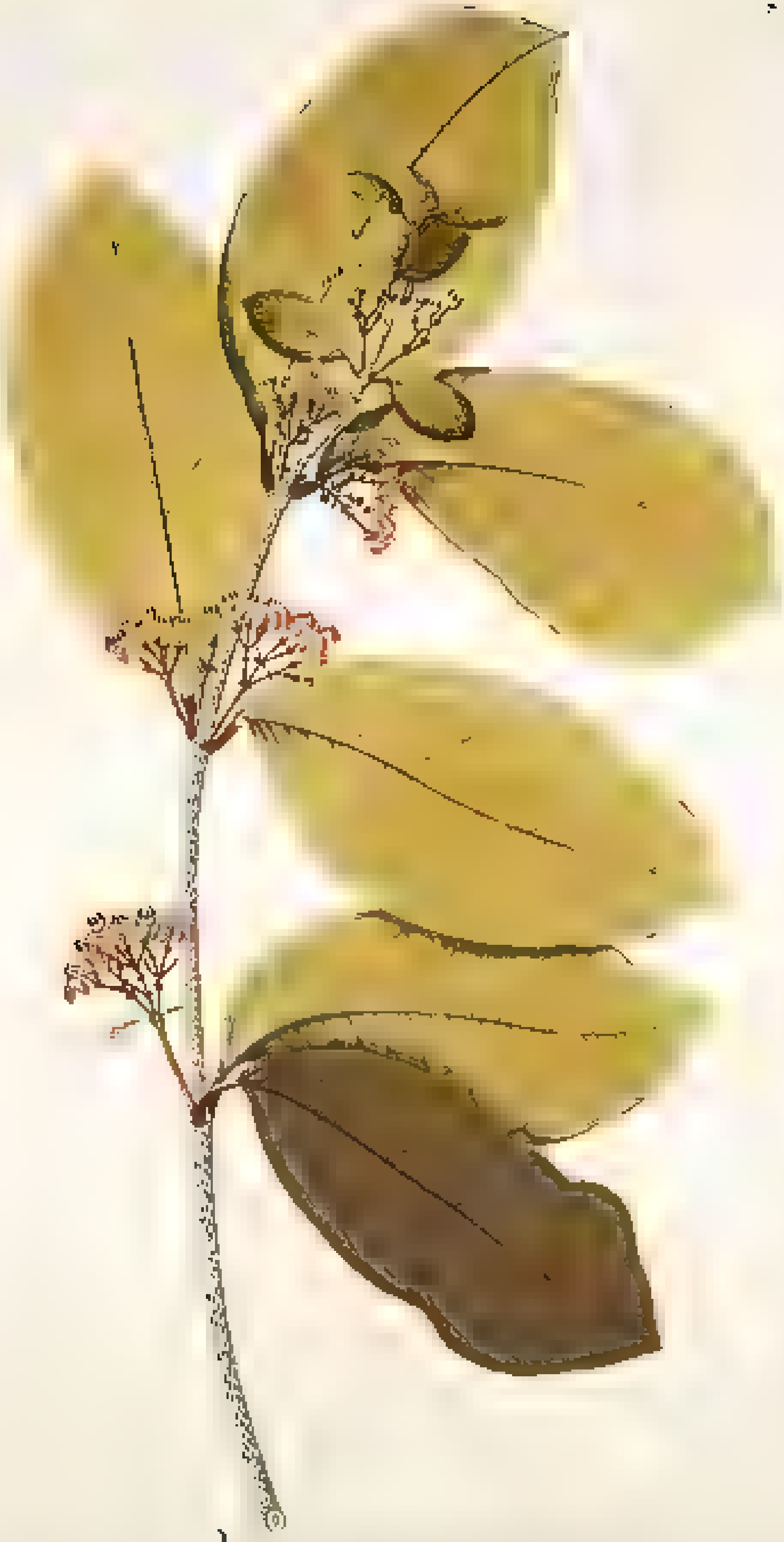
Malpighia tuberculata



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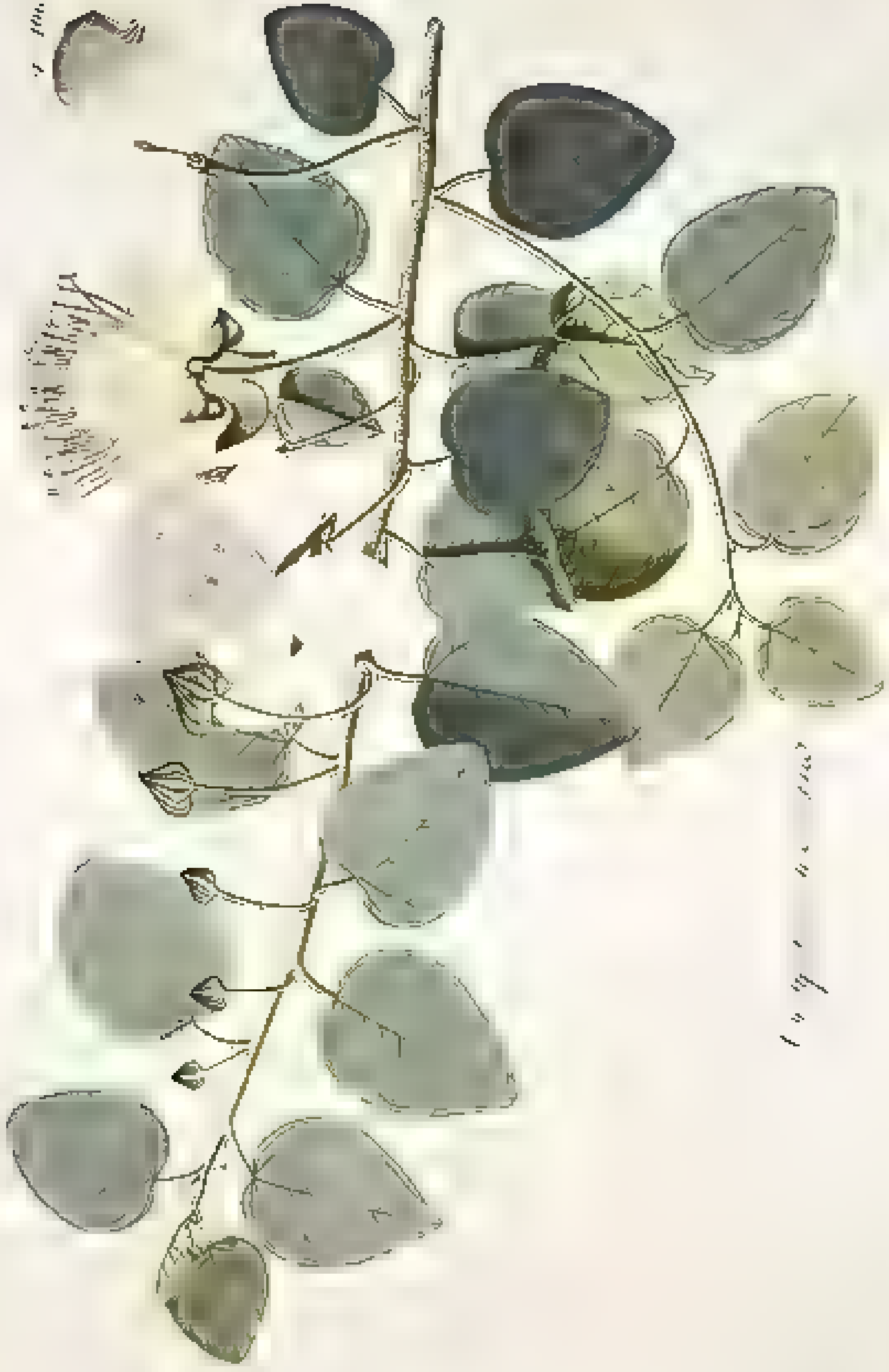
Euphorbia capitata

Mesembryanthemum clavatum



Ludia tuberculata

Hosta

Hermannia [illegible]

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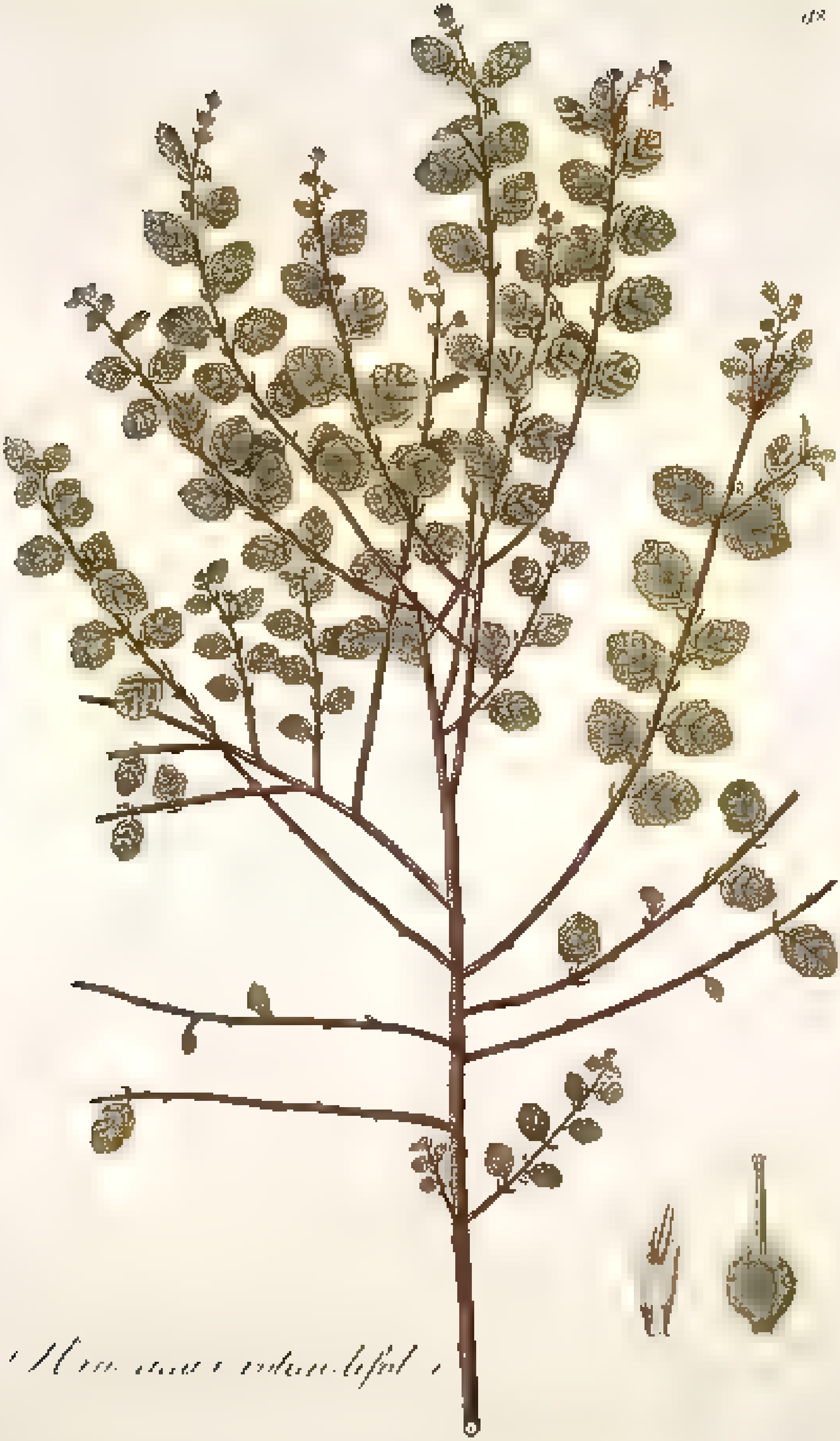

Mimosa rotundifol.

[illegible]

Mahernia pulchella

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Hermannia cuneifolia

125.

Hermannia [illegible]

Hermannia angularis

Hermannia multiflora.

Hemimeris flammea