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# PLANTARUM RARIORUM

# HORTI CÆSAREI SCHOENBRUNNENSIS

# DESCRIPTIONES ET ICONES.

OPERA ET SUMPTIBUS

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

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## 401.

### PROTEA TORTA.

Protea foliis linearibus, obliquis, callosis. *Linn. syst. pag. 159. Thunb. diss. num. 31. pag. 31.*

Tota glabra est. Caulis fruticosus, erectus, tripedalis, teres, calamo crassior, ex cinereo fuscus, ad intervalla subverticillatim ramosus, non cum ramis varie tortus. Folia sparsa, sublinearia, integerrima, acutula, subsessilia, obliqua, apice callosula, secundum longa; adulta adscendentia firmula & subglauca. Capitulum terminale, breviter pedunculatum, solitarium, subovatum, obtusum, parvum; infra quod novi ramuli exeunt plusculi. Perianthium commune imbricatum, brevissimum, tomentosum. Petala quatuor, linearia, foris argenteo-sericea, interne erecta in tubum, superne patentissima, infra apices antheram flavam sessilem et procumbentem gerentia. Stylus filiformis, erectus, longitudine corollæ. Stigma clavatum, obtusum.

Crescit ad Promontorium bonæ Spei. Floret apud nos Junio. Tabula repræsentat partem summam caulis florentis, et pectum florem.

## 402.

### EUGENIA JAMBOS.

Eugenia foliis integerrimis; pedunculis ramosis, terminalibus. *Linn. syst. pag. 461.*
Jambosa silvestris alba. *Rumph. amb. vol. 1. pag. 127. tab. 39.*
Malacca Schamlu. *Rheed. mal. vol. 1. pag. 27. tab. 17.*
Perfici officulo fructus malaccensis ex candido rubescens. *Bauh. pin. pag. 441.*

Plures inter arbores hujus speciei, cultas in horti calidariis, magis adulta, ipsa ex insula Mauritii adlata, jam sedecim altitudine pedes æquat, trunco gaudet brachium crasso fuscescente et ad tactum striis minutis scabro. Hæc sola per plures jam annos fructus plurimos fert maturos; quorum semina, terræ mox mandata, brevi germinant omnia, at pleræque inde enatæ plantulæ, primis mensibus vegetissimæ, intra annum pereunt. Rami diffusi, teretes, infra folia summo compressi. Folia sunt opposita, brevissime petiolata, elliptica, utrinque acuta, integerrima, glabra, venosa, subcoriacea, supra nitida, plus minus semipedalia, ad solem punctis pallidis pellucida. Pedunculi terminales, ramosi, crassi, foliis breviores, multiflori, partiales tres duos vel solum unicum florem sustinentes. Flores speciosi, subodorati. Calycis profunde quadripartiti & sordide purpurascentis laciniæ subrotundæ, concavæ, obtusæ, patentissimæ. Petala quatuor, albida, obverse ovata, rotundata, valde concava, patentissima, calyce triplo

longiora, decidua. Filamenta numerosissima, subulata, alba, calyci inserta, petalis duplo longiora, patentia in omnem sensum, decidua. Antheræ parvæ, incumbentes, flavescentes. Germen inferum, turbinatum, glabrum, sordide purpurascens, coronatum margine geminato incrassato subquadrangulari, cui stamina insident. Stylus filiformis, erectus, longitudine staminum, emarcidus jam diu persistens, etiam aliqua sui parte nonnunquam ipso in fructu maturo. Stigma simplex, acutum. Drupa subovata, non angulata, calyce coronata, modo simpliciter flavens, modo cum rubedine, odoris rosacei, carne crassa dulci albida eduli & os gratissimo implente rosarum odore, unilocularis. Nux fusca, glabra, subrotunda, solitaria; vel paucæ angulatæ.

Crescit in India orientali. Floret apud nos Septembri & Octobri, sæpe iterum primo vere. Tabula sistit ramulum florentem; eundem fructescentem; & scorsim fructum alium integrum aliumque longitudinaliter dissectum, & nucem.

## 403.

### CACTUS PHYLLANTHUS.

Cactus prolifera, ensiformi-compressa, sinuato-repanda. *Linn. syst. pag. 460.*
Cereus scolopendrii folio crenato. *Dill. ethb. vol. 1. pag. 73. tab. 64.*
Phyllanthus americana, sinuosis foliis longis crassis & corollis Opuntiæ in modum floriferi. *Pluk. alm. pag. 295. tab. 247. fig. 5.*

Tota inermis & glabra est, apud nos tres quatuorve pedes alta. Caules ex eadem radice plures, teretes simulque ancipites propter membranam utrinque extantem, seniores digitum & ultra crassi fuscique, erecti, in folium terminati planum cum costa utrinque tereti & prominente, alternatim sinuatum & lobatum, undique obtusissimum, integerrimum, coriaceum, firmum, a dimidio ad sesquipedem longum, duas tresve uncias latum, proliferum aliarum Cactorum more. Flores solitarii & sessiles ex crenis foliorum, ad quas tunc costa transversa ex costa media principe orta pergit, et pedunculi folio immersi vices gerit, cæterum inodori, erectiusculi, & interdiu expansi. Calycis tubus est cylindricus, calamum crassus, sulcatus imprimis infeme, a sex ad novem uncias longus, cum aliqua flavedine albidus, bracteolis vagis in decursu parce ornatus, superus; abiens in limbum patentissimum, diametri fescuncialis, divisum in laciniis plurimas lanceolatis acutis foris virentes & intus pallidas. Petala plura, calycis limbo inserta, alba, cæterum laciniis calycinis similia. Filamenta numerosa, subulata, summæ parti tubi calycis infixa, petalis breviora. Antheræ lineares, albæ. Germen inferum, ovatum, viride, bracteolis vestitum. Stylus filiformis, pennam columbinam crassus, longitudine staminum, pallide flavescens. Stigma capitatum, in plures laciniias stellatim patentissimum. Bacca ex subrotundo ovata, nitida, coccinea, bracteolata, nucis juglandis magnitudine, cum pulpa alba saporis latte-dulcis, & seminibus parvis nigrisque nidulantibus plena.

Crescit in Brasilia, Surinamo & Jamaica. In caldario floret copiose Septembri & Octobri. Fructus maturescunt Decembri. Tabula sistit ramum florentem, baccam, ejusdem sectionem transversam, semen, styli superiorem partem, & novellas ex semine plantulas.

## 404.

### LEPTOSPERMUM AMBIGUUM.

Leptospermum foliis linearibus, apice recurvis; calycibus glabriusculis; dentibus foliaceis, lanceolatis, nudis; staminibus corolla longioribus. *Smith. act. Linn. Soc. 3. pag. 264.*

Frutex diffusus, glaber, tritus odoris subterebinthinaceî, bipedalis, semperviren, æstatem sub dio, hiemem in tepidario transigens. Rami teretes, fusci. Folia sparsa, linearia, superne latescentia, integerrima, subsessilia, mucronata, sæpius recurvatula, plana, utrinque virentia & ad lentem punctatula, tres quartas uncias partes longa, omnino numerosa. Pedunculi unifiori, axillares, solitarii, brevissimi. Calycis ad lentem hirtuli tubus cylindricus; limbi quinquefidi foliola lanceolata, acuta, patentissima, virentia, fere longitudine germinis. Petala quinque, obverse ovata, unguiculata, obtusa, longitudine calycis, patentissima, alba. Filamenta numerosa, calyci inserta, alba, patula, in triplici serie disposita, exteriora petalis fere triplo longiora, intima duntaxat paulo longiora. Antheræ oblongæ, didymæ, incumbentes, pallide flavescentes; ad quarum dorsum superne fit corpusculum globosum & albidum. Germen inferum, turbinatum, viride, ad lentem hirtulum. Stylus filiformis, erectus, staminibus brevior, albus. Stigma infundibuliformi-capitatum, margine obsolete lobato, virescente. Capsula subrotunda, quadrilocularis, calyce coronata. Semina plura, minuta.

Crescit in Nova Hollandia. Floret apud nos Junio. Fructus Octobri maturescunt. Tabula repræsentat ramum florentem, ramulumque fructescentem; dein aucta florem post avulsa petala discissum longitudinaliter, antheram a latere eandemque a tergo visam, stigma cum styli parte, fructum cum calyce styloque persistentibus, eundem infra calycem discissum verticaliter, dein sic discissum circa medium, & semen.

## 405.

### METROSIDEROS LINEARIS.

Metrosideros foliis sparsis, linearibus, canaliculatis, acutis, rigentibus; floribus lateralibus, confertis, sessilibus. *Smith, act. soc. linn. vol. 2. pag. 273.*

Melaleuca foliis linearibus, carinatis; junioribus villosis; floribus lateralibus, sessilibus, confertis. *Wendl. sert. hann. pag. 19. tab. 11.*

Caulis fruticosus, teres, erectus, ramosus, rimosus, ex cinereo fuscus, quadripedalis, pollicem crassus. Folia sparsa, subpetiolata, linearia, mucronata, integerrima, subconaliculata, firmula, longiora trium cialis, juniora undique molliter pilosa, adulta glabra & utrinque punctata. Flores inodori, sessiles & densissime aggregati summitates ramulorum occupant & circumdant, referuntque spicas speciosas binaculas & ob ramulos ultra prolongatos veluti comosas. Perianthium germini villoso insidet villosum ipsum, & quinquepartitum in lacinias subrotundas concavas erectas parvas & pallide fuscescentes. Petala quinque, subrotunda, concava, erecta, calyci inserta & virentia. Filamenta numerosa, subulata, longissima, erecta, calyci inserta, ab invicem distinctissima, coccinea. Antheræ oblongæ, incumbentes. Stylus filiformis, erectus, staminibus longior. Stigma obtusum. Capsula subrotunda, pisi magnitudine, coronata calyce, epidermide squamulosa, trilocularis, apice intra calycem trivalvis, ultra duos annos in frutice firmissime hærens. Semina numerosa, scobiformia.

Crescit in nova Hollandia. Floret apud nos sub dio Maio & Junio; fructescit in [illegible] Novembri. In cabula fistitur ramus florens, in quo hinc inflorescentia cum flo[illegible] adhuc clausis, inde cum iisdem expansis & vegetis, in medio cum illis jam jam corollas flammaque demittere. Dein in altero latere adest inflorescentia adultior cum superfluitibus stylis, in opposito ramulus fructescens, dein ancta capsula, eadem perpendiculariter fecta, eadem cum avulsis flammeo limbo cortices & calyce, tandem hoc eadem materiem cum valvulis jam manifeste diffluentibus.

406.

## METROSIDEROS LANCEOLATA.

Metrosideros foliis alternis, lanceolatis, mucronatis, floribus lateralibus, confertis, [illegible]

[illegible] Cav. icon. 260.

Caulis arborescens, teres, [illegible] crassus, decorticatus, ramosus, erectus, fuscescens, striatus. Folia sparsa, numerosa, brevissime petiolata, anguste lanceolata, [illegible] integerrima, [illegible] ubique [illegible], [illegible] ad lucem punctis pellucidis referta, glabra, a duabus ad quinque uncias longa, trita terebinthinaceo; juniora villosula diuque rubra. Flores sessiles, densis aggregati circum extremitates ramulorum, ac spicam mentientes cylindricam terminalem & subcomosam, ultra quam denuo ramuli [illegible] elongantur, singuli suffulti bracteis lanceolatis acutis & caducis. Calycis foliola sunt subrotunda, concava, intus villosa, pallide virentia. Petala duplo majora, subrotunda, concava, albida. Filamenta numerosa, distincta, longissima uncialia, sanguinea. Germen ultimum, gabrum, viride. [illegible] medium dedit.

Crescit in nova Hollandia. Apud nos sub dio floret Julio, hiemem agens in tepidario. Tabula [illegible] ramum florentem.

407.

## HAEMANTHUS SANGUINEUS.

Haemanthus foliis ex oblongo ellipticis, glaberrimis, erectiusculis, umbella patula [illegible]

Bulbus ex oblongo ovatus, squamosus, compressulus, fere tres uncias longus, squamis carnosis, albidis, margine truncato & marcescente fuscis. Folia duo, ex oblongo elliptica, acutula, glaberrima, immaculata, coriacea, inferne canaliculata, cetterum plana, erecciuscula, decem uncias longa & tres lata. Scapus folio praecocior [illegible] folio, [illegible] crassior, glaber, declinatus, sanguineus, immaculatus, glaber, [illegible] Umbella multiflora, patula. Involucra foliola plus minus [illegible] lanceolata, acuta, fere festucacea, erecciuscula, tenuiter striata, sanguinea. Pedicelli [illegible], glabri, nonnullis ramentis distincti, exteriores patuli. Corollae tubus albus, brevissimus. Laciniae lineares, semuncinatae, canaliculatae, obtusae, ex sanguineo rubrae cum apice haliique albidis. Filamenta subulata, erecta, corolla longiora, rubra cum apicibus albis. Antherae flavae. Germen trisulcatum, viride. Stylus figura, longitudine & colore filamentorum. Stigma trifidum, patulum.

Crescit ad Promontorium bonae Spei. Floret Octobri. Siccantur tota planta foliosa, scapus florens, & flos.

## 408

### HAEMANTHUS AMARYLLOIDES

Haemanthus foliis fubenſiformibus, corolla hexapetala.

Totus glaber & immaculatus. Bulbus ovatus, non compreſſus, craſſe tunicatus, foris fuſcus, diametri bluncialis. Foua pauca, ſæpe duo, ſabenſiformia, ſuperne parte latiora, acutula, integerrima, obſolete ſtriatula, coriacea, erectiuſcula, [illegible] ta, poſt emarcidos flores demum prodeuntia. Scapus ante folia, compreſſulus, erectus, [illegible] acutus, ſtriatis, rubellis, erectis. Pedunculi unciales, erecti, cum interpoſit[illegible] [illegible] bentes flavæ. Germen inferum, ſubrotundum, triquetrum, ſexſulcatum. Stylus filiformis [illegible]

[illegible] Tubus [illegible] tum foliofum, & ſcapum floreutem

## 409.

### HAEMANTHUS DYALOCARPUS

[illegible]

Bulbus ovatus, ſquamoſus, compreſſus, juglande major, ſquamis diſtichis, cai[illegible] punctis maculisque fordide ſanguineis denſe adſperſus. Umbella multiflora, rotundata, [illegible] Involucri foliola plus minus ſeptena, elegantor rubra, eli[illegible] nitidiſſima, erectiuſcula, bunciali, latitudine valde inæqualia. Pedicelli compreſſi, breves, virides, radicitus rotundi, linearibus rubris brevibusque. [illegible] apice rotundato albo. Filamenta petalo paulo longiora, rubeſcentia, ſuperne alba [illegible] Bacca ſubrotunda, albida, ſemipellucida, glabra, cum pulpa glutinoſa aquea [illegible] unicum, fuſcum, glabrum, cum duo loculamenta cum ſeminibus ſua diſpa[illegible]

Creſcit ad Promontorium bonæ Spei. Floret Septembri. Fructeſcit Novembri. In tubum ſiſtunur tota planta fructeſcens, ſcapus florens, ſeorſim flos & ſemen.

## 410.

### HAEMANTHUS MOSCHATUS

[illegible]

[illegible]

## 411.

### [illegible] MANTICUS [illegible]

[illegible]

[illegible] Flores vix vicem [illegible] modori, involucro paulo longiores. Pedicelli [illegible] um, nullis tamentis interflincti. Corolla albida [illegible]

Crescit ad Promontorium bonae Spei. Floret Septembre. In tabula filiantur [illegible]

## 412

### [illegible] ANTHUS CRASSIPES.

[illegible]anthus foliis fuboblongis, obtufis, glabris, ad ora ciliatis, inferne fubtus punctatis; fpatha fubquinquevalvi; floribus erectis.

Bulbus nucis iugiandis magnitudine, ovatus, compofitus ex tunicis carnofis, crafs[illegible] nodofi, plurimi, pedicellati, colore & longitudine fpathæ. Spatha [illegible]

Crescit ad Promontorium bonæ Spei. Apud nos floret Septembri, & folia [illegible] mit Decembri. In tabula repræfentantur plantæ foliofæ poft floreftentiam, eadem [illegible] flos.

## 413

### ANTHERICUM CILIATUM

[illegible]

Crescit ad Promontorium bonæ Spei. Floret Aprili. Siccitur tota planta flore.

## 414

### ANTHERICUM DIVARICATUM

[illegible]

[illegible] erectus, glaber, calamum crassus, pedalis, deinde in ramos [illegible] & [illegible] ramosissimus, longiores pedales aliis. Bracteae ad divisiones fuscae [illegible] lanceolatae, minores. Flores racemosi, inodori [illegible] erecites, erecti, quadrilineares. Petala lanceolata, acutiuscula, tota rev[illegible] Anthe[illegible] Germen [illegible] Stigma longum. [illegible] Semina pauca [illegible]

Crescit ad Promontorium bonae Spei. Floret Martio & Aprili. Tabula dictit totam [illegible] cum unica folio [illegible] & [illegible]

## 415.

### ROSA TURBINATA

Rosa germinibus turbinatis, pedunculisque villosis; petiolis villosis, aculeis sparsis, re[illegible]

Rosa caule aculeis recurvis, foliis villosis, petiolis aculeatis, pedunculis bifidis, ca[illegible]

Rosa [illegible]

Caulis [illegible] plerumque [illegible] erectus, nonnunquam pedalis [illegible] Folia [illegible] petiolata, subovata, acuta, serrata, utrinque villosa, subtus collata rugosula & pallide vi[illegible] Pedunculus axillaris & terminalis [illegible] Germen turbinatum [illegible] Rosa [illegible] Anthera flava. Germen turbinatum [illegible] Fructus dare negat.

Crescit in Europa? Sub dio floret Junio. In tabula illustrat ramulus floreus.

## 416.

### ROSA PYRENAICA

Ro[illegible] petiolis bifidis aculeatis, calycibus omnibus villosis. [illegible]

Rosa bifida. *Kroch. files. [illegible]* §§.

Caulis frutescens quadripedalis, ramosissimus, inermis, teres, glaber, erectus. Rami glabri, inermes. Folia alterna, petiolata, pinnata, plerumque trijuga cum

[illegible]. Petioli hispidi. Foliola petiolis propriis brevissimis hispidisque suffulta, ex oblongo ovata, argute serrata, supra glabra, subtus ad ventem obiter hispidula, ad oras pilis brevibus capitatis rariisque ciliata, dentibus ipsis sepe serrulatis. Stipulæ peculiares, oblongæ argute serratæ, [illegible]. Pedunculus unifloris, terminales, bifidus patulus, in fructu fuscescentes. Calycis foliola quinque, lanceolata concava, in longam cuspidem abeuntia, integerrima, patentissima, petalis fere longiora, pilis capitatis ciliata, cæterum glabra. Petala quinque, subrotunda, rubra, ad unguem patriea. Germen ovatum, hispidulum. Fructus oblongus etiam ovatus glaber, coccineus pendulus.

Crescit in alpibus pyrenaicis, helveticis & silesiacis. Floret sub dio Maio. In tabula repræsentatur ramulus florens cum tribus scorsim fructibus maturis.

## 417

### CITHAREXYLUM MOLLE.

Citharexylum ramis tetragonis, foliis subovatis, serratis, villosis, mollibus carcinis erectis.

Frutex quinquepedalis, ramosus, erectus; trunco teretiusculo, glabro, cinereo; ramis quadrifariatis, obtuse tetragonis, ad ventem villosis. Folia opposita, breviter petiolata subovata, argute serrata, venosula mollique ad ventem villosula ad tactum mediocriter brevel [illegible]. Racemi terminales erecti, villosi, trinervis pedunculis brevissimis, suffulti bracteolis acutis & villosis. Perianthium quinquedentatum, villosum. Corolla alba. Stamina quatuor cum quinto minori. Et alia generis.

Patriam ignoro. In calidario floret Aprili & Maio. Similiter ramulus florens, dein aut a petanthium, petalum dilectum expallidumque, & pistillum.

## 418.

### ALOE OBLIQUA

Aloe subacaulis foliis linguæformibus, obtusis cum mucrone, integerrimis floribus [illegible], calycibus [illegible].

Aloe foliis obtusis cum acumine. *Mill. Icon. vol. pag. 469.*

Tota glabra. Primis ætatis annis caule caret, qui dein foliis inferioribus successive deciduis nonnum delect atque sic paulatim longior evadit in nostris quibusdam individuis pari bruncinis & duas diametro uncias æquans, circumarbum foliorum [illegible] inæqualis, ex iisdemque fibras radicales emittunt. Hic crassus in terram propellens fordide cinereus, simplex. Folia alterna, distichia, densissime imbricata, linguæformia, obtusa cum mucrone, integerrima, crassa, rigida, nitida, viridia cum maculis cinereis basibus sua totum caulem amplexantia, semipedalia. Scapus unus alterve, ex superioribus foliis axillaris, compressissimus, dimidium uncias latus, erectus, ut plurimum superne ramo duplice auctus ad flores teretiusculus, cripedalis. Racemi longissimi, floribus numerosissimis pendulis ornati hic ieque dulci liquore plenis. Bracteæ lanceolatæ, acutæ, membranaceæ. Pedicelli rubri. Corolla tubus ovatus, ruber, inflatus, incurvatur in faucem cylindricam ex viridi albidoque striatam, & ore dividitur in sex laciniulas semipatentes patulas & æquales. Filamenta sex, subulata, alba, receptaculo inserta, petalo paulo breviora. Germen oblongum. Stylus staminibus brevior.

[illegible] Capsula oblonga, obtusa, triangularis, uncialis, trilocularis, trivalvis, ex pedicello patentissimo erecta. Semina plura, oblonga, plana, nigra.

Crescit ad Promontorium bonæ Spei. Floret Aprili, Majo, Junio. Situm in abula [illegible] florentia [illegible] & folium.

## 419.

### ALOE PULCHRA

Aloe [illegible] foliis acuminatis, glabris, [illegible] floribus racemosis [illegible] curvis.

Tota glabra. Caulis proprie nullus, sed foliorum inferiorum lapsus per plures annos perfiliunt, & sic plantam successive attollunt. Folia non vere disticha, [illegible] [illegible] & [illegible] [illegible] Capsula oblonga, obtusa, triangularis, [illegible] [illegible]

[illegible] bonæ Spei. [illegible] & [illegible] [illegible] & [illegible]

## 420.

### ALOE HUMILIS

Aloe [illegible] foliis [illegible] [illegible]

[illegible] erecta, ex radice perenni fibraque crassa fibrata exoriuntur, crassa, pulposa, glauca, foris striata, facie lineata, ad oras & in utraque pagina spinis carnosis & [illegible] obtusa, cæterum glabra, antice plana, dorso convexiuscula, ex basi fere uncinos [illegible] [illegible] [illegible] glaber, [illegible] [illegible] [illegible]

[illegible] spatha propria [illegible] singula, fere fesciculatim [illegible]. Corolla diuretica, [illegible] pallida [illegible] media longitudinali virid. [illegible] apice patula [illegible] profunde [illegible] ut dari hexapetala pallide cum basi connata [illegible] tribus exterioribus [illegible] & singulis floribus [illegible] tribus interioribus [illegible] omnibus concavis. Filamenta receptaculo [illegible] [illegible] fabulata, declinata, albida, alterna parte [illegible] corollam aequantia. Antherae ovatae, albae [illegible] aurantiacae. Germen oblongum, [illegible] obtuso sexsulcatum. Stylus [illegible] & longitudine Filamenta. Stigma simplex, obtusum. Capsula oblonga, [illegible] gona, obtusa, erecta, [illegible] vacuolatis, & [illegible] [illegible] Semina plura nigra.

Crescit ad Promontorium bonae Spei. Floret apud nos in tepidario Martio & Aprili. Tabula exhibet totam plantam florentem [illegible] expansam cum duobus adhaerentibus flaminibus, pistillum, capsulam, semen, & folii [illegible] magnum [illegible] ambitum.

## 121.

### ALOE PUMILIO.

Aloë foliis trigonis, apice subulatis, cartilagineo dentatis: floribus subspicatis, brevissime pedunculatis patulis, apice hiantibus expansis.

Radice perennis digitum minimum crassa fibrosque crassis [illegible] [illegible] plumis, [illegible] dentatis [illegible], [illegible] apice subulatis, [illegible] [illegible] supra planiusculis, [illegible] [illegible] carnosa obtusa [illegible] & [illegible] cartilagineo dentatis [illegible] [illegible] [illegible]

[illegible]

cies longa, bali plus minus dimidium uncium lata, reservata. Scapus centralis, ramosus erectiusculus, debilis, teres, glaber, sesquipedalis, vix pennam columbinam crassus, inter [illegible] racemulatis. [illegible] Stamina receptaculo inserta, anteriora breviora, tubum corollæ non superantia. Germen oblongum, obtusum. Stylus crassus, brevis. Stigma capitatum.

Crescit ad Promontorium bonæ Spei. Floret Julio & Augusto. Tabula filii plantas Boerianas.

## 123.

### ALOE PLICATILIS.

Aloe [illegible] folia elongata, linguæformibus, ad oras cartilagineo-denticulata, dificha, floribus racemosis, pendulis.

Aloe fabacaulis, foliis linguæformibus, lævibus, dificha, floribus racemosis, pendulis, cylindricis. *Mill. Icon. vol. 1. pag. 470.*

[illegible]

[illegible]

Caulis arborescens, teres, aphyllus, dichotome ramosus, ex fusco cinereus, erectus, firmus, insidem carpum crassus, glaber, non cum ramis duos tresve pedes altus, nunquam nudus, sed acer & faucea pungens. Folia ad summitates ramorum plurima, amplexicaulia, decsie imbricata, alterna, dificha, pulposa, crassa, elongata linguæformia, obtusa cum mucrone, ad oras cartilagineo-denticulata & fra[illegible] [illegible] Scapus [illegible] ramosus erectum multiflorum breveque. Pedicelli vix semunciales, erectiusculi [illegible] ovato-teola sua singuli suffulti. Flores penduli cylindrici, fasciculatim, rubri, [illegible] Corolla exterior monopetala, tubulosa, tripartita, erecta; laciniis oblongis, obtusis, [illegible] Interior tripetala, apice patula, cæterum exteriori similis. Filamenta sex, [illegible] longitudine corollæ. Antheræ oblongæ, incumbentes, sulphureæ. Germen superum, oblongum, obsolete hexagonum. Stylus filiformis, longitudine flaminum. Stigma acutum. Fructum non tulit.

Crescit ad Promontorium bonæ Spei. Floret apud nos æstate. Tabula filii ramum [illegible] cum duobus [illegible] [illegible] glaucis.

## 124.

### MYRSINE RETUSA.

[illegible] obverse ovatis, obtusis, apice emarginato-denticulatis. *Mill. Icon. vol. [illegible]*

Tota glabra. Caulis fruticosus, teres, erectus, ramosus, diffusus, nigrescens, [illegible] pedes altus. [illegible]

tes. Folia alterna, conferta, numerosa, brevibus petiolis purpureis innixa, obverse ovata, obtusa, supra medium argute rigidoque denticulata, laxea, subtus pallida, maxima semuncialia. Pedunculi axillares, aggregati, unifori, rubropunctati, brevissimi. Perianthium monophyllum, quinquepartitum, persistens, rubrum, laciniis oblongis, obtusis, erectis. Corolla monopetala, semiquinquefida, subcampanulata, calyce duplo longior, albida, rubropunctata, laciniis oblongis obtusis, erectiusculis, ad oras ciliatis. Filamenta quinque subulata, brevia, corollae tubo ajunctim cuilibet laciniae affixa. Antherae oblongae, obtusae erectae magnae, paulo longiores. Germen superum, ovatum. Stylus brevis. Stigma capitatum. Bacca subrotunda, pisi magnitudine caerulea.

Crescit in insulis Azoricis. Floret junio. Fructus mense Octobri. Tabula exhibet racemum florentem, alium fructescentem & florem pistillumque auctum.

## 425.

### VITIS VULPINA.

Vitis foliis cordatis, dentato-serratis, utrinque nudis. *Linn. Syst. pag. 244. Wangenh. amer. pag. 73.*

Vitis vulpina dicta virginiana nigra. *Pluk. alm. pag. 391.*

Habitu congenerum est. Rami junioris teres fuscus, subfirmus villosi. Cirri oppositifolii, bifidi, villosuli. Stipulae ex lato basi acutae. Folia alterna, longe petiolata, cordata, subrotunda, acuta, subtriloba, argute dentata, velutina, supra, abstracta, subtus rugosa, omento brevi & pallide viridi obducta, longiora sesquipedalia, minora sitibus albos gracilissimos. Non rapax cui autores, sed ut usque adeo hac ut si quidem de eadem in Herbario est. Racemi compositi, ex pluribus minus unciales longi. Character Botrum, qui in congeneribus est. Fructus subrotundi, atroceruleo, in [illegible] uvae vulgaris. Pulpa decolor. Apices rigeati.

Crescit in America Septentrionali. Floret sub dio Maio & Junio. Fructus maturescunt Septembri. Sumuntur in tabula ramulus florens, racemus fructescens, folium, formam ultimus in dorso & nucula pilulium corollamque detractum.

## 426.

### VITIS LABRUSCA.

Vitis foliis cordatis, obtrilobis dentatis subtus tomentosis. *Linn. Syst. pag. 244. Hortus ulm. arbor. pag. 409. Du Roy harb. vol. 2. pag. 493. Wangenh. amer. pag. 72.*

Vitis silvestris virginiana. *Bauh. pin. pag. 299.*

Frutex ramosissimus, diffusus, duodecimpedalis & ultra, habitu congenerum. Rami junores teretes, striati, villosi, asperuli. Stipulae latae, acutae, parvae. Cirri bifidi, ad lentem villosi, oppositifolii. Folia cordata, subrotunda, subtriloba, acuminata, serrata, venosa, alterna, supra glabra, subtus rugosa tomentosa & canaa, majora semipedalia. Petioli tomentosuli. Racemi a duabus ad tres uncias longi, compositi. Flores congenerebus similes. Fructus globosi atropurpurei, mole uvae vulgaris, odore fortissimo aromatico, in quo multum de fragi est, praediti. Pulpa decolor, glutinosa, dulcis, vag quaeidam asperem habens, amen valde ingrata. Omnia tum nomenclatum Linnaei synonymum, ex fructus discriminis

Crescit in America Septentrionali. Apud nos sub dio floret Maio & Junio. Fructescens Septembri. Tabula exhibet ramulum florentem, racemum fructescentem, semen & auctum pistillum cum staminibus post corollam decidiam, caniciemque sic delapsam.

## 427

### VITIS INCISA

Vitis foliis cordatis, subtrilobis, glabris incisio-serratis, dentibus acuminatis, lobis calycinis.

Hanc Vitis ante quadraginta annis hortis horti, credita ex America Septentrionali, aetate [illegible] & luxuriose vegetans, florens quotannis. Eo accedum illo fructus secundo. Habitu congenerum, & ita glabra praeter venas dorsales pr[illegible] ad [illegible] viridulus. Rami teretes, minores nitidi. Cirri longi, bifidi, [illegible] oppositifolii. Stipulae ex ala [illegible] nasciae. Folia alterna, longe petiolata, cordata, inaequaliter lobulata, incisio-serrata, venosa, dentibus acuminatis, lobis calycinis, longiora semipedalia. Racemi compositi, [illegible]. Flores congeneres.

Crescit in America Septentrionali? Floret sub dio Maio & Junio. Tabula exhibet ramum florentem & auctum pistillum corollamque decidiam.

## 428.

### VITIS ARBOREA

Vitis foliis supradecompositis: foliolis lateralibus pinnatis. *[illegible] pag. 244. Hortus [illegible] pag. [illegible]*

Vitis caroliniana, folio ap[illegible], uva corymbosa pu[illegible] ascende. *[illegible] vol. 3. pag. 36 [illegible] 4.*

Frutex [illegible], petiolatis, foliis, virgulis [illegible], [illegible] dumosus. *Plant. [illegible] 2. 86 [illegible] 2.*

Habitu congeneribus. Frondens ramosissima, diffusa, glabra, decompositis & aliter. Folia alterna, petiolata, decompositis plurimique ex folio terminali bifurcato & laterali praeter [illegible] [illegible] oppositis, foliolis petiolatis omnibus ovatis, acutis, dentatis, dimidiatis plurimis, [illegible] oppositifolia, ramosi laxi, foliorum longitudine, in excursibus [illegible] florentes, [illegible] generales. Flores ex flavo rubentes. Antherae didymae, luteae. Quamquam [illegible] apud nos sub dio crescat, frutex tamen hucusque nullum dedit.

Crescit in Virginia & Carolina. Floret apud nos Julio. In tabula exhibentur ramulus florens & auctus flos.

## 429.

### AMARYLLIS VARIABILIS.

Amaryllis corollis campanulatis, aequalibus, interne longe tubulosis & incurvis, [illegible] nervis [illegible], acutis, planis, genitalibus declinatis.

Bulbus ovatus, [illegible] magni mole, tunicis [illegible] cinctus, foliis in [illegible] plerumque & floribus cum illis [illegible] successive plusculos. Sua sunt integerrima, contrariae vel [illegible]

flaccida, bipedalia & ultra, acuta, exteriora infernè duas uncias lata, interiora angustissima & erecta. Scapus compressus, erectus, sesquipedalis, basi digitum crassus. Spatha bivalvis, ovata, striata, erecta, sesquipedalis. Flores umbellati, fere successive diversi, suaveolentes, patentes, breviter pedicellati, ramentis interstincti. Corolla monopetala, campanulata. Tubus trigonus, cylindricus, incurvulus, nitidus, virescens, sesquipedalis. Limbus sexpartitus, fere trunciatus, infernè infundibuliformis, supernè patens, primo exsiccatus dein albissimus, etiam medio inferiora dorso cubito altero totus rubescens, tertio intus & foris totus aequaliter saturate purpureus. Stamina sexpartitis laciniis lanceolatis, acutis, planis, tribus exterioribus angustioribus & apice subbamatis. Genitalia decumbunt petalis exteriori. Germen oblongum, antidum. Stigma trifidum, obtusiusculum. Capsulae obtusiusculae, magnae, trilocularis, trivalvis. Semina [illegible]. Tota planta glabra est.

Crescit ad Promontorium bonae Spei. Floret Augusto & Septembri. Tabula lilial. exhibet florentem, capsulam, semen, partem mediam folii exterioris & longitudinem [illegible] floris.

## 430.

### CRASSULA LACTEA.

Crassula caule fruticoso, foliis ovatis, basi alternatis, connatis, integerrimis, intra marginem punctatis, cymis paniculatoramosis. *Mill. icon. col. pag. 356. Herbar. faccid. fol. 39.*

Crassula foliis obovatis, subcilliatis, albo punctatis, paniculis trifidis. *Thun. in prodr. pag. 56.*

Caulis fruticosus, glaber, erectus, digitum crassus, erectiusculus, ubi adhuc tenuis, crassis & deciduis obtectus. Folia oppositis, connata, obovata, acuta, integerrima, crassa, carnosa, ad ramulorum apicem in fasciculum congesta, punctata, glabra, glauca, subciliata. Pedunculi terminales, erecti, aequalitor ac ex ramulis oriundi, compositi ex ramulis oppositis, apice cymosis, bifurcatis, ad divisiones bractiatis. Pedunculi propriis seminibus tales. Calyx acutus, persistens, [illegible] coalitus, acutus, parvus, [illegible]. Filamenta hypogynia corollae, alba cum aliquantulum flava. Nectaria [illegible] monophylla.

Crescit ad Promontorium bonae Spei. Floret in septembri Decembri & Januario. Tabula exhibet ramum florentem.

## 431.

### CRASSULA CORDATA.

Crassula caule fruticoso, foliis petiolatis, cordatis, obtusis, integerrimis, cymis paniculaeformibus. *Mill. hort. col. 1. pag. 356.*

Crassula foliis petiolatis, cordatis, floribus solitariis. *Thunb. prodr. pag. 5.*

Crassula foliis petiolatis, cordatis, caule tetragono, floribus caulinalibus, solitariis, pedunculatis. *Linn. suppl. pag. 189.*

Tota est glabra, glauca & fragilis. Caules plures, fruticosi, erecti, carnosi, infernè digitum crassi, ramosi, diffusi, debiles, hinc parum decumbentes, hinc [illegible] ramuli, bipedales. Folia opposita, breviter petiolata, ex fundamento connata, integerrima, obtusiusculo-acuta, crassa, carnosa, facie nec dorso punctata, utroque [illegible]

[illegible] majora nociata, pleraque duplo breviora. Pedunculi communes primarii longi [illegible] lateralis oppositi patentissimi, ultimi uniflori, nutantes. Omnibus divisionibus foliola subjiciuntur minora, tandem minutissima, bractearum sub forma. Flores penduli, [illegible] calyce duplo longiora. Genitalia generis, sed squamulas nectarii non reperio.

Crescit ad Promontorium bonæ Spei. Floret in tepidario totam æstatem. Sibi tabula ramum florentem, auctosque florum consiventem eundemque expansion.

## 432.

### CRASSULA PERFOSSA

Crassula caule fruticoso decumbente, foliis cordatis, perfoliatis, acuminatis, planis [illegible]
Caulis [illegible]
Crassula [illegible]

Tota glabra. Caulis fruticosus, ramosus, debilissimus, hinc fere totus decumbens, teres, totus quantus densissime foliosus, purpurascens, bipedalis & ultra, basi tandem lignosus & calamo crassior. Folia cordata, totis basibus connata, hinc perfoliata, acuta, integerrima, carnosa, crassa, fragilia, utrinque gibbosiuscula vel magis plana, glauca cum margine sæpe purpureo, facie versus apicem & ad marginem punctata, pa[illegible] per plures dichotomias cum floribus medius subdivisi. Flo[illegible]

[illegible] ad Promontorium bonæ Spei. Floret in tepidario Augusto & Septembri. Tabula sibi ramum florentem & auctum florem.

## 433

### CRASSULA DEJECTA

Crassula caule fruticoso ramisque dejectis; foliis oblongis, planis, cartilagineo-ciliatis, basi connato-vaginantibus, cymis terminali, composita.

Caulis fruticosus, carnosus, ex fusco cinereus, teres, glaber, ramosissimus, a foliis præteritis leviter cicatrisatus, basi fere pollicem crassus, si extenderetur, tripedalis; ramis diffusis dissortis & dissectis, foliis junioribus erectis, senioribus radicantibus; junioribus viridibus, villosulis, fragilibus fereque calamum crassis. Folia cruciata, [illegible] acuta, [illegible] & quatuor vel quinque lineas lata, patentissima, adultiora subreflexa. Ramuli [illegible] bifidi & [illegible] singuli in cymam fructiferumque final cyma [illegible] erecta, glabra, viridia. Petala alba, oblonga, acuta, calyce duplo longiora.

inferne erecta, superne reflexo-patentissima. Filamenta & pistillum albent. Antherae purpureae. Stigmata obtusissima. Glandulae nectariferae utrae

Crescit ad Promontorium bonae Spei. Apud nos floret in tepidario a Julio ad Septembrem. In tabula sistitur ramus floreus cum ramulo junioris.

## 434.

**CRASSULA ODORATISSIMA.** *Andrews repos. vol. 1. tab. 56*

Crassula caule suffruticoso; foliis lanceolatis, connato-vaginantibus, ad oras cartilagineo-denticulatis floribus fasciculatis.

Caulis suffruticosus, teres, plus minus sesquipedalis, inferne ramos emittens simplices, calamum & ultra crassos, totos foliosos & glabros. Folia sunt opposita, con- [illegible] foliorum bipollicaria & ad bilin quinque lineas lata. Flores fasciculati, terminales, erecti, [illegible] odoratissimi. Calycis semunciales foliola lanceolata, acuta, erecta, concava, ad oras ciliata adinstar foliorum. Petalorum ungues erecti, rubelli, calyce longiores, approximati incumbunt tubum. Laminae lanceolatae, acutae, patentissimae, albae. [illegible]

Crescit ad Promontorium bonae Spei. Floret apud nos Junio. Tabula exhibet ramum floriferum.

## 435

**COTYLEDON VERRUCOSA**

Cotyledon [illegible] foliis [illegible], quadrifidis calycinis villosis

Verrucosa crenata. *Andrews repos. vol. 1. tab. 41*

Plantae ipsae tres quatuorve ex Promontorio bonae Spei ab egregio hortulano Cr[illegible] adhuc fuerant [illegible] nunc ex caule unico toto foliioso & simplice constantes [illegible] pedem dare ad mediam usque aestatem. Dein ramos emiserunt, caulesque novos ex eadem radice ad latus, eo usque erecti, sed pondere nunc ramorum, nisi [illegible] dejecti, & sub corpulentem axillis, ubi terrae ignique stagnarunt, fasciculatim [illegible] bri, imprimis adulti. Hi a foliis tandem delapsis cicatricibus notantur. Sunt fruticuli, teretes, bali digitum crassi, tandem tres quatuorve pedes longi. Folia fu[illegible], reflexa, ex glauco virentia, approximata, majora fere sesquipedalia, glabra; summa lanceolata, integerrima, diffusa. Pedunculi communes erecti, elongati, inferne dichotomi, terminales terni, axillares ex summis foliis oppositi & foliatii. [illegible] albulus, calyce fere duplo longior. Limbus quadrifidus [illegible]

5

[illegible] utriusque semper flores, tubo duplo brevioribus. Stamina octo. Nectar [illegible]

[illegible]

## 436.

### MESEMBRYANTHEMUM ELEGANS.

[illegible] Folia distincta, semiteretibus [illegible]

Totum glabrum. Caulis fruticosus, ramosissimus diffusus [illegible]

[illegible]

## 437.

### MESEMBRYANTHEMUM ECHINATUM.

[illegible]

[illegible] diffusus, foliis [illegible] semiteretis, oblonga, pulposa, obtusa, carinata [illegible] Flores [illegible] Calycis quinquefidi foliola [illegible]

[illegible]

## 438.

### MESEMBRYANTHEMUM GLADIATUM

Mesembryanthemum foliis acinaciformibus, semipunctatis, subconatis, angulo carinato scabris, petalis linearibus.

Mesembryanthemum acinaciforme. *Redout. succul. fol. 89.*

Caulis fruticosus ramosissimus modo erectus, modo dejectus, diu sine ad[illegible] culo se non sustentans, tandem quadripedalis, glaber, cinnamomi & ultra crassus, senior [illegible] per germen decurrunt ad usque pedunculum, ut unicum hunc a[illegible] fa [illegible] quinque. Folia distincta dici debent, nam avelli possunt singula absque lace[illegible] rent. Angis & vere connata sunt in Mesembryanthemo acinaciforme, in quo praeterea folia in extremitatem rotunditatem utrinque desinunt, in gladiato contra in angustiatam [illegible]

Crescit ad Promontorium bonae Spei. Floret aestate. In tabula pictur [illegible]

## 439.

### MESEMBRYANTHEMUM GLAUCUM

[illegible]

Mesembryanthemum [illegible] flore [illegible]

Ficoides africa, caule lignoso erecto, folio triangulari ensiformi scabro, flore [illegible] *Herm. [illegible]*

Ficoides seu Ficus aizoides africana minor erecta, folio triangu[illegible] *Herm. [illegible]*

[illegible] glaber, totus ramosus [illegible] adultus teretis, ad folia deperdita nodulosus, & cinc[illegible] [illegible]

[illegible]

Crescit ad Promontorium bonæ Spei. Floret apud nos Junio & Julio. Siliquæ [illegible] tabula ramus floriferus cum aucta folii parte.

## 440

### MESEMBRYANTHEMUM TRICOLOR

Mesembryanthemum forficatum horti Vindobonensis varietas?

Caulis fruticosus [illegible] adultus cinereus & culmo crassior, antea ferrugineus, debilis. Rami juniores virides & uncipitea. Folia opposita [illegible] argute trigona [illegible] undique ad lentem punctata [illegible] & [illegible] re forti præditi, in quo percipitur aliquid de fœtore florum Celastri africani. Calycis [illegible] albi aliquæ simpliciter, aut cum fulvida flavedine vel rubedine, ut in ejusdem plantæ floribus [illegible] sæpe colores conjunguntur. Antheræ pallidæ. Germen discoideum, nitidum, viride. [illegible]

[illegible] ad Promontorium bonæ Spei. Floret apud nos Majo & Junio. Tabula 64 [illegible] florentem ostendit.

## 441

### MESEMBRYANTHEMUM SPECTABILE.

[illegible]

Mesembryanthemum folia perfoliata longissima, [illegible] punctata [illegible] angulo, adhæsione [illegible]

Totum glaucum. Caulis fruticosus, adscendens, teres, lignosus, fuscus, ramosus, ætate diffusus. Folia opposita, conjuncta magis minusve, triquetra, ad lentem undique punctata, glauca, apiculata, mucronata, arcuata, uncialia. Pedunculi [illegible] acuto, crassi, glauci cum margine rufo. Petala numerosa, linearia, integerrima, obtusa, nitida, patentissima, uncialia, tota purpurea, subtus pallidius. Antheræ flavæ. [illegible]

[illegible] ad Promontorium bonæ Spei. Apud nos floret Aprili & Majo. In tabula repræsentatur tota planta [illegible], radice excepta.

## 442

### MESEMBRYANTHEMUM FARINOSUM PUNICEUM

Mesembryanthemum folius semiteretibus, punctatis, diffunctis, glabris, internodio brevissimo, floribus longe pedunculatis.

Caulis fruticosus, ramosissimus, diffusus, teres, tripedalis, debilis. Rami fuscescentes, nitidi. Folia opposita, diffuncta, ad lentem punctata, glauca, semiteretia,

glabra, uncialia, strutula. Pedunculi unifori, elongati, erecti, fuscescentes, nitidi, terminales, omnino numerosissimi. Calycis pentaphylli foliola lanceolata, acuta. Petala linearia, calyce duplo longiora, obtusa, subcoriacea, nitidissima, saturatissime purpurea sive puniceo. Styli quinque.

Crescit ad Promontorium bonæ Spei. Floret Majo & Junio. Sistitur ramus florens.

## 443.

### BANISTERIA ANGULOSA.

Banisteria foliis lanceolato-angulosis. *Linn. syst. pag.* 426. *Corom. diff. 4. pag.* 496. *tab.* 254.
Acer scandens folio angulosio. *Plum. gen. pag.* 8.
Clematis angulosio folio, aceris fructu. *Plum. icon. p. 110. tab. 98.*

Radix constat ex tuberibus pluscolis, subrotundis, subcornoliis, foris albidis aut cinereis, juglandis vel & pugni minoris voluminis. Caules frutcosi, teretes, calamum crassi, ramosi, volubiles, decempedales & ultra, fusci, tam tenaces, ut ægre strumpi queant, glabri. Folia sunt opposita, petiolata, venosa, supra glabriuscula, subtus pubescentia. Infi cordata, angulata quinque ubi, solus obtusiores, obtusis cum exigua mucrone. Si folia infim. & terminis adnumeraverimus, sunt, erunt forte septemnoba. Petioli teretes, subpubescentes, foliis breviores, infra ipsam paginam in utroque latere gerunt glandulam subrotundam & depressam. Rami juniores & omnes pedunculi etiam pubescunt. Pedunculi communes axillares, sæpe oppositi, tres plus minus uncias longi. Partiales umbellati, plures, unifori, uncinales, circa medium duobus bracteis minutis vestiti. Flores modici, diametri unciialis. Glandulæ ad calycem octo, oblongæ, plan[illegible] [illegible] Calyx [illegible] concavus ad ortus [illegible] Corolla. Intuta. Stili glabri. Stigmata tot [illegible]. Flores indi[illegible] diuæ plantæ jam per plurimos annos cum in horto Schœnbrunnensi, tum in Vindobonensi botanico in calidario vegetant, quarum unica in illo horto, & quidem unica ex ramulo, anno 1780 flores dedit. Quæ quidem inflorescentia a Plumeriana nec non a Cavanilleiana haud parum differt.

Crescit in insula Domingo & in Venezuela. Floruit apud nos Julio. Sistuntur in tabula caulis pars cum ramulo florente, & auctus calyx cum pistillo, & pistillum solum.

## 444.

### ARCTOTIS PANNOSA.

Arctotis corollulis radiantibus fertilibus, acaulis, foliis lyratis, utrinque tomentosis, [illegible] planis.

Radix perennis, fusca, pollicem crassa. Caulis nullus. Folia radicalia, plurima, lyrata, ferrato-denticulata, utrinque tomentosa, crassa & ad tactum pannum [illegible] mentientia, lobus ultimus, trinervis, petiolata, plana, in orbem procumbentia, plus minus tripedalia, lobus obtusis, lateralibus oblongis, extimo ovato & maximo. Alia loba intermiscentur parva, lanceolata, ferrata, & indivisa. Scapi plures, unifori, [illegible] longitudine folorum, erectiusculi, teretes, lanati, basi fere calamum crassi, aut [illegible] bracteis [illegible] minutis. Flores fere tres uncias [illegible] [illegible] pulchrissimi. Calycis laciniæ [illegible] extrorsum [illegible] [illegible]

[illegible] fibrotundam concavam & hyalinam terminantur. Coro[illegible]

Corollulae disci hermaphroditae fertiles ob figura deficiens, pallidae [illegible]

[illegible] ad Promontorium bonae Spei. Apud nos floret Junio. Siliquae tota planta [illegible]

## 445.

### MUSA ROSACEA.

Musa spadice nutante; spathis ovatis, rotunda[illegible]

Peregrius Franciscus Boos [illegible] in insula Mauritii cultam invenit, in Europam attulit [illegible] dixi alteram a fructibus maculatis *maculatam*. Co[illegible] ripedalia cum lamina quatuordecimuncialis, petiolo [illegible] nos flore beavant. Flores flavo mellico fontent. In fertilibus p[illegible] flavum, hyalinum, basi intra superius positum. Fi[illegible] ba. parietibus filamentorum interioribus a medio ad apicem adnata. Ste[illegible]

## 446.

### MUSA MACULATA

**Mola spadice nutante, spathis lanceolatis, acutis, foliis basi angustatis**

Habitat congenerum. Caudex teres, erectus, octopedalis, diametri bimetralis. Folia petiolata, oblonga, obtusa, basi nec cordata nec obtusa sed in acumen successive angustata, integerrima, glabra, fibris transversis & parallelis notata, subtus g[illegible] [illegible] cum dimidio p[illegible] longa & [illegible] septem dumtaxat [illegible], petiolo innixa semipedali, digitum crasso, cum nervo medio antice canaliculato. Spadix [illegible]. Spathae [illegible] [illegible] Petalum [illegible] Stamina [illegible] [illegible] Germen [illegible] [illegible] Musae [illegible] [illegible]

Crescit in India Orientali? Tabula fibit spadicem florentem, fructum maturum, & folia ovata.

## 447.

### POLYPODIUM ARGENTATUM

**Pinnis [illegible] oblongis [illegible] fructificationibus singulis [illegible] fructificatione donatis.**

[illegible] cuticulae [illegible] [illegible] oblongae fere omnes in [illegible] [illegible] [illegible]

[illegible] spatas [illegible] [illegible] [illegible]

Crescit ad Promontorium bonæ Spei. Floret in caldario [illegible] Decembri. Tabula illustrat totam plantam floreutem [illegible] genitalia, flamma folia [illegible]

## 451.

### ORCHIS SPECIOSA

Orchis bulbis indivisis, scapo foliloso, foliis latis, ovatis, labello quinquepartito, laci [illegible]

Tota glabra. Bulbi geminii, teretes, oblongi, obtusi, digitum crassi, fusci, [illegible] cioles, perpendiculares, crassis fibris comati. Scapus teres, erectus, totus foliosus, [illegible] glia germina aucta aderant, sic fructus truncare non fuit ausus, cum ferme dimetaxat fo rum, quantumvis scapum produxerit quotannis. Folia omnia alterna, vere caule [illegible] bali vaginantia, supra vaginam amplexicaulia, cordato-ovata, integerrima, acuta, si [illegible] retente, patentissima, utrinque virentia, dorso pallidius, majora semipedalia [illegible] ex nodo scapi proprio quatibet orta, pallida cum striis virentibus, infima apud nos successive marcescentia ante florescentiam. Spatha ad singulos flores ovata, acuminata, integerrima, conniventa, fissilis, erecta, viridis, venosula & nervosa ad [illegible] Germen subpedicellatum, oblongum, contortum, acute trigonum, lateralibus latiori [illegible] erectum acutumque conniventi, reliqua duo longa & plana horizontaliter patent. Cucullus petalum intermedium cucullatum est ipsum, latum, & dorso striis tribus elevatis [illegible] lateralia duo sunt subulata, angusta, & intermedii ora sic accumbentia, ut [illegible] serventur. Alia duo petala sunt alaformia, magna, acuta, subtus striata, expansa, in interiori margine dente excisa, ceterum integerrima. Nectarii cor [illegible] pressum, pendulum, obtusum, viride, carum, fere fescumerale, pennæ columbinæ crassitie, superne in appendicem teretem erectam albidam hinique dorsali apottam defluens. Labium superius duplex, anterius & posterius; hoc parvum est, erect [illegible] obtusum, viride, latens in furtive petali cucullo, cucullatum ipsum, illud, a priori [illegible] finetum, quocum cum basi producta solummodo coiuveret, est subrotundum, [illegible] ex basi labii posici. Nectarii labellum est quinquepartitum, cujus laciniæ duæ laterales extimæ sunt cuneiformes, falcatæ, acutæ, patentissimæ, planæ, ad medium [illegible] supra medium ex flavo virentes. Laciniæ quinta media ex disco oblongo & fere fen [illegible] Filamenta duo, capillaria, albida, debilissima, orta ex apice cornuum labii poste rioris, hinc trans horum capitem occulte descendentia, pergentia sic ad usque idem la bium superius posticum, ubi insudantur, ibidem denuo adscendentia. Antheræ flavæ longæ, erectæ. Stylus nullus. Stigma humidum ipse labii superioris postici nectarii, ut

[illegible] horti botanici hortorum horti Spei. In calidario apud nos floret a Martio ad [illegible] tabula filiat [illegible] florentem cum antera [illegible] dum [illegible] Ad [illegible] Ad [illegible] & [illegible] [illegible] ex [illegible] [illegible] [illegible]

[illegible] demittere & racemulos & folia omnia. Atque hoc fere jam per plures annos tam in horto Schœnbrunnensi quam in Botanico Vindobonensi evenit. In ultimo vigoris flodio figuram hanc fieri curavi. Possideo duo exemplaria ex America torrida, optime conservata. Herbaque omnia, quorum ad [illegible] folia sterilia flores gerit, sed in hoc utroque amplia panicula est loco minimi racemi. Unum ex his antheriferum proponam in Fragmentis meis Botanicis tabula 45, quod colorate potui ad Hirpes [illegible] folia [illegible] longe petiolata, [illegible] lanceolata, [illegible] serrata, [illegible] [illegible] folia sterilia [illegible] ad [illegible] holoserica, ad marginem pube densissima & brevissima ad lentem ciliata, quod in [illegible] non potuit, majora octo uncias longa & sex lata, alia superne trilobo, atque magis [illegible], alia iterum fere ulla incisione integra. Bracteæ ad racemos & [illegible] & [illegible] flores [illegible] aut breviter pedicellati, subaggregati [illegible] [illegible] gaudent sequenti

*Flos vel Hermaphroditus fertilis.*

Cal: Perianthium pentaphyllum, inferum; foliolis linearibus lanceolatis, acutulis, totis pilosis.

Cor: Petala quinque, subrotunda, obtusa, reflexa, calyce multo breviora, ex corpusculis [illegible] communibus [illegible]

Stam: Filamenta plurima, subulata, erecta, quædam petala, ex disco proprio una cum germine [illegible] ad unam [illegible] breviora. Antheræ oblongæ, erectæ.

Pist: Germen [illegible] ovatum, villosum, [illegible]. Stylus [illegible], sulcatulus, erectus, filamentis longior. Stigma potens, quinquefidum vel quadrifidum, acutum.

Cal: [illegible] & [illegible] viridis. Petala & filamenta albicant. Antheræ flavescunt. Fuere arbores ex Caracas fuerunt huc adlatæ. Reliquæ ex feminineis flos titulo ex Hispania accepi.

Crescit in America torrida. In tabula illius ramus femineus florens. Racemi masculini racemulus lateralis. Dein ante hinc floris feminei calyx pentaphyllus ex [illegible] [illegible] petala & filamenta cum germine in [illegible] proprio continuum [illegible]. Inde flos masculus, filamenta & pistillum.

## 454.

### MALSONIA PUSTULATA

Malsonia foliis subrotundis, facie pustulatis. *Lacq. coll. [illegible]*

Cum di plurabus hac Malsonia [illegible], hujus descriptionem datam denuo [illegible] ad [illegible] Folia subrotundus [illegible] flores [illegible] magnitudine [illegible] radicalia duo [illegible] [illegible] & [illegible] [illegible] ex [illegible]

purpurascens, terminatus capitulo florum denso & diametri fere uncialis. Bracteæ ad

nunc agerem cum Narcissis, Pancratiis affinibusque. Character igitur genericus sit se-

Pist. Germen superum, oblongum, triquetrum. Stylus subulatus, erectus, lon-

## 455.

### MASSONIA LATIFOLIA.

Massonia foliis orbiculatis, glabris. *Linn. syst. pag. 313.*
Massonia foliis rotundato-ovatis, glabris. *Thunb. diss. nov. gen. pag. 40.*
Massonia foliis subrotundis, patentibus; laciniis corollæ patulis. *Ait. Kew. v. 1. 405. tab. 3.*
Massonia depressa. *Houtt. nat. hist. ix. pag. 404. tab. 85. fig. 3.*

Tota glabra. Bulbus subrotundus, fere juglandis magnitudine, fuscus. Folia

Massonia pubescente, sed corollæ tubus obtuse triangularis, hyalinus, limbi laciniæ longitudine tubi, coronula faucis, stylus, & filamenta rubra.

Crescit ad Promontorium bonæ Spei. Apud nos in tepidario floret hiemse. Tubula filii totam plantam forceteu, florem solitarium, & pistillum cum pedunculo

## 456.

### MASSONIA LANCEAEFOLIA.

Massonia foliis lanceolatis acuminatis.

Tota glabra. Bulbus subrotundus, fuscus, fesquuncialis diametri. Folia duo, lanceolata, acuminata, opposita, integerrima, inerma, carnosula, de umbecula plana, ab octo ad decem uncias longa & fere quatuor lata. Scapus centralis, bruncialis, [illegible] capitulo florum erectorum denso & [illegible] Lanuginosus, [illegible], carnosus, elevatus, obtuse [illegible] albi, fulvulti singuli bractea lanceolata, acuminata, valde [illegible], [illegible] longitudine floris, exterioribus latioribus. Flores characterem gaudent eosdem quo [illegible] pulchellata, ut [illegible] Corollæ tubus obtuse [illegible], [illegible] crassiusculus, tam pellucidus, ut germen viride transparet, ipse [illegible] Limbus [illegible] longitudine tubi. Corolla [illegible] Filamenta fauci corollæ imposita, nec per tubum decurrentia, tota rubra. Germen longitudine tubi corollæ. Stylus ruber, flaminibus ad unam tertiam longior. Stigma obtusum.

Crescit ad Promontorium bonæ Spei. Floret apud nos in tepidario hieme. Situatur tota planta; flos solitarius, & gemina.

## 457.

### MASSONIA LONGIFOLIA.

Massonia foliis lanceolato oblongis, acuminatis.

Tota glabra ell. Bulbus ovatus, fuscus, avellana major. Folia duo, opposita, lanceolato-oblonga obtusa cum acumine integerrimo, basi canaliculata [illegible] carnosula [illegible] ad decem [illegible] longa, quatuor lata. Scapus centralis [illegible] uncialis, [illegible] solidus, semiuncialis in capitulum florum [illegible] diametro bimaria [illegible] Tomentosi [illegible] albi [illegible] bractea lanceolata acuminata valde [illegible] longitudine [illegible] Flores cum Massonia pulchellata conveniunt. Corollæ tubus aferme obsolete triquetrus & subinvolutus, supra medium [illegible] & crassius, albus cum faucis coronula etiam alba vel leviter purpurascens. Filamenta alba vel pallide virentia. Et reliqua ut in dicta pulchellata.

Crescit ad Promontorium bonæ Spei. Floret in tepidario apud nos hieme. In tabula situatur planta floscens integra, flos solitarius, & gemina.

## 458.

### MASSONIA OBOVATA.

Massonia foliis obverse ovatis, obtusis cum acumine.

Tota glabra. Bulbus ovatus, fuscus, avellana nuce paulo major. Folia duo opposita, de umbecula obverse ovata, obtusa cum [illegible], basi angusta & [illegible] integerrima, [illegible] plus minus centrali [illegible] longa, ultra [illegible] cum [illegible] latum. Scapus [illegible]

[illegible] purpurascens. Flores capitati, plus minus decem [illegible]. Pedunculus unifloro, equali, carnosi, albi, obsolete triquetri, [illegible] singuli bractea e [illegible] lanceolatae, acuminatae, valde concavae, viridi, longitudine tubi corollae, exterioribus majoribus. Corolla alba cum faucis coronula flavescente, tubo longitudine tubi. Corona ex viridi flavescit. Filamenta per [illegible] non decurrunt. Reliqua ad normam Massoniae pulchrae.

Crescit ad Promontorium bonae Spei. Floret hiemes in capitulis. Figura exhibet totius plantae florentis, flora solitaria & pulchra.

## 459.

### MASSONIA CORDATA.

Massonia foliis ex subrotundo cordatis, scapis.

Tota glabra. Folia duo, opposita, subrotundo-cordata, [illegible] nitidaque nitida, subtus carnosula, [illegible], [illegible] longa quinque [illegible] supra saturate virentia & subpeltata [illegible]. Scapus ex flavo viridis. [illegible] florum dense [illegible] [illegible] duas [illegible] [illegible] [illegible]. Flores albidi, capitate [illegible] flores. Corolla [illegible] rubra. Filamenta albescentia, inferne [illegible]. Germen oblongum, trigonum. Stilus filamentis [illegible]. Et alia ad characterem Massoniae pulchrae.

Crescit ad Promontorium bonae Spei. In capitulis florent hieme. Siliquantur in tubum plantae florentis. Flos solitarius & pulchrum cum pedunculo.

## 460.

### MASSONIA CORONATA.

Massonia foliis ovato-subrotundis, obtusis, geminis, figuratis coronatis.

Tota glabra. Folia subrotundo-[illegible] [illegible] [illegible] [

## 461

MASSON A SANG. NEA

Folia duo, oppolita, decumbentia, ex fubrot

pus ecaliata, [illegible] lanea capitatos pe

protia alba, laciniis acutis. Corollula lucea, [illegible]

fexfulcatum. Reliqua ut in Maffonia pululata

## 462

VON A COLUMELLA

Crescit in insula Borbonia. In caldario floret a Decembri ad Aprilem. Sitit

[illegible] fructescens, [illegible]

463

## [illegible]SCUS RADIATUS

[illegible]

ferratis, caule petiolis pedunculis calycibusque aculeatis; calycibus [illegible] fubdecaphyllis. *Willden. fpec. vol. 3. pag. 804.*

Hibiscus caule fructescente, viridi, aculeato, foliis palmatis, digitationibus lanceolatis dentatis; floribus brevius pedunculatis. *Cavan. diff. 3. pag. 150. tab. 54. fig. 1.*

[illegible]

tificatibus. Interior monophyllus, perfistens, ultra medietatem quinquefidus [illegible]

[illegible] In [illegible] primo vere, floret Augusto & Septembri, fructumque fert maturum, Januario orta [illegible] Januario & Februario, ac dein fine floctu perit. In tabula exhibentur [illegible]

464

## SIDA CORDATUM GLUTINOSUM

[illegible]

crassos, glutinosos, foliosos, debiles, superne in paniculam abeuntes amplam atque ex pedunculis subdivisis & patentissimis. Folia spatha, cuneiformia, obtusa cum [illegible] ciliata, ciliis subadpressis. Calyx glutinosus, circiter decemdentatus, viridis. Petala [illegible] Germina [illegible] quod petala. [illegible]

Crescit in Madera. Floret apud nos sub dio Junio & Julio, in tepidario hiemem [illegible]

## 465.

### ESTROBMERIA CARYOPHYLLEA

[illegible]eria caule erecto, foliis spatha-formibus, sessilibus, appressis, in caule floribus [illegible] exter involucri squamis [illegible] lanceolatis, petiolatis & sparsis; corollis bilabiatis

[illegible] gnum, [illegible] breviora [illegible] [illegible] [illegible]

ERYTHRINA VELUTINA

[illegible]

[illegible] effiate. Tabula exhibet ramulum floren-

[illegible]

467

[illegible] SIA AFR.

[illegible]

ERUM LACERUM

T Caulis teres, articulatus, fenestrae cinereus & pollicem crassus,

cum marcescente pedunculo decidit. Idem in eodem cau-

tis obtectus, nulla parte nudus,

in Jamaica? In calidario floret aestate Tubula fitit ramuli partem cum fo-

4[illegible]

SOLANUM COAGULANS

[illegible]

## 470.

### SOLANUM PYRACANTHON.

[illegible]

## 471.

### CRASSULA MARGINALIS

[illegible]

## CAMPANULA AUREA

Campanula [illegible] quinquelocularibus [illegible], ferratis, glabris. Foliis [illegible] subpaniculatis, quinquepartitis, caulibus fruticosis, carnosis. *Mill. Icon. vol. 2. pag. 163.*

Campanula capitulis quinquelocularibus; filamentis quinquefidis; caule paniculato; foliis [illegible]

Radices plures, ramosæ, carnosæ, teretes, fuscæ, calamum & ultra crassæ, in [illegible] extensæ. Caulis fruticosus, erectus, teres, pollice crassior, fuscus, carnosus. Folia [illegible] lata longum angulata, per cujus oras pagulæ utrinq[illegible] ad basin usque, ut fere fissilia dici possent, tenuia bifarcata, acuta, glabra, laete viridia, longiora novemuncialia & fere sesquiuncialia lata. Ramorum extremitas fol[illegible] Tota lactescit. Flores erecti inodori, toti flavissimi (ive aurei), foliis calycis foliolis foeda & ad oras virentibus. Sunt hæc ovata, acuta, erecta. Corollæ tubus cylindricus, [illegible] calycem inferius, hoc brevior, erectus. Laciniæ quinque, lanceolatæ, acutæ, reflexæ, calyce longiores. Filamenta quinque, subulata, erecta, alba, longi[illegible] longa. Capsulæ quinqueloculares.

Crescit in Madera. Floret apud nos sub dio Julio & Augusto; hiem[illegible] in tepidario. Tabula exhibet ramum florentem, in quo flos luteus duo habet ea[illegible] foliola truncata, ut tubus corollæ conspici queat.



## LANTANA CROCEA

Lantana [illegible] hirta [illegible]

Caulis fruticosus, inermis, erectus, totus ramosus, tereticuliculus, glaber, [illegible] nereus, digitum minimum crassus, quatuor pedes altus. Rami priores teti[illegible] des, pubescentes. Folia opposita, breviter petiolata, ex ovato lanceolata [illegible] obtusa [illegible] & ad [illegible] Pe[illegible] dunculi axillares, fasciculati, oppositi, foliorum plus minus longitudine, erecti, tereticuli, pubescentes. Flores in capitulum collecti hemisphæricum, sessiles in [illegible] pubescentes, villis ciliatis, extimæ tubo corollæ duplo breviores, reliquæ brevissimæ calycem vix superantes, una cum floribus fere deciduæ, cum pauci fructum ferant. Ca-

lyx & tubus corollæ pubescunt. Hæc crocea & vix variabilis. Drupa globosa, [illegible] purpurea, hirsuta. Nux fusca.

Crescit in Jamaica. Floret in calidario Aprili & Majo. Sibilat ramus, & fructus [illegible]

## 474

### CF .SIA CRETICA

C. [illegible] foliis radicalibus lyratis, superioribus oblongis, floribus fasciculatis, longitudine bractearum, calycibus ovatis, serratis. *Pall. fl. ross. [illegible] p. [illegible] Desc. spec. [illegible]*

C. [illegible] foliis inferioribus ovatis, superioribus ovatis, amplexicaulibus. *Linn. Syst. pag. 56. Linn. [illegible] pag. [illegible]*

[illegible] Caulis duos tresve pedes altus, teres, [illegible] Folia inferiora longe [illegible] ex ovato cordata oblongo & longissimo, [illegible] Summa sessilia, amplexicaulia, [illegible] Corolla ferrugineo [illegible] longissimo. [illegible] Calyx pentaphyllus, [illegible] inæqualis, argute [illegible], pubescens, [illegible] Corolla [illegible] Stamina [illegible] Stylus [illegible]

Crescit in Creta [illegible] Maio & Junio. Tabula filii [illegible] floribus, [illegible] & capitulum.

## 475.

### MESEMBRYANTHEMUM FLACCIDUM.

Mesembryanthemum foliis lanceolatis, planis, oppositis, diffusis, caule herbaceo, [illegible] caulescente.

Ex [illegible] radice [illegible] primo alterique anno folia [illegible] produxerunt [illegible] amplum [illegible] herbaceum [illegible] Folia [illegible] Flores [illegible] Stamina [illegible] Stylus [illegible]

Crescit [illegible] Nov. [illegible] Sed [illegible] tota planta [illegible]

## 476.

### MESEMBRYANTHEMUM TURBINATUM.

Mesembryanthemum foliis triquetris acutis, connatis, punctatis: germine intra calycem in collum coarctato.

Totum glabrum. Caulis fruticosus, pedalis & ultra, ramosus, diffusus, dejectus, ramis junioribus compressis. Folia triquetra, fere æquilatera, connata, acuta, ad lenem flexuositatem punctata, carnosa, glauca, patentissima, vel recurvata, plus minus semuncialia. Pedunculi [illegible] longi, [illegible] solitarii, octo vel novem unciales, apice longe [illegible] decorati ductibus foliorum minorum exteriorumque parietibus ornati. Tubus perianthii [illegible]. Germen hibrotundum, [illegible] calycem circulo valde intropresso [illegible] collum coarctatum, plane ut in Rosa turbinata, quo a Mesembryanthemo spectatur. Facie dilatata [illegible]. Calycis foliola quinque membranacea fusca augentur. Petala numerosa, minora, [illegible], patentissima. [illegible] Antheræ flavæ. Styli quinque, rubescentes, [illegible].

Crescit ad Promontorium bonæ Spei. Floret Junio. Tabula filii ramulum florentem.

## 477.

### MESEMBRYANTHEMUM ERIGERIFLORUM.

Mesembryanthemum foliis triquetris, dilatatis, mucronatis, ciliatis, papillosis, caule fruticoso, ramosis; inferne ramulis deperditis oppositis [illegible].

Caulis fruticosus [illegible] diffusus, inferne ramulorum præter marcescentes [illegible] pedalis [illegible] & ultra [illegible] crassus. [illegible] oppositis, approximatis quinque vel sex foliis [illegible] triquetra, obtusa, apice [illegible] patentissima, pallide viridia, nec glauca [illegible] acutulo, plus minus semuncialia. Flores terminales in ramulis, pedunculo [illegible] crassi, non [illegible]. Calycis pentaphylli foliola triquetra, obtusa, [illegible] subæquilatera, [illegible] sacculato luteoria, obtusa, plana, patentissima. Filamenta [illegible]. Styli quinque [illegible].

Crescit ad Promontorium bonæ Spei. Floret apud nos Junio. Tabula filii ramum florentem.

## 478.

### MESEMBRYANTHEMUM [illegible]FLORUM.

Mesembryanthemum foliis triquetris, dilatatis, subpunctatis, caule procumbente [illegible], corolis [illegible] retroflexis [illegible].

Totum glabrum. Caulis fruticosus, erectus, teres, fuscus, a ramulorum [illegible] diffusorum [illegible] & ultra [illegible]

oppedita, fessura distincta, triquetra ad lentem obsoletius puncta, nunquam fenestrata, apice fere teretia obtusa, viridia, juniora apice canaliculata, patentissima vel recurvata, vix uncium longa, pedunculum columbinum crassa. Flores terminales, solitarii, longe pedunculati, diametro tricentimetrali. Calyces foliola quinque, oblongo-lata, patentissima, interiora membrana aucta. Petala numerosissima, linearia, acuta, pallide rosea, patentissima, eandem recurvata & umbellam solarem imitantia. Styli quinque, patentissima, alba.

Crescit ad Promontorium bonae Spei. Floret Junio. In tabula filitur ramus floriferus.

## 479.

### CHEIRANTHUS ODORATISSIMUS.

Cheiranthus foliis lyrato-sinuatis, siliquis compressis, tomentosis. *Willden. spec. vol. 3. pag. 524.*

Cheiranthus odoratissimus. *Pall. nov. gen. et nov. act. Petropol. vol. 10. pag. 514. Marschall. ab Bieberst. cauc. pag. 126.*

Caulis, rami, folia, calyces & siliquae tomento albo mollique obducuntur. Caulis suffruticosus, teres, ramosus, erectiusculus, a cicatricibus foliorum laxissime exasperatus. Folia primi anni integerrima, obverse ovata, vel oblonga. Subsequa pinnatifida, vel sinuato-dentata, utrinque vel oblonga & parum dilata. Racemi corymbosi terminales. Flores nocte suavolentissimi. Calyces foliola acuta, concava, oblonga, erecta, duo opposita basi in gibbum dorsum tolla. Petala ex ungue gracili cuneiformia, obtusa, longa, reclinata, apice reflexa vel obtusa, purpurea vel violacea. Filamenta quatuor, longitudine styli, siliqua duo brevissima. Antherae mucronatae, erectae, acutae. Stigmatis lobula lanceolata ovata, acuta. Siliqua bunciana, compressiuscula, longitudine corollata.

Crescit in Taurida & Persia boreali. Floret apud nos Aprili, Majo & Junio, hiemem agens in tepidario. Sistitur tota planta florens, siliqua, semen, & planta primi anni.

## 480.

### CASSIA TRIFLORA.

Caulis foliis septeni vel septeni-jugis, glandula obtrunkata infra par foliorum, pedunculis subtrifloris, caule herbaceo.

Tota planta, exceptis petalis & leguminis, ad lentem tam minutim est villosa, ut exprimi villositas in figura apte non potuerit. Radix annua, ramosa, gracilis. Caulis simplicissimus, plerumque sine ullo ramo, teres, erectus, bipedalis, pennam columbinam crassus. Stipulae lanceolato-acuminatae, sessiles, erectae. Folia alterna, patentissima, rigida, vel septeni-juga, rarissime octo-juga. Costa bunciana infra foliorum par ultimum glandulam gerit subrotundam parvamque. Foliola brevissima petiolata, oblongo-lata, integerrima, obtusa, quae nisi sine vix conspicuo, intermedia octo, ceteris longa. Pedunculi communes axillares, solitarii, bracteolati, breves. Pedicelli ex alis bracteorum lanceolatorum & tentulum egredientur ternis, raro quatuor, unifloris, subunciales, figura mediocriter ornata, singuli bracteolis duabus oppositis patentisque. Calyces foliola

lanceolata, canaliculato-concava, acuminata, dorso hirsuta, subæqualia, petalis paulo brevioribus, ex flavo viridia. Petala flava, superiora duo minora & ad basin rubra maculata, infimum luteum. Genitalia generis. Legumen linearе, compresso-planum, obtusum cum mucrone fuscum, polyspermum bivalve, valvulis dehiscentibus. Semina ex suborbiculato ovata, acuta, plana, nitida, nigra.

Patriam ignoro. Apud nos sub dio floret æstate. Sibilatur caulis floribus parvis luteis & lividis.

## 481

### SALVIA BULLATA.

**Salvia foliis cordatis, obtusis, canescentibus, crenatis, bullatis, infimis minoribus; verticillis approximatis, decumbentibus.** *Gronov. dec. 9. pag. 104.*

Radix perennis. Caules quini, plures, basi adscendentes, cæteroqui erecti, argute tetragoni, ad lentem hirsuti & subhirsuti, ramosi, graciles, plus minus pedales, ad nodos nudi. Folia sunt opposita, ex fundo rotundo cordata, obtusa, crenata, bullata, ad lentem subhirsuta, cum petiolis brevibus crassisque pubescentissima, atrovirentia, canescentia, vix odorata, inferiora minora & vix cordata. Verticilli approximati in pedum erecti in cylindricum & versus quidem ad longitudinem decumbentes vel alteri, fulcrantibus bracteis oppositis, lanceolatis, obtusis & minutis. Pedicelli breves, verticillati, singuli bracteola minutissima & vix conspicua ad ortum munita. Flores parvi, patentissimi. Perianthii villis glandulosis capitatis & viscidis densissime vestiti, coarctati & floris labium superius latum obtusum & brevissime emarginatum, inferius ad medietatem, longitudine superioris recessum, acutis, aliquantulum & acuminatis. Corolla cærulea. Labium superius semibifidum, calyce paulo longius, subrotundum, obtusum. Inferius trilobum, obtusum, longius, angulum, planum, laciniis lateralibus oblongis, brevioribus, intermedia obverse cordata cum disco albo. Corolla [illegible] gracilis. Antheræ fuscæ cæruleæ. Stigma cæruleum. Semina oblonga, fuliginea.

Crescit in Cuba. Floret sub dio Julio & Augusto. [illegible] Sibilantur tota planta [illegible] & [illegible].

## 482

### GOMPHRENA DECUMBENS.

**Gomphrena caulibus decumbentibus, hirsutis, foliis ovatis, capitulis subovatis, sessilibus.**

Radix annua. Caulis pennam columbinam crassus brevis & erectus mox supra terram dividitur in caules alios plures, ramosos, teretes, hirsutos, scabrusculos, purpureos, pedales, in ambitu decumbentes. Folia sunt opposita, ovata, integerrima, [illegible] brevissime petiolata, pilis decumbentibus [illegible], [illegible], [illegible] reliqua multo crassiora, [illegible] hirsuta. Capitula floribus [illegible], terminalia, in caulibus & ramis [illegible] in ramulis [illegible] sæpe solitaria, [illegible] demum ad longitudinem [illegible] dum floribus inferioribus [illegible] [illegible] [illegible]

[illegible] integerrimis & albis. Petala quinque, lanceolata, [illegible] longitudine calycis, [illegible] superior rubra. [illegible] albula ore quinquedentato flavo. Si [illegible] nobilitatis, [illegible] Lupulus circumdat [illegible] florem.

Patriam ignoro. Tabula exhibet partem plantæ florentis, & rhachim post florem [illegible] Dum sacra pertinuit, [illegible], [illegible] cum nidulis geminis, pistillum, capsulam & semen.

## 483

## BINA ORELLANA

[illegible] *Linn. [illegible]*

[illegible] *Linn. [illegible] pag. [illegible] tab. [illegible] fig. 4.* [illegible] *Amœn. acad. 1. pag. 63. tab. 35.*

**Orbona.** *Hordige flor. pag. [illegible]*

**Lyrata.** *Sloan. hist. jam. vol. 2. pag. 52. tab. 181. fig. 1.* [illegible]

**A.** [illegible] *pag. 4.*

[illegible]

Crescit in America inter tropicos, etiam Indiam cultus. In caldario apud nos floret aestate. Tabula exhibet ramulum florentem, capsulam, ejusdem valvulam cum membrana sua & alia recentibus feminibus [illegible] post nominatam [illegible] ejusdem juvenilium cum calyce [illegible].

## 484.

### EUPHORBIA CLANDESTINA.

Euphorbia inermis, imbricata, tuberculis folio cuneiformi terminatis, involucro exilissimo [illegible].

Ex feminibus Capensibus enatae plusculae plantae fuerunt, quae tertio aetatis anno primos flores eosque copiosos dederunt. Tertia plantae figura hujus tabulae minor exprimit. Sed in omnibus floribus calyces petalaque erant monstrosa, & quidem diversimode. [illegible] flores [illegible] hic disponuntur [illegible] Tandem tertio aetatis anno [illegible] produxerunt [illegible] quam [illegible] quam post plures annos [illegible] adhuc [illegible] Lacteum [illegible] Caulis simplex, [illegible] teres, glaber, viridis, inermis, fascicularibus diametri, ad [illegible] simplicibus [illegible] imbricatus [illegible] simplicibus folio terminatis [illegible], obtusio sed acuto, integro, [illegible] glabro, [illegible] Flores [illegible] polypetalis [illegible] & [illegible] omnes [illegible] Calyx [illegible] Petala quinque, subrotunda, integerrima, lutea. In floribus monstrosis calyx & ad ortus petala pubescunt [illegible] perfecta? Stigmata tres, apice [illegible].

Crescit ad Promontorium [illegible] Spec. Apud nos floret aestate. In tabula repraesentantur [illegible] & alia recentiora [illegible] flores [illegible] & [illegible] flores [illegible].

## 485.

### EUPHORBIA PISCATORIA.

Euphorbia inermis, fruticosa, erecta, umbellis terminalibus, quinquefidis [illegible] oblongis [illegible] *G. [illegible] 9 pag. 559.*

Tota glabra, inermis, & lacteescens. Caulis fruticosus, teres, flexilis, erectus [illegible] Umbellae in ramulis junioribus [illegible]

ultra subdivisae. Involucrum proprie nullum, cujus vicem obit folium unum alterumve [illegible]. Involucra sub quolibet flore singulari diphyllo, foliolis ovatis, acutis, sessilibus, integerrimis, parvis. Flores hermaphroditi omnes & fertiles glabri, centrales in umbellis [illegible] in reliquis tetrapetali, erecti. Petala subrotunda, truncata, [illegible] flava. Capsulae glabrae. Semina fusca.

[illegible] Canaria. Florent junio & Augusto. Tabula sellit [illegible] quam [illegible] florem.

## 486.

### EUPHORBIA SPARTIOIDES.

Euphorbia inermis, fruticosa, umbellis a trifidis ad quinquefidas, bifidis, foliis uncatis, [illegible], linearibus lanceolatis, petalis truncatis.

Tota lactescit. Caulis fruticosus, inermis, erectus, debilis, teres, ex cinereo fuscus, a foliis delapsis minutim cicatrisatus & scabriusculus, supernè ramosissimus & diffusus, basi pollicem crassus, tripedalis. Folia in ramis junioribus alterna, conferta, [illegible] sessilia, glabra, subglauca, erecciuscula, dein patentia, lineari-oblonga, [illegible], nec tamen pungentia, integerrima, semunciam haud multum superantia, [illegible] lanceolata, & duplo latiora. Umbellae terminales, trifidae, quadrifidae & quinquefidae, dein bifidae. Involucri universalis foliola cor [illegible], quod radius [illegible], ovata, mucronata, integerrima, concava, [illegible]. Involucella linearia, sed minora. Calyx turbinatus, glaber. Petala quatuor, subrotunda, truncata, flava. Capsula subrotunda, [illegible], glabra, parva. Semina glabra, fusca, oblonga.

[illegible] ad Promontorium Bonae Spei. Apud nos florent junio & julio. Representatur in Tabula pars caulis [illegible] floribus, capsula, semen, aut aliquot flos & semen.

## 487.

### EUPHORBIA PORTLANDICA.

Euphorbia umbellis quinquefidis, dichotomis, involucellis subcordatis, concavis, foliis [illegible] lanceolatis [illegible] patentibus. *Linn. syst. pag. 442. Hudson. angl. pag. 59.* [illegible] *Raii syn.* [illegible]
[illegible] *Ray syn. 3. pag. 9. tab. 24. fig. 6.*

Lactescit, tota glabra. Caules ex ejusdem radicis capite sive ex basi caulis principis plures, [illegible] caulibus [illegible] exaltatis, e cinereo [illegible], rubri, pennam columbinam crassi, pedales & ultra. Folia alterna, sparsa, numerosa, subsessilia, fulciniformia, obtusa cum exiguo & vix perceptibili mucrone, integerrima, ex glauco virentia, plus minus uncinata, patentissima, laxiorem reflexa. Ramuli ex foliorum [illegible] & magis minusve dichotomi. Umbellae terminales [illegible] quinquefidae, dein bifidae & dichotomae, partes [illegible], foliis linearibus, involucra subcordata, [illegible] alia concava, alia plana, [illegible]. Flores [illegible] primo prodeuntes masculi, flores cum [illegible] uncinatis inutilia & [illegible] Reliqui hermaphroditi, [illegible] petalis [illegible] & [illegible]. Capsulae [illegible] trilobae, [illegible]. Semina [illegible] punctata.

Crescit in Anglia. Floret a Maio ad Julium. Tabula exhibet caulis florem [illegible] medium florentis partem superiorem, fondens; nectaque florem [illegible] & semen.

## 488.

### HIERACIUM VALENTINUM

[illegible]

Planta hirsuticola, glabra, lactescens, sesquipedalis. Caulis teres, erectus, nitescens, calamum crassus, ex basi ramosus. Folia sunt alterna, lineari-lanceolata [illegible] quinquefida, dichotoma, ampla, patens. Involucrum pentaphyllum, foliis simil[illegible] [illegible] Capitula [illegible] Semina [illegible] [illegible] & [illegible] ces involucellatos & floriferos. Id inde fit, dum Hieme in tepidario servatur, [illegible] [illegible] hac [illegible] [illegible] [illegible]

[illegible] Calyx pubescens. Corolla [illegible]. Faux & [illegible]

[illegible]

Crescit [illegible] Spec. Floret [illegible] aestate. Tabula [illegible]

## 490.

## JASMINUM FLEXILE

[illegible] foliis oppositis [illegible]

[illegible]

Crescit [illegible] Orientali. Floret apud nos aestate. Tabula [illegible]

## 491.

## GLADIOLUS EXCAPUS.

[illegible]

Tunica [illegible] Spatha [illegible] Corolla [illegible] Stamina [illegible] Stigma [illegible]

[illegible]

## [illegible]OPA PROCUMBENS

[illegible] herbaceo, procumbente, foliis ovatis, geminatis, umbellis pedunculatis, [illegible]

Radix perennis, fusiformis, digitum crassa, carnosa, albida. Caulis [illegible]

[illegible] scit in Mexico. Floret sub dio æstate in calidario fructescit Novembri. Tabula exhibet caulem florentem baccam [illegible]



## ATROPA UMBELLATA

[illegible]

Radix perennis fusiformis, pollicem crassa carnosa, albida. Caulis unus alter [illegible] procumbente, ut non repetatur. Celeberrimus Roth in Catalectorum fuo [illegible]

[illegible]. Sub umbellatæ titulo jam a plurimis annis in hortis nostratibus colebatur. Opinor, has plantas aptius proprium constituere genus posse, ut cum Botanicis Peruvianis Sarachia vocetur.

Crescit in Mexico. Floret sub dio assate. Hiemat ista cum radice servatur in tepidario. In tabula repræsentatur caulis florentis pars superior, bacca transversim secta, & semen.

## 494.

### CRINUM ERUBESCENS.

Crinum foliis lanceolatis, cartilagineo-crenulatis, apice producto explanato, floribus sessilibus, tubo limbo longiore. *Act. Acad. Holm. vol. 1. page 403.*

Crinum unifloriforme. *β. Linn. Spec. pl. vol. 1. p. 293.*

Crinum foliis carnosis. *Mill. [illegible] page 73. tab. [illegible].*

Totum glabrum. Bulbus ovatus, [illegible] magnitudine. Folia plura, basi mutuo amplexantia canaliculata & erecta, superne plana & reclinata, lanceolato-linearia, acutula cum apice planissimo nec calloso, inferne ad oras minutissime & remote carnoso-ciliata, desinentia dein in unum oculo antum [illegible] conspicuum, longitudine [illegible] duarum [illegible]. Scapus [illegible] compressus, digitum latus, bipedalis & ultra, erectus, purpurascens, [illegible] in umbellam plus minus sessilem & erectam. Flores pedicellati, [illegible] linearibus, [illegible] odoratissimi. Spathæ bivalves, [illegible] oppositis, patentissimæ, [illegible], ex ima basi oblongæ. Tubus corollæ cylindricus, incurvatus, virescens, [illegible]. Limbus sesquiuncialis, lineis [illegible] lanceolatis, planulis, tribus ad apicem latiore utrinque & virescente discretis, reflexis, patentissimis, quasi unicentralibus. Pars inferior ad orbem patula, [illegible], basi albo, [illegible] purpureo. Antheræ [illegible] corollæ. Germen oblongum, inferum. Stylus filiformis, purpureus, declinatus, staminibus paulo longior. Stigma [illegible] obtusum.

Crescit in India Occidentali. Floret apud nos in calidario Junio & Julio. Repræsentatur in tabula tota planta florens, sed truncatis foliis bulboque.

## 495.

### CRINUM BRACTEATUM.

Crinum foliis oblongo-lanceolatis, basi attenuatis, margine cartilagineis, glabris, apice subcallosis, floribus pedicellatis; tubo limbo breviore; spathis numerosis, tubo longioribus. *Hortum Spec. vol. 2. page 47.*

Totum glabrum. Bulbus ex oblongo-ovatus, tunicatus, foris fuscus, teres, quatuor vel quinque uncias longus, trium circiter diametri, fibris crassis radicatus. Folia radicalia plura, basi canaliculata erectaque mutuo amplexantia, deinde in orbem patentissima, linearia, acuta utrinque attenuata, inferne apio margine cartilagineo albo & undulato veluti crenata, saltem pungentia, firmiora, pedem & ultra longa, quatuor uncias lata, apice calloso & recurvato. Scapus compressiusculus, ex ala equidem foliorum exterioris ortus, erectus, ulnæ planus, foris convexiusculus, a latere ad octo uncias

[illegible]

[illegible] ex basi lata oblongis, acutulis, brevis, tres cum dimidia uncias longis, facie albis, dorso viridulis, apice calloso & margine involutis. Rimenta inter pedicellos li-

[illegible] Germen inferum, oblongum, obsolete triangulare. Stylus filiformis, fila-

[illegible] Corolla tota totum

## 496

### PASSIFLORA TUBEROSA

Passiflora foliis bilobis, subtus glandulosis, lobis oblongis, erectis, pedunculis geminis.

[illegible] gitum minimum crassis. Caulis fruticosus, scandens, ramosus, decem [illegible] latus, basi lignosus, cinereus digitumque crassus. Cirri axillares, simplices

[illegible] Germen viride. Stigmata viridissima. Fructum necdum dedit

## 497

### ARISTOLOCHIA PANDURATA

[illegible]

alterna, petiolata, cordata cum basibus lobis oblongis & rotundatis, deinde oblonga & [illegible] supra [illegible] acuminata, [illegible] angulata, integerrima, trinervia vel quinquenervia, subtus venosa, subtus reticulata & rugosiuscula, longiora sesquipedalia. Jam per sedecim annos, ex patrio solo huc [illegible] advecta in vivario horti Schönbrunnensis laetissime vegetat, nec florem ullum produxit. Hinc ne pereat ejus memoria, vel sic sine flore opera huic inserta.

[illegible] Sculptura in tabula ramulus junior cum duo foliorum

## 498.

### FRUTEX INNOMINATUS.

Ob defectum fructus hanc stirpem determinare nequeo, forte novum genus. Petropolitano huc transvectus fuit sub titulo Thees regio vel Thees Mandarinorum. Caulis [illegible] Folia opposita, ex oblongo cuneiformia, [illegible] & ad Chenopodium ambrosioides accedente. Flores [illegible] corolla externe & [illegible] Calyx viret, corolla albet. Characterem gaudent sequenti.

Calyx [illegible] quinquedentatus [illegible]

Corolla [illegible] Tubus [illegible] Fauces [illegible]

Stamina [illegible] fauci interiori parti inserta, longitudine [illegible]

Pistillum [illegible] subrotundum [illegible] longitudine [illegible] Stigma obtusum, acutum, patens, [illegible]

Quis it in China? Floret sub dio apud nos Augusto & Septembre [illegible] In tabula exhibentur ramus florens & aucta flos integer [illegible] longitudinaliter dissectus cum antica parte & aliis laciniis medii [illegible]

## 499.

### ARBOR INNOMINATA.

[illegible] arbor insigne. Apud nos [illegible] Folia [illegible] Flores [illegible]

ad Iretem fubvillofulus eft, & pallide viridis. Petala, filamenta & ftylus albent. Germen pallidum & ad ventem rubrum. Antherae flavent. Sequitur character floris

Cal: Perianthium monophyllum, inferum, argute quinquedentatum, parvum.
Cor: Petala quinque, oblonga, acuta, plana, ferme erecta.
Stam: Filamenta quinque, fubulata, erecta, fere longitudine corollae. Antherae oblongae, biloculares, marumberites.
Pifl: Germen fuperum, ovatum. Stylus filiformis, erectus, fere longitudine flaminum. Stigma obtufum.

Crescit ad Promontorium bonae Spei. Floret apud nos Augufto. Siftuntur radicalia florens, auctique flos & calyx.

## 500.

### LYCOTEX an novi generis?

Ex feminibus ad Champion river in Patagonia lectis, & apud nos terae commiffis, prodiere flores [illegible] fempervirentes, quinquepedales, quotannis florent & [illegible] negatur fructum. In character generis manent omnia. Caulis erectus, [illegible] erafius. Ramis [illegible] & [illegible] fuperficiales. Folia oppofita, [illegible] oblonga, obtufa, [illegible] & [illegible] facie venofa, dorfo rugofa, [illegible]. Axillis [illegible] tubulatae infident & fubpungentes, quae funt primordia tubulorum, in quos evolvuntur & fic difparent, aut exficcantur & prefftant. Racemi terminales, [illegible] erecti. Pedicelli brevifimi. Perianthium [illegible] pedicelli, [illegible] bracteolis [illegible]. Corollae tubus gaber, cum [illegible] & [illegible] & [illegible] barbatus flavet. Filidium eft glabrum. Characteres generis hoc fequenti

Cal: Perianthium inferum, monophyllum, campanulatum, erectum, parvum, ore obfolete & obtufe quinquedentato.
Cor: monopetala, [illegible] tubo longiuscula, limbo divafo in laciniis quinque, [illegible], ovatis, obtufis, patentiffimis, undique margine revolutis, tubo brevioribus.
Stam: Filamenta quinque, fubulata, in fauce corollae, brevifima. Antherae oblongae, erectae.
Pil: Germen fuperum, ovatum. Stylus filiformis, erectus, flaminibus brevior. Stigma bifidum in laciniis oblongis, obtufis, erafiis & patulis.

Crescit in Patagonia. Floret fub dio Julio & Augufto, in lepidario agens hortum. Siftuntur in tubuis ramulus florens, nacta flos, calyx, & pifillum.

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SERIEBUS IN HOC VOLUMINE DEPICTARUM


A

[illegible]

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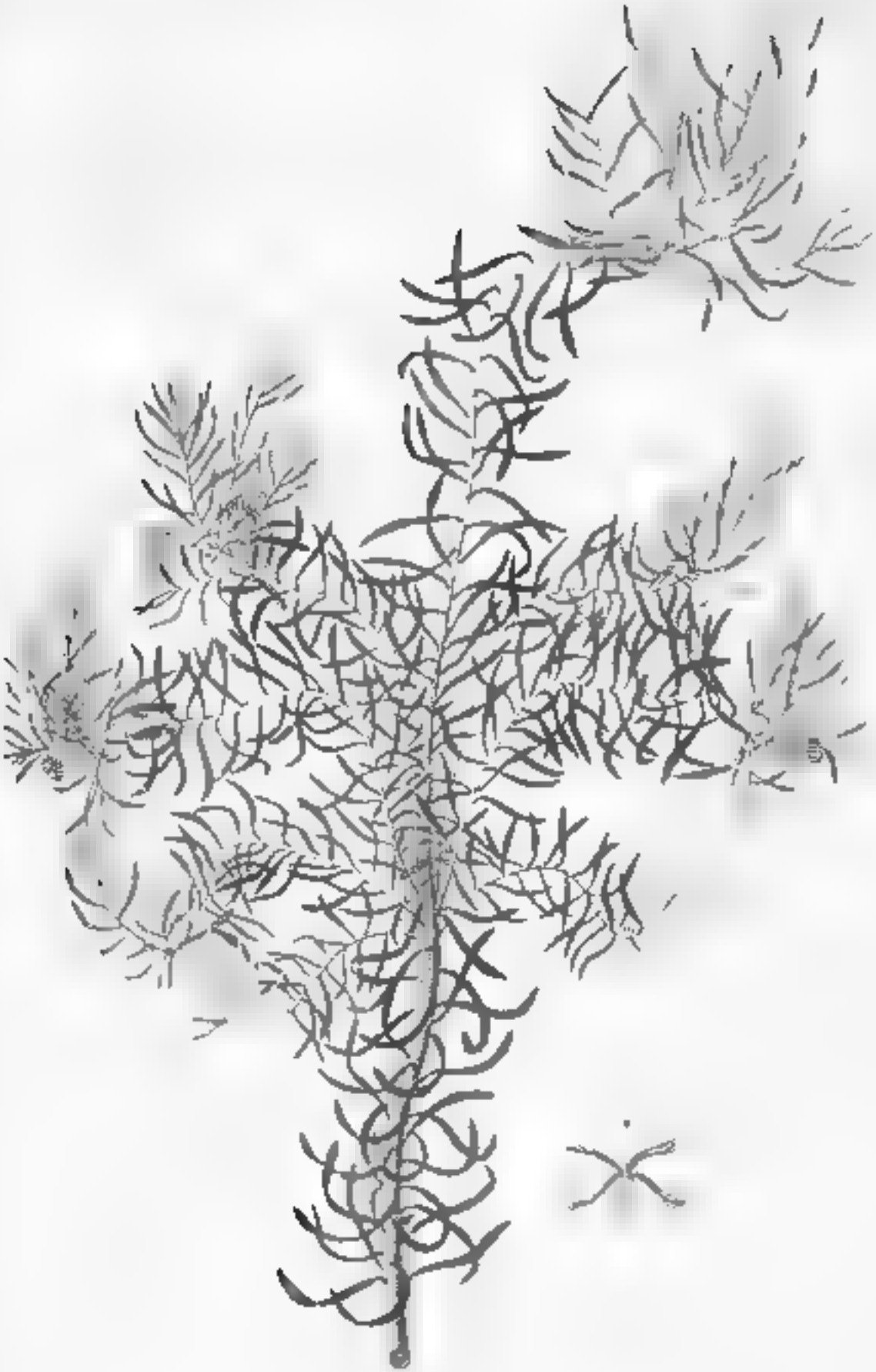
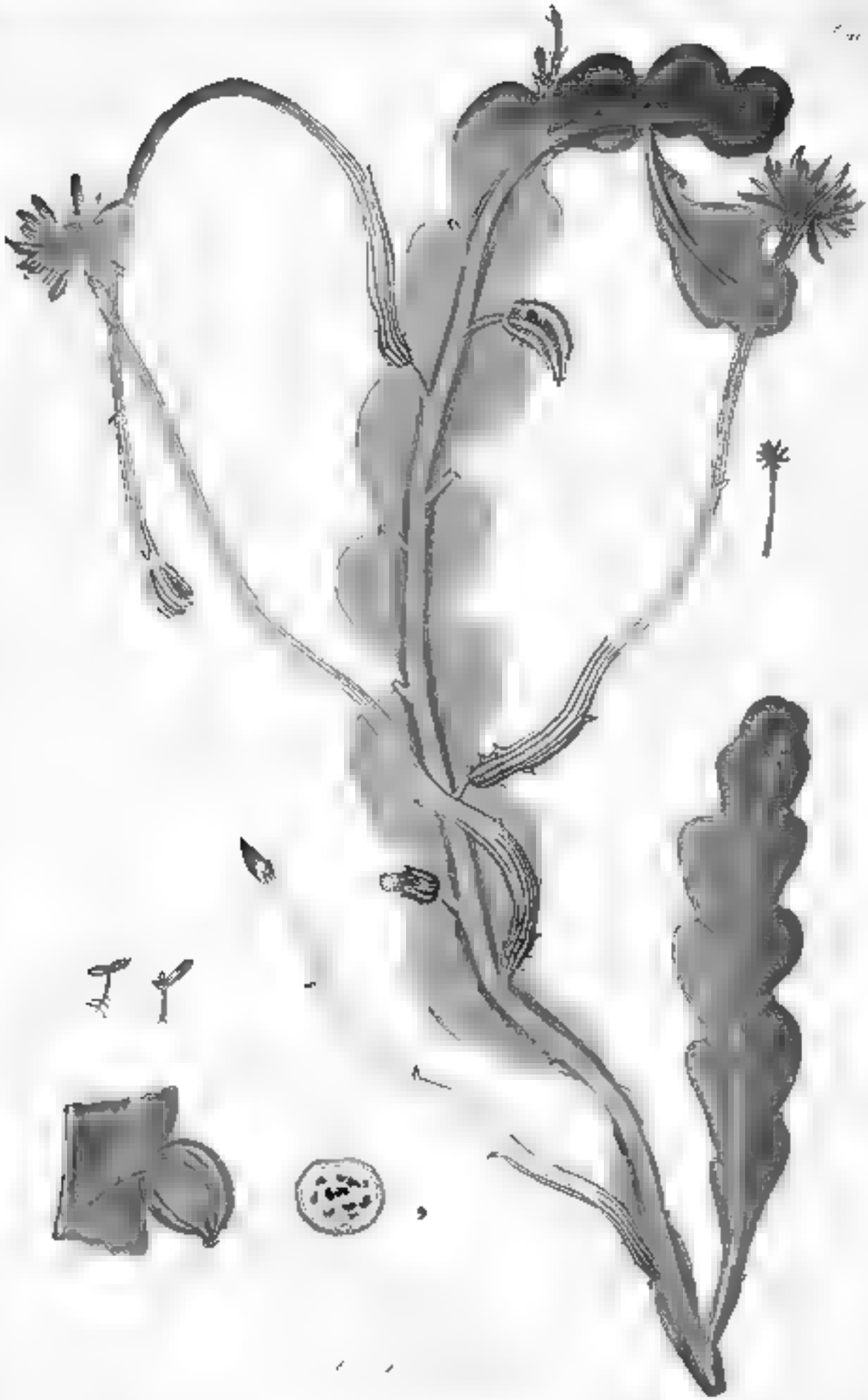
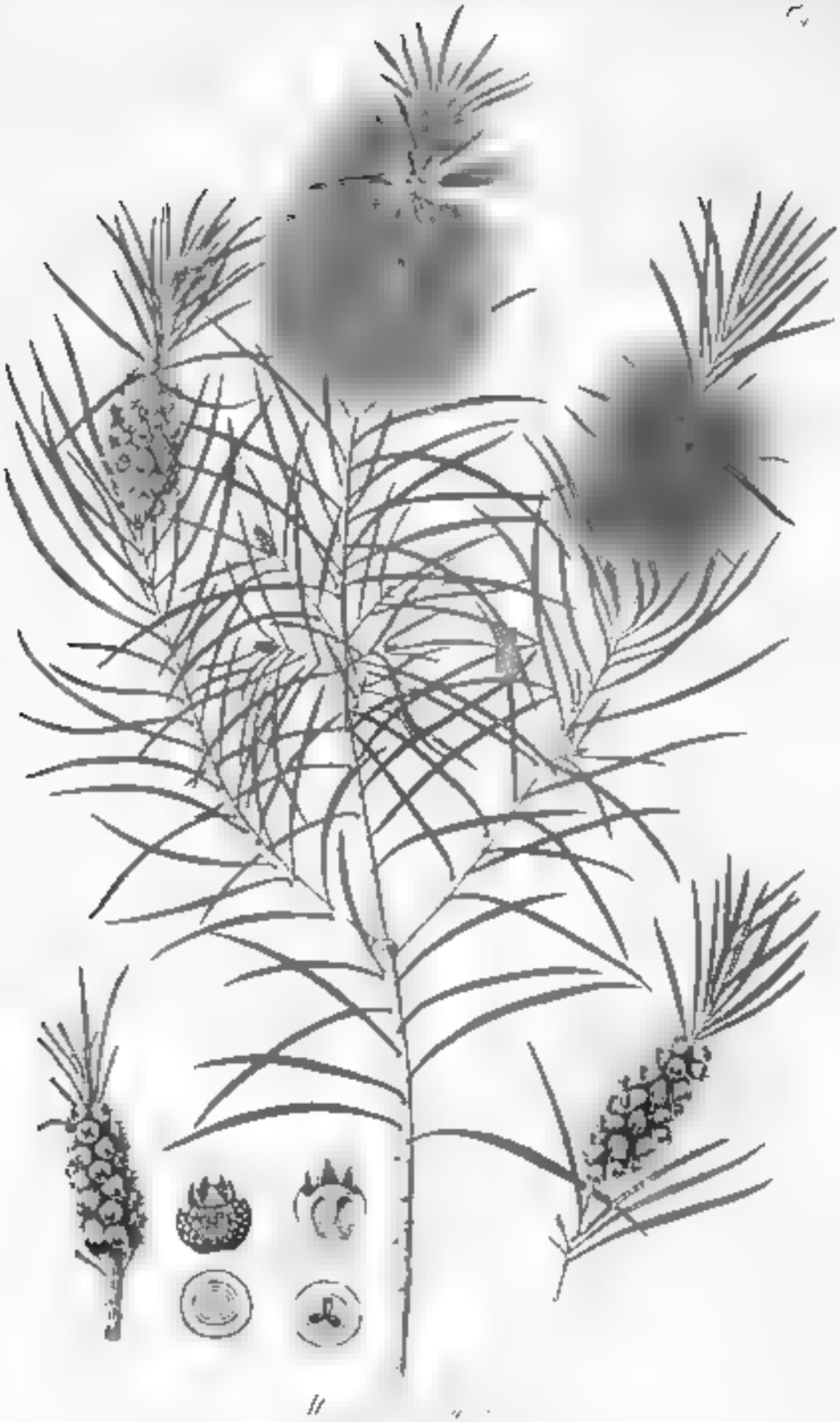
| Zizia [illegible] | 397, 399 |
| Zygophyllum [illegible] | 354 |





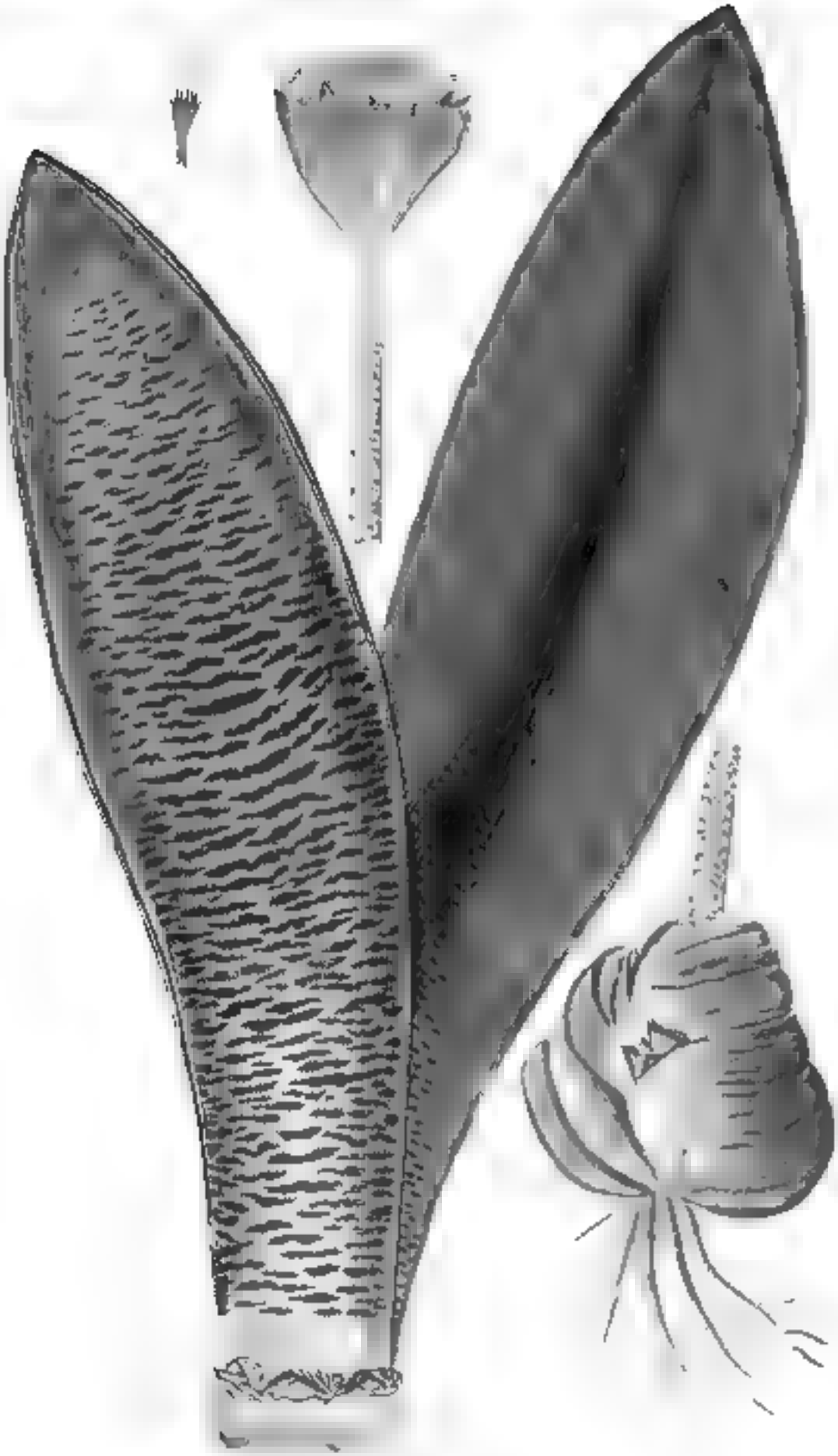
*Zygophyllum fabago*



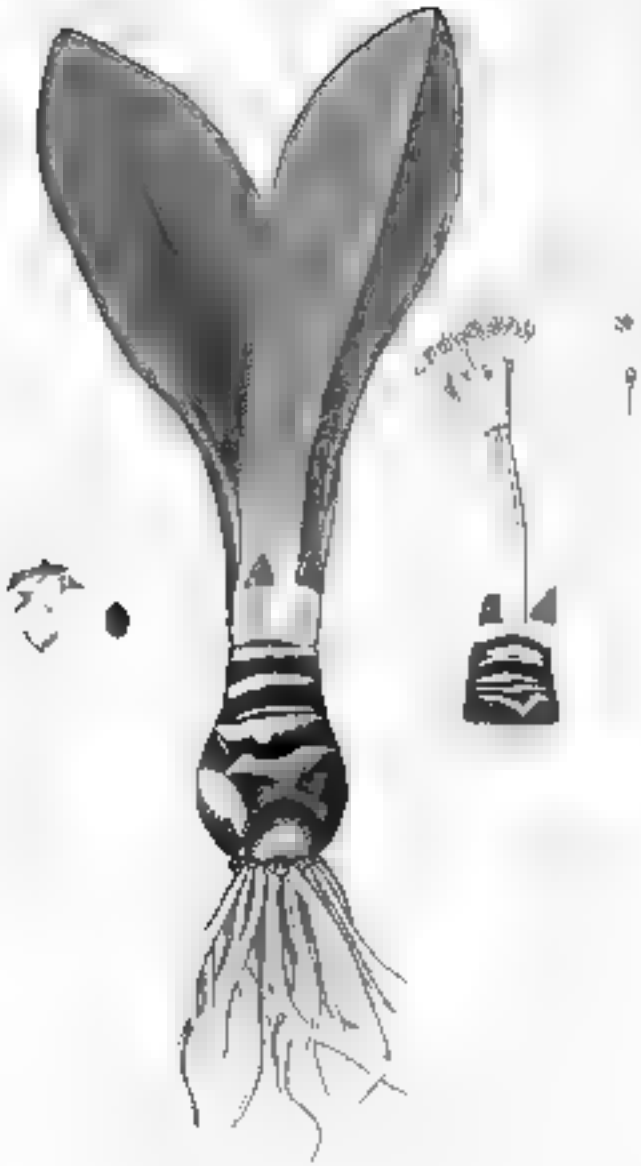
*Haemanthus [illegible]*

T. 10

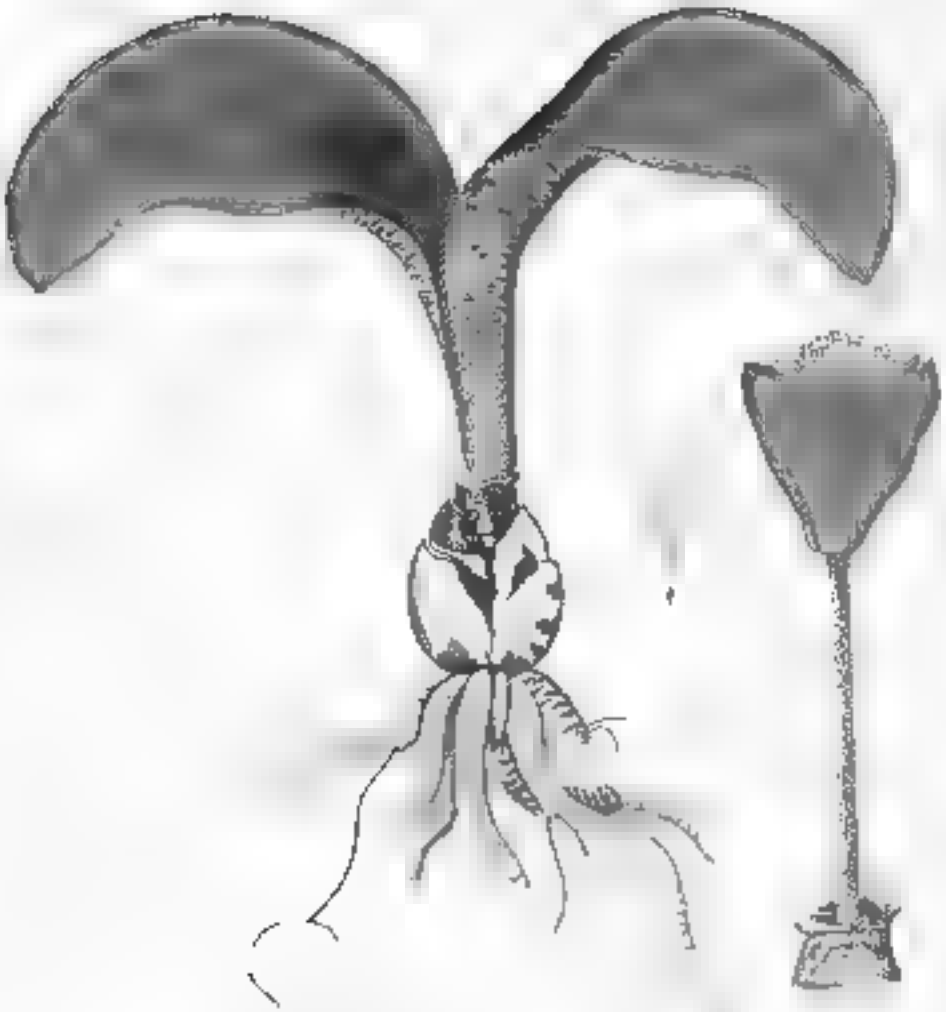
Lemaire lith. Bruxelles imp.



*H. [illegible]*



*Ulmanmulus tomosi*

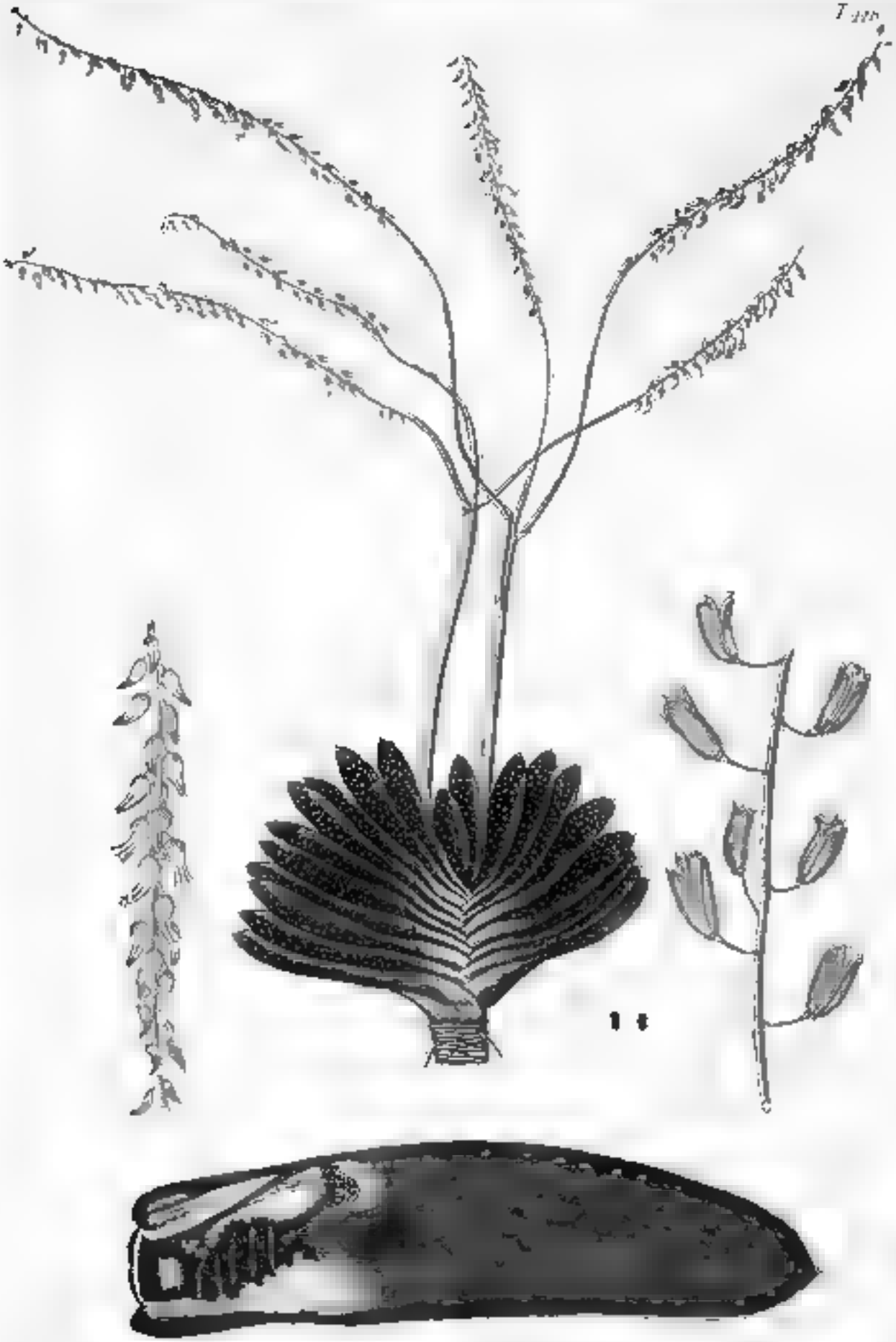


[illegible]

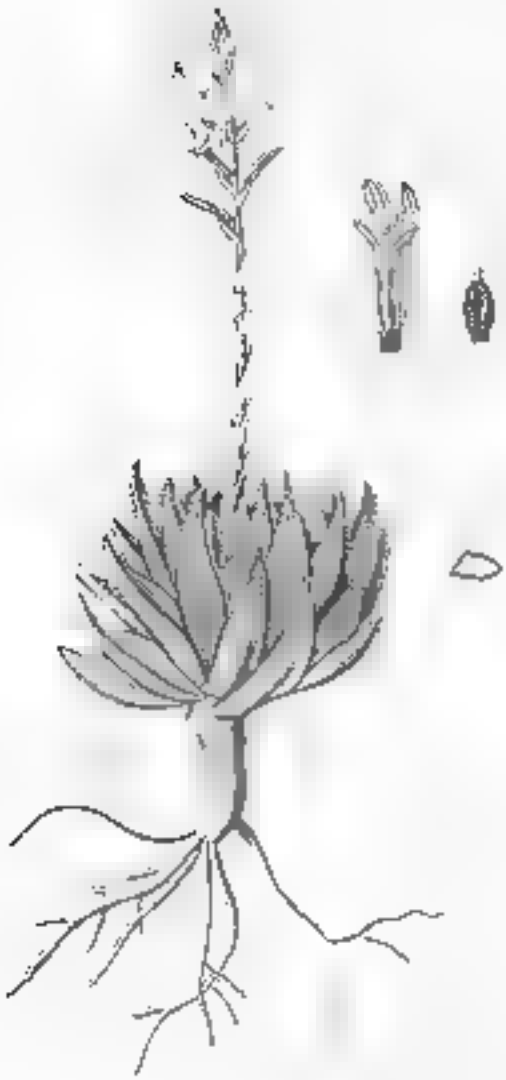
*Cathic[illegible] [illegible] di[illegible] [illegible]*

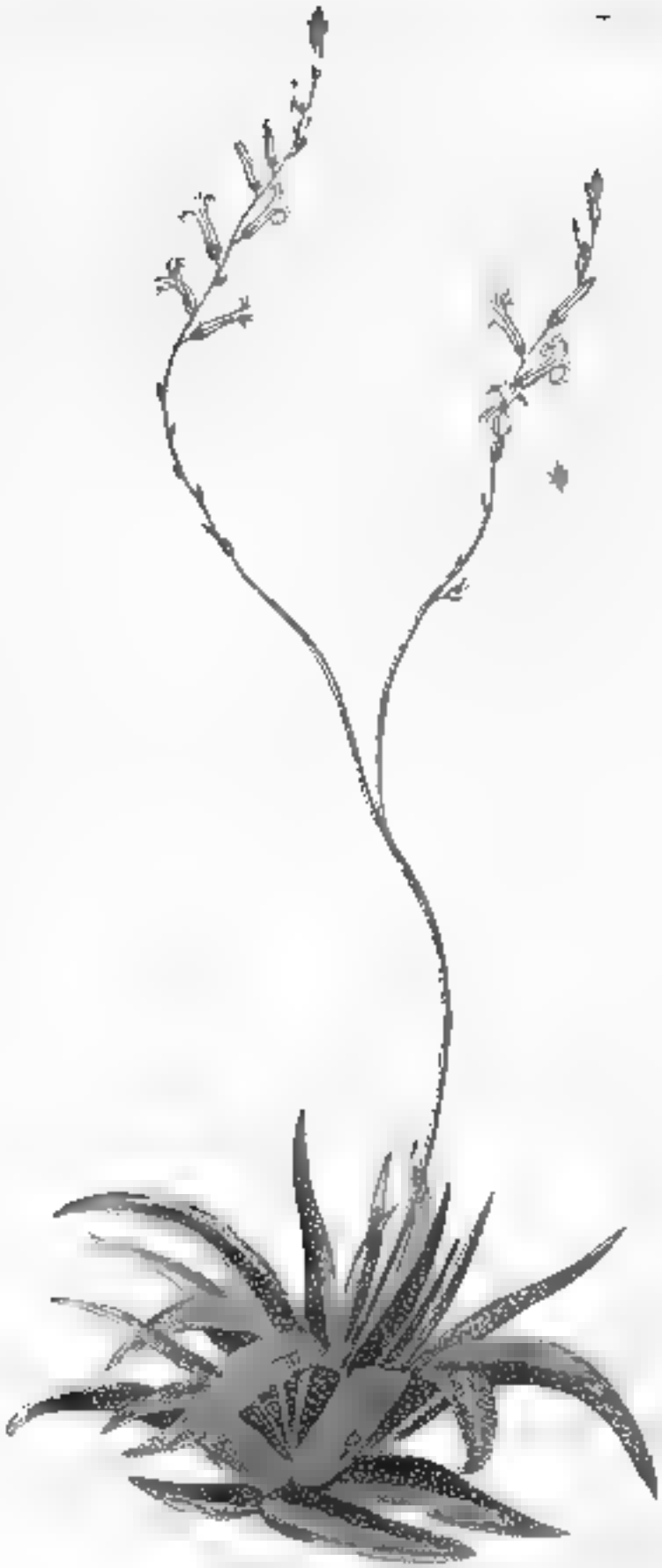
*Pomme bud rose*

Rosa [illegible]

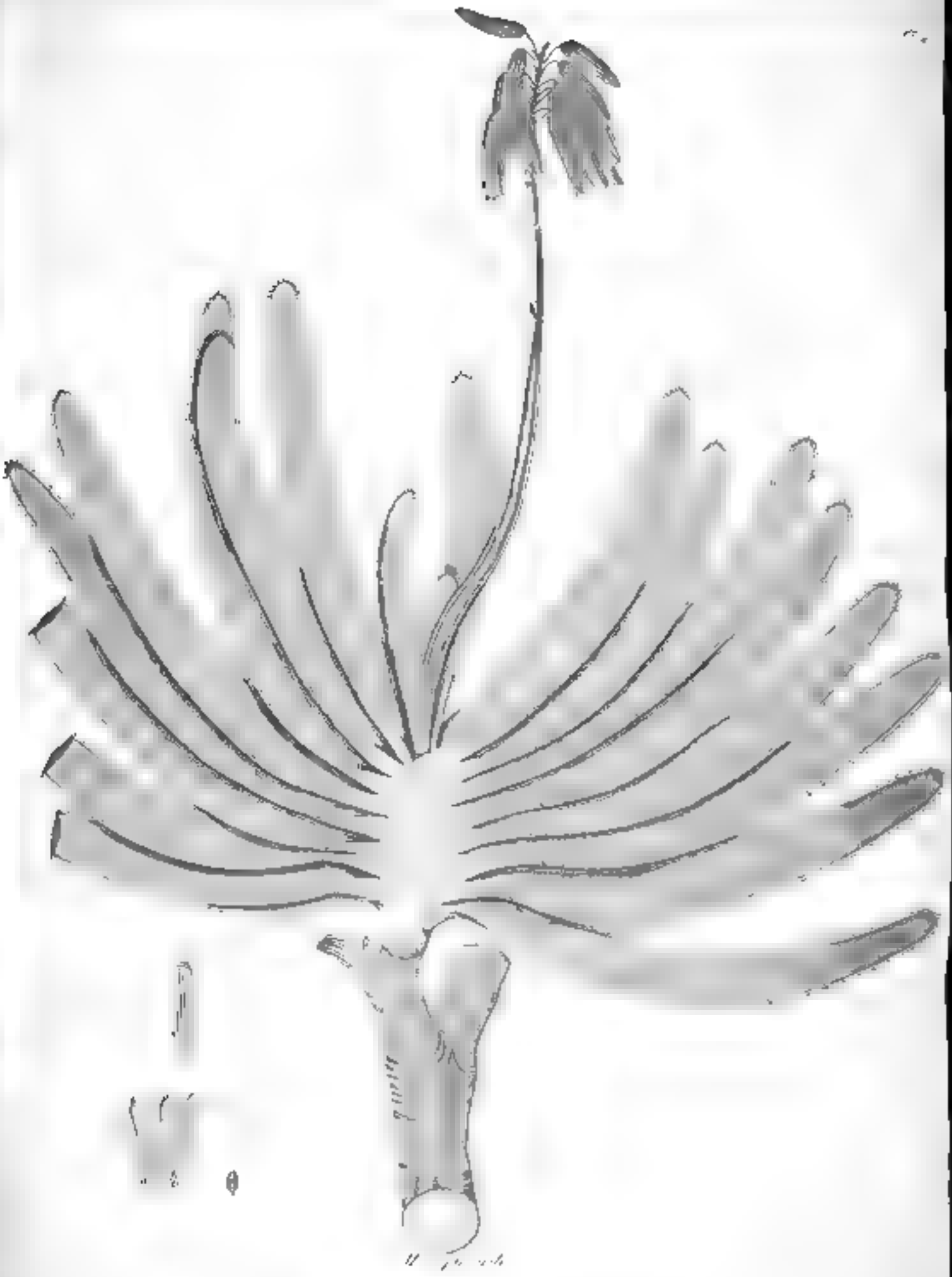


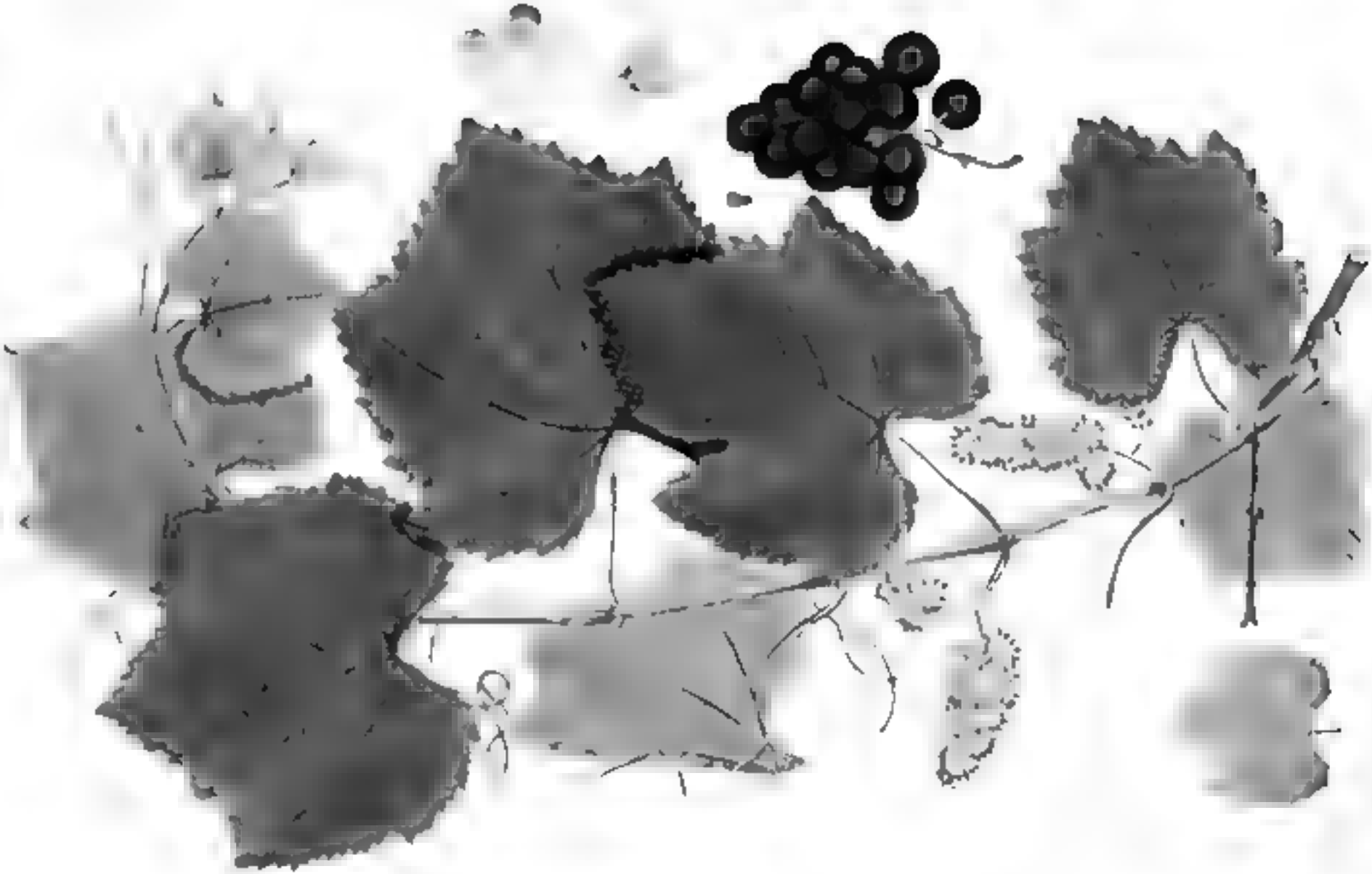
*A. Lumbr.*

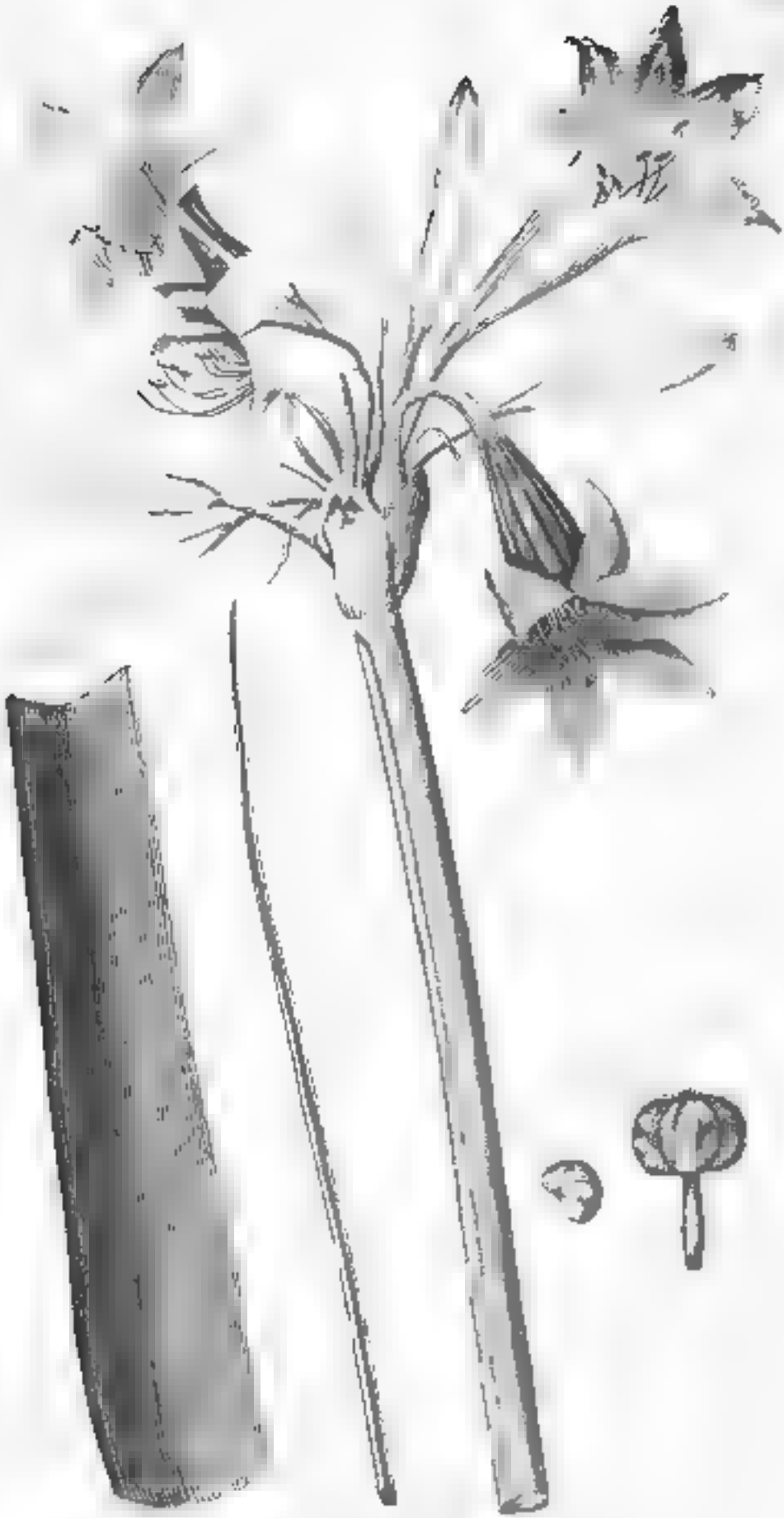


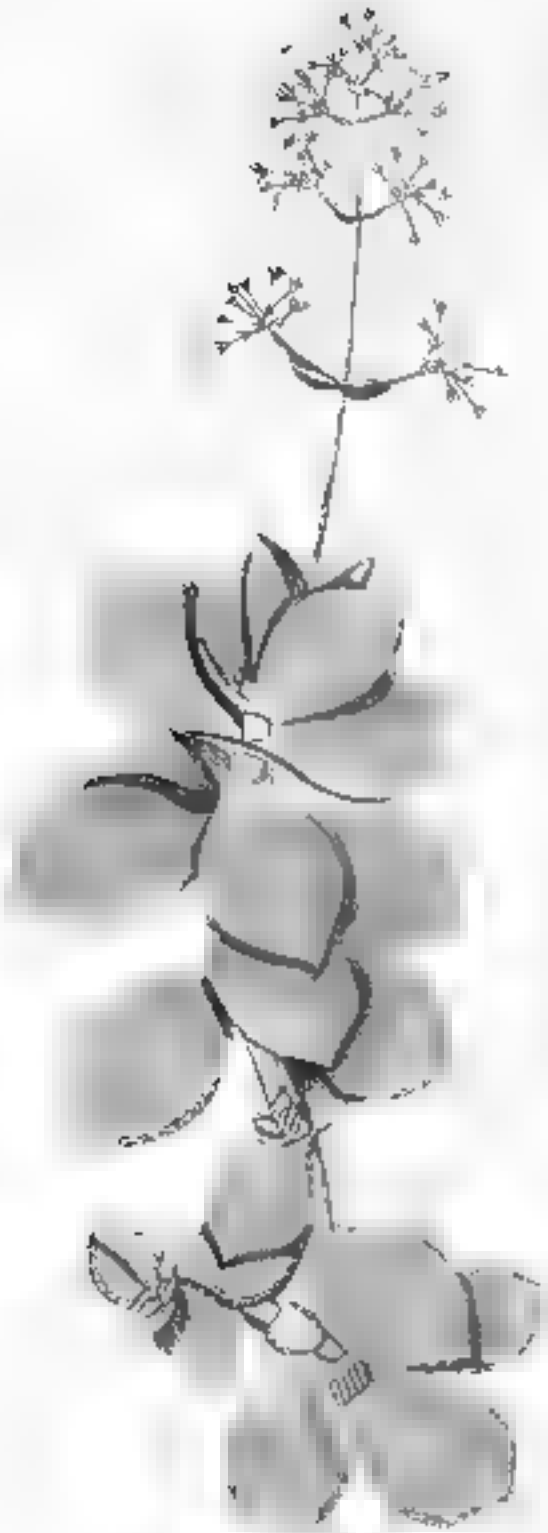


*E. adul. 1*









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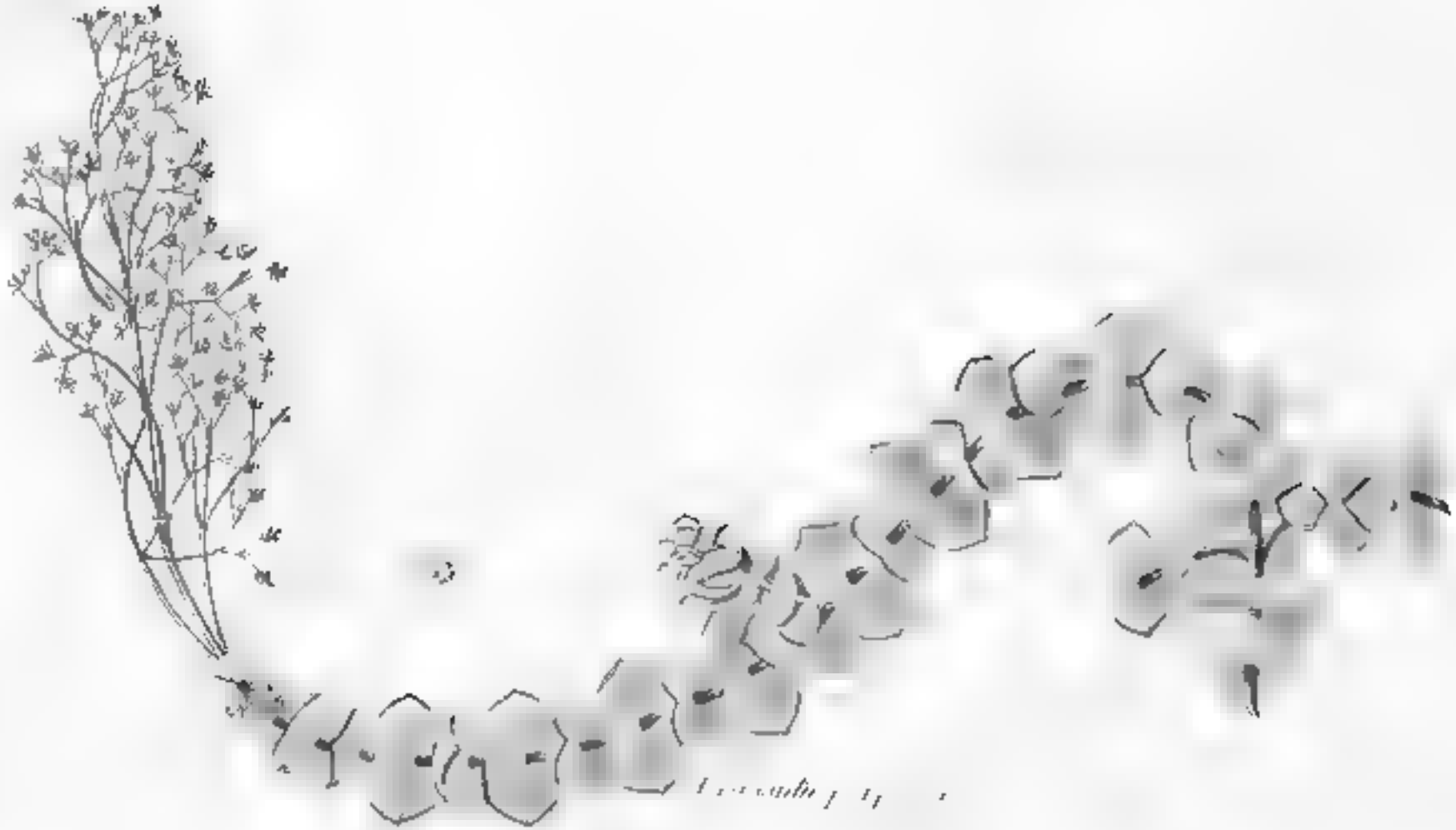
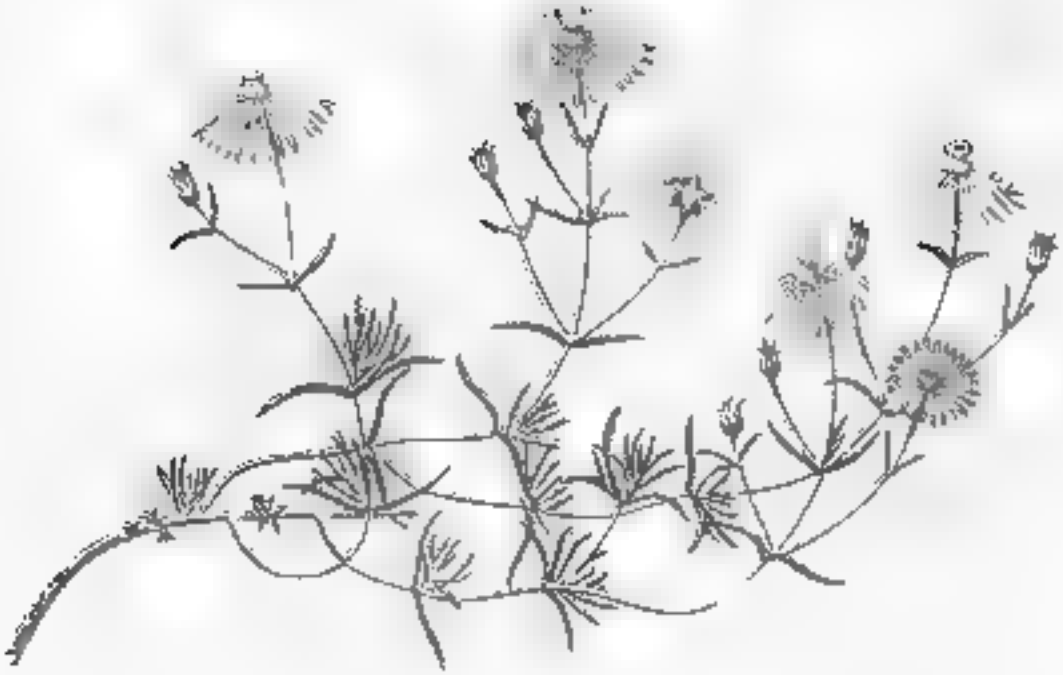
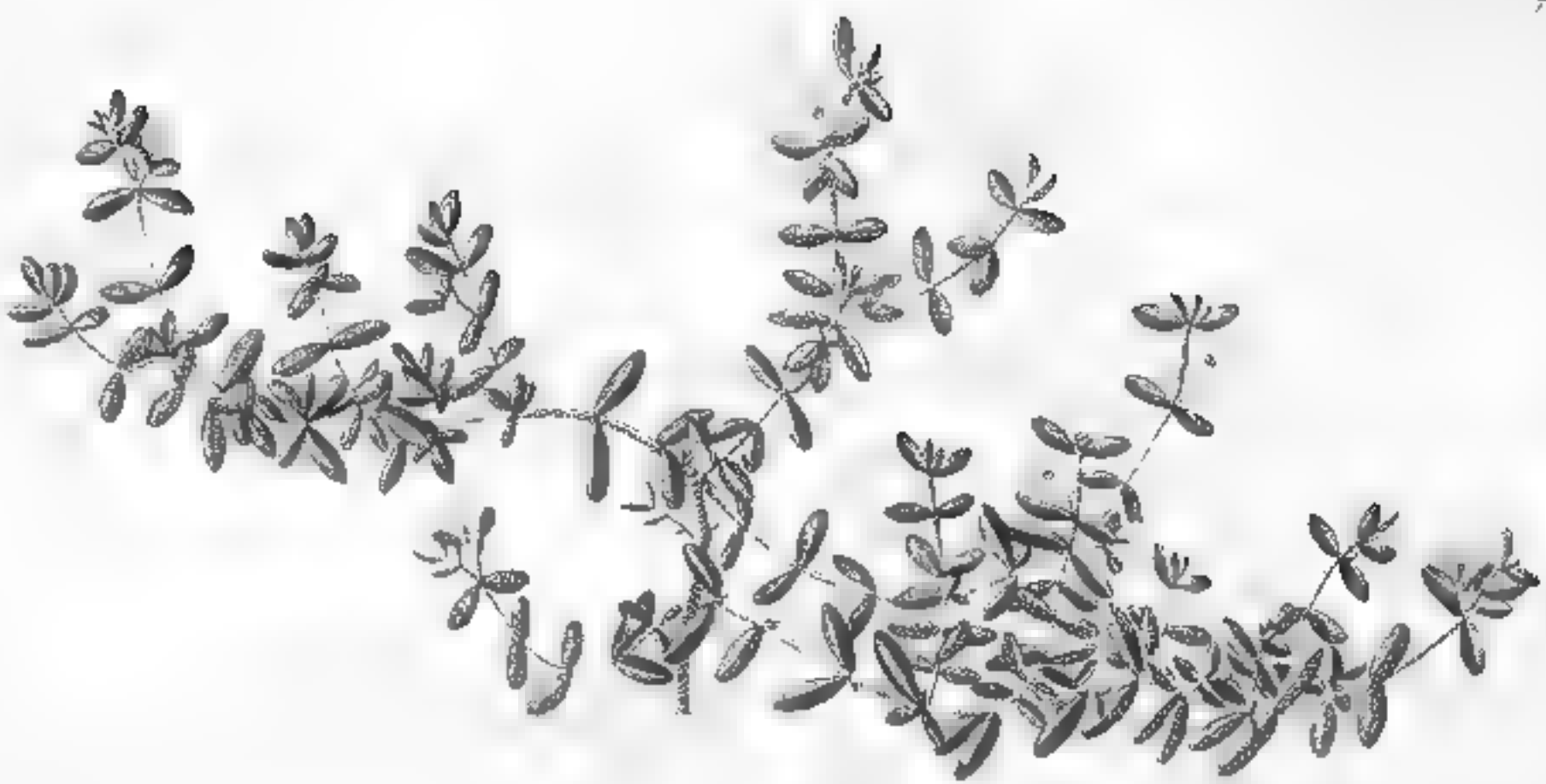


*Cynoglossum officinale*

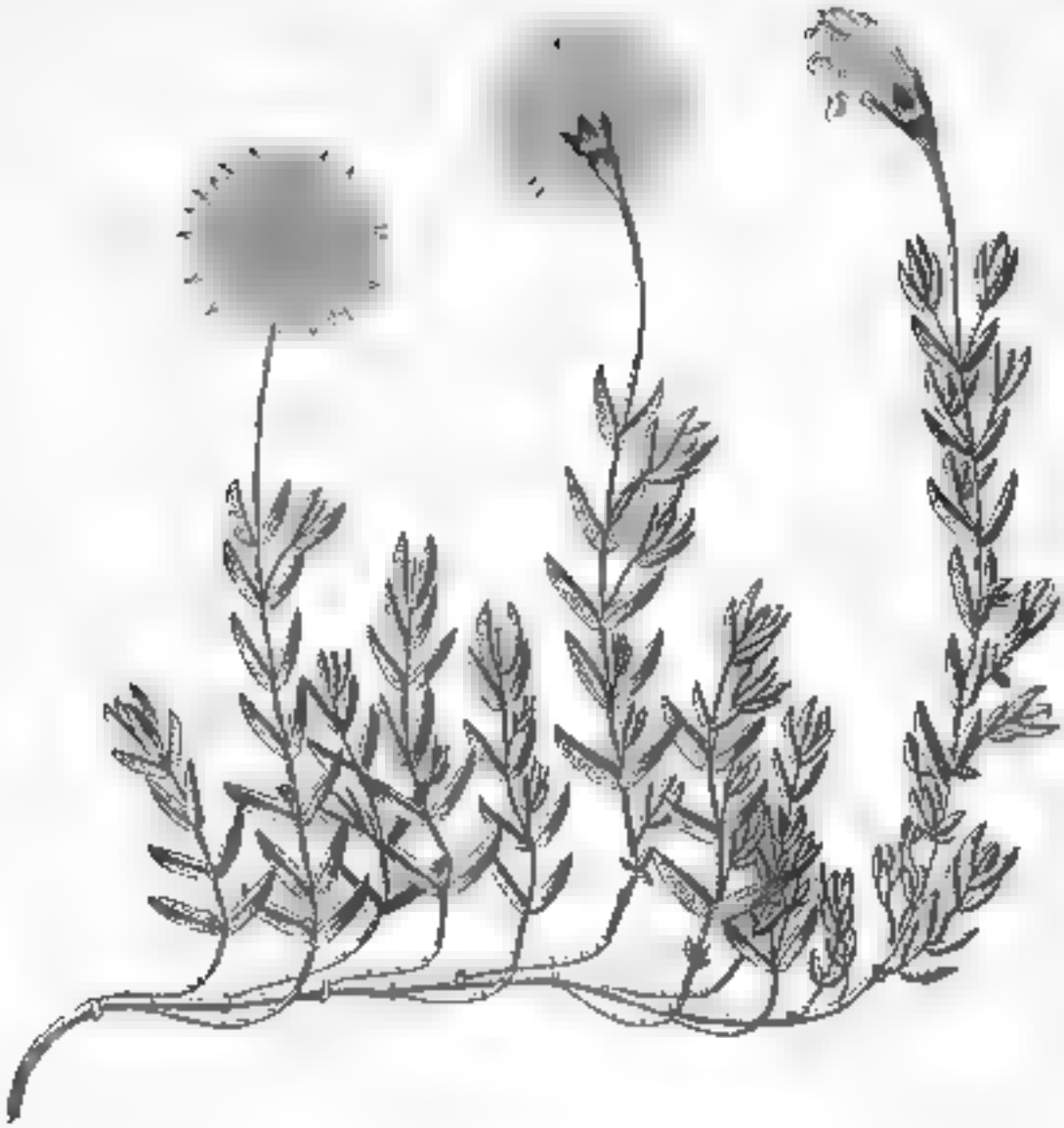


Alternanthera [illegible] Lamarck



*Herniaria glabra*

*Hemipyrenothecium aculeatum*

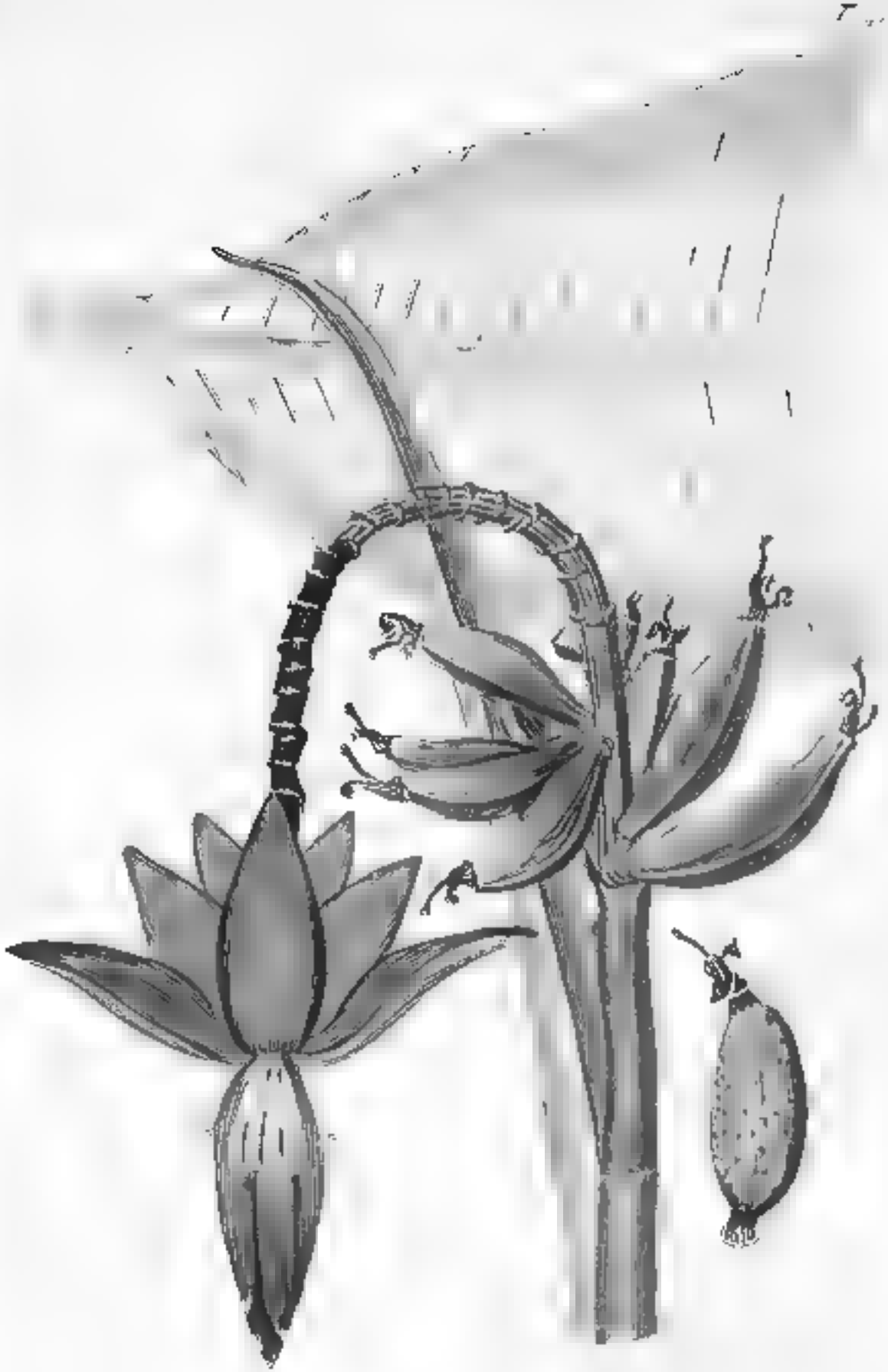


*H[illegible]*

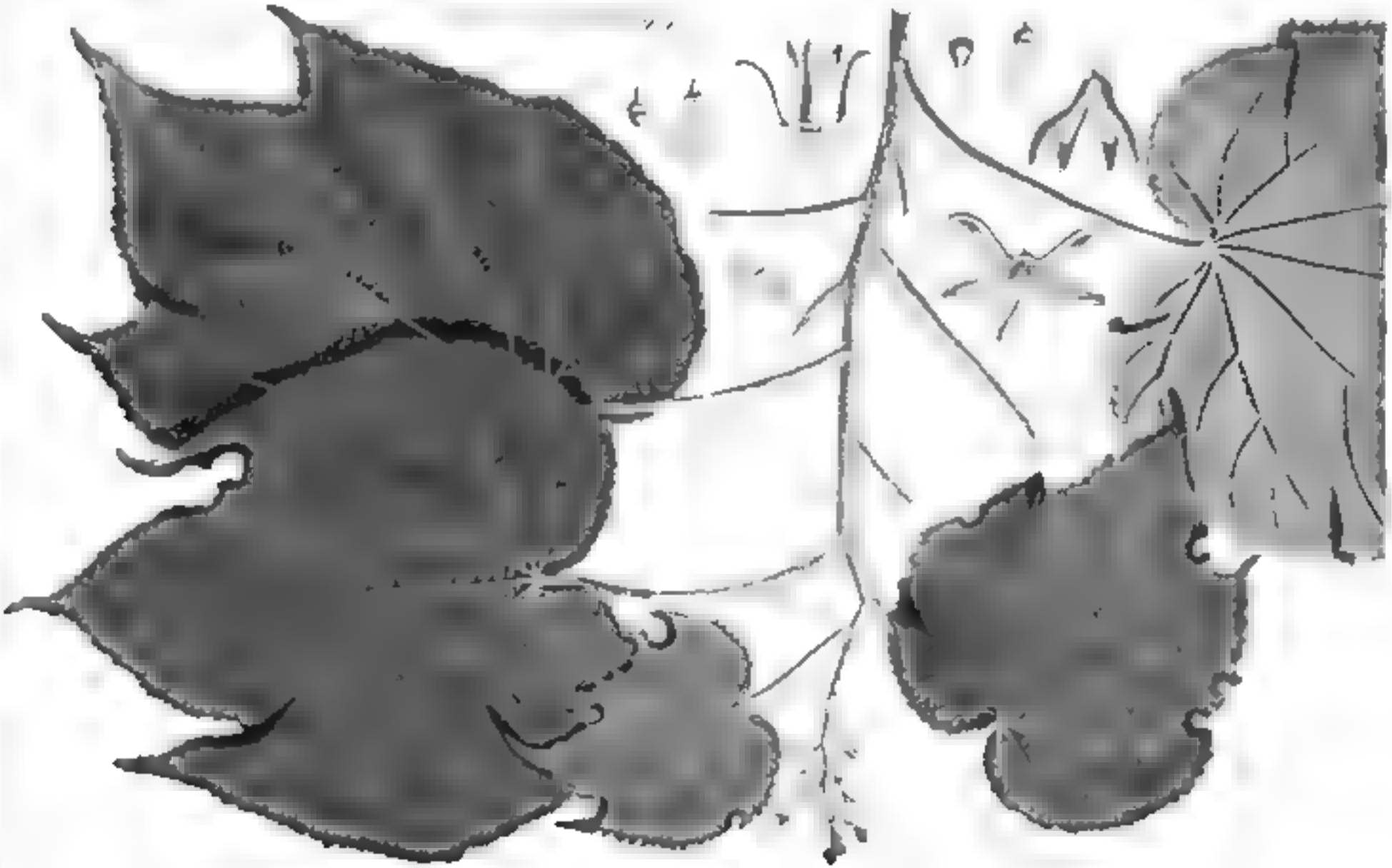
*Mesembryanthemum tri-color*

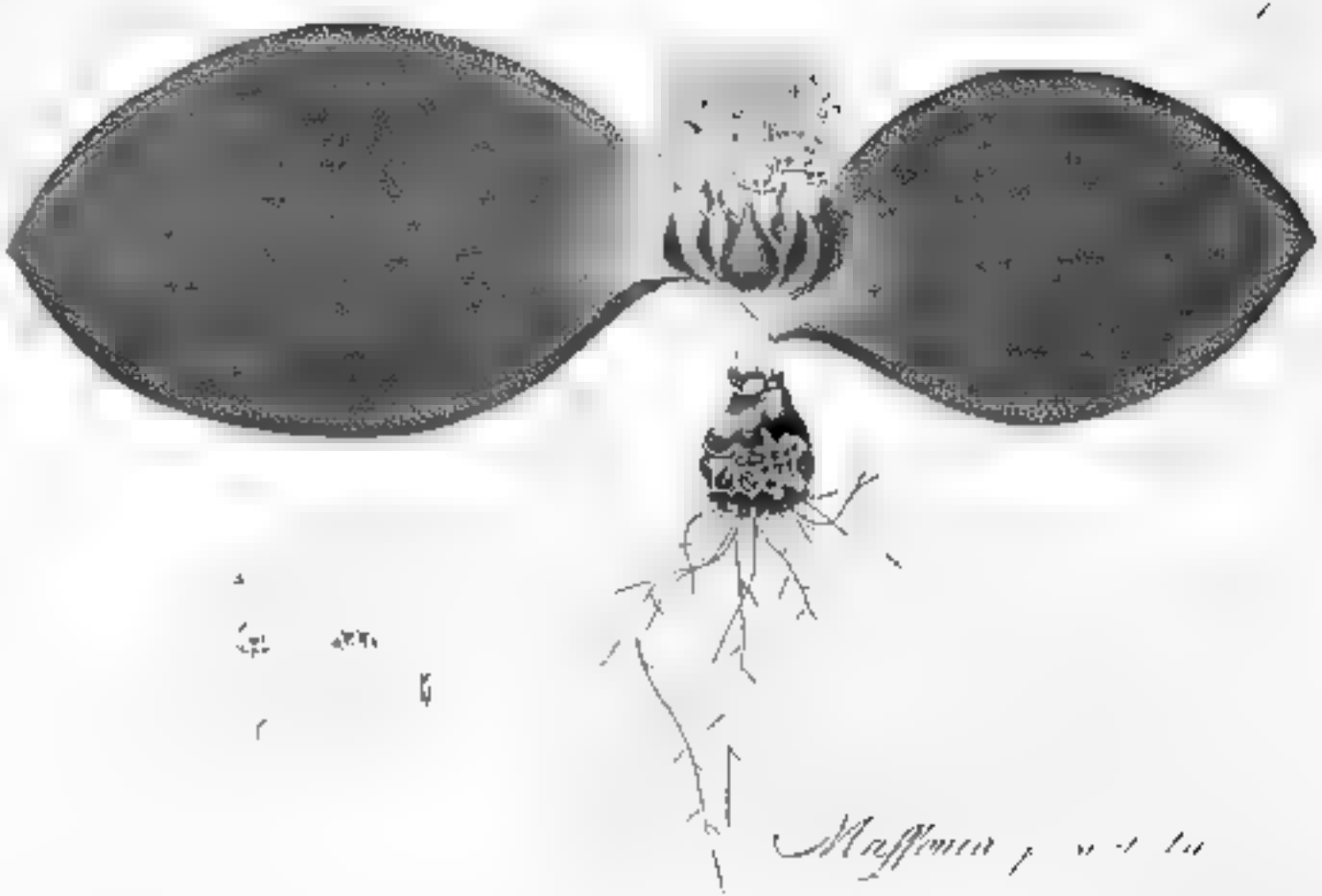
Ver. Sa. Anthemis [illegible]

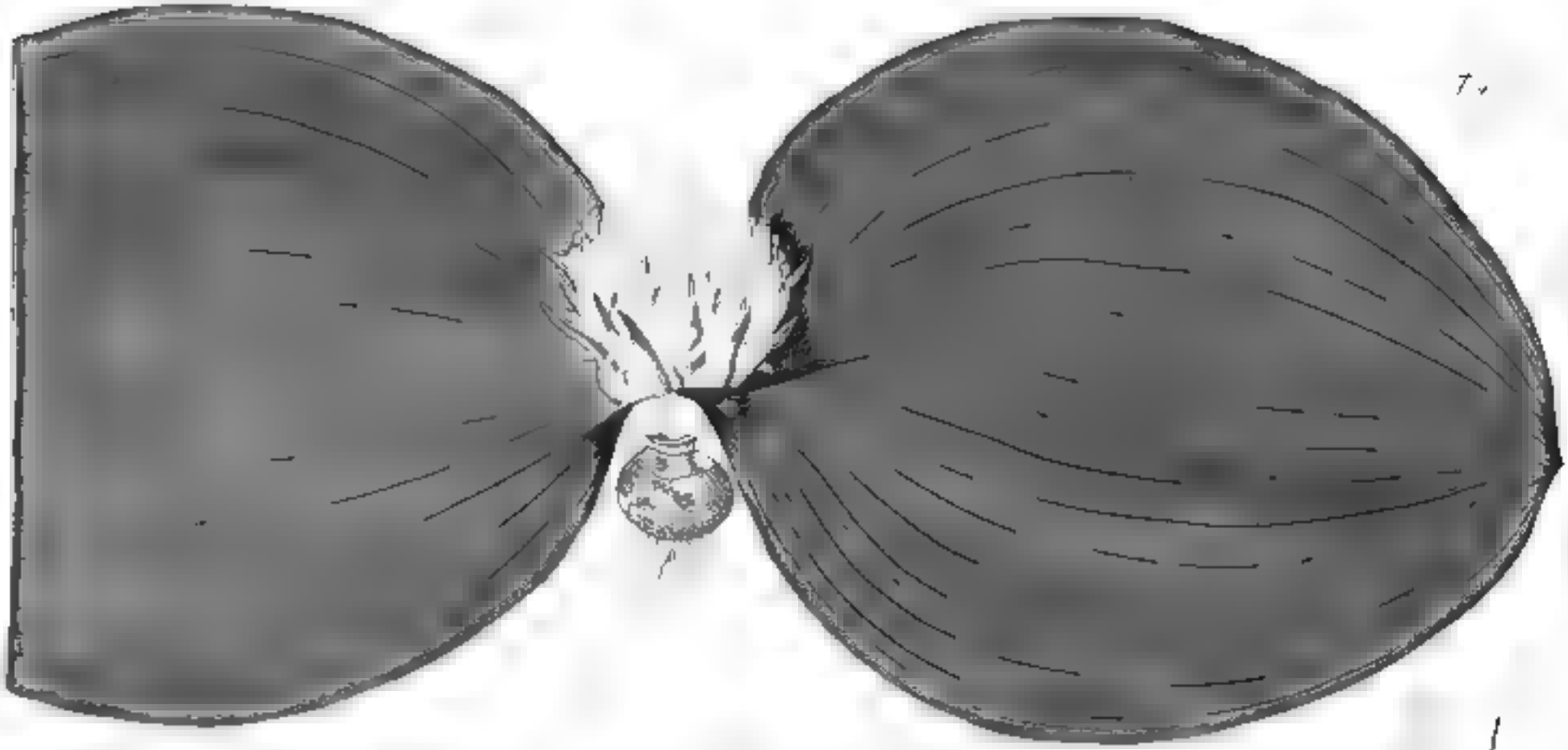
*Leontodon taraxacum pratensis*

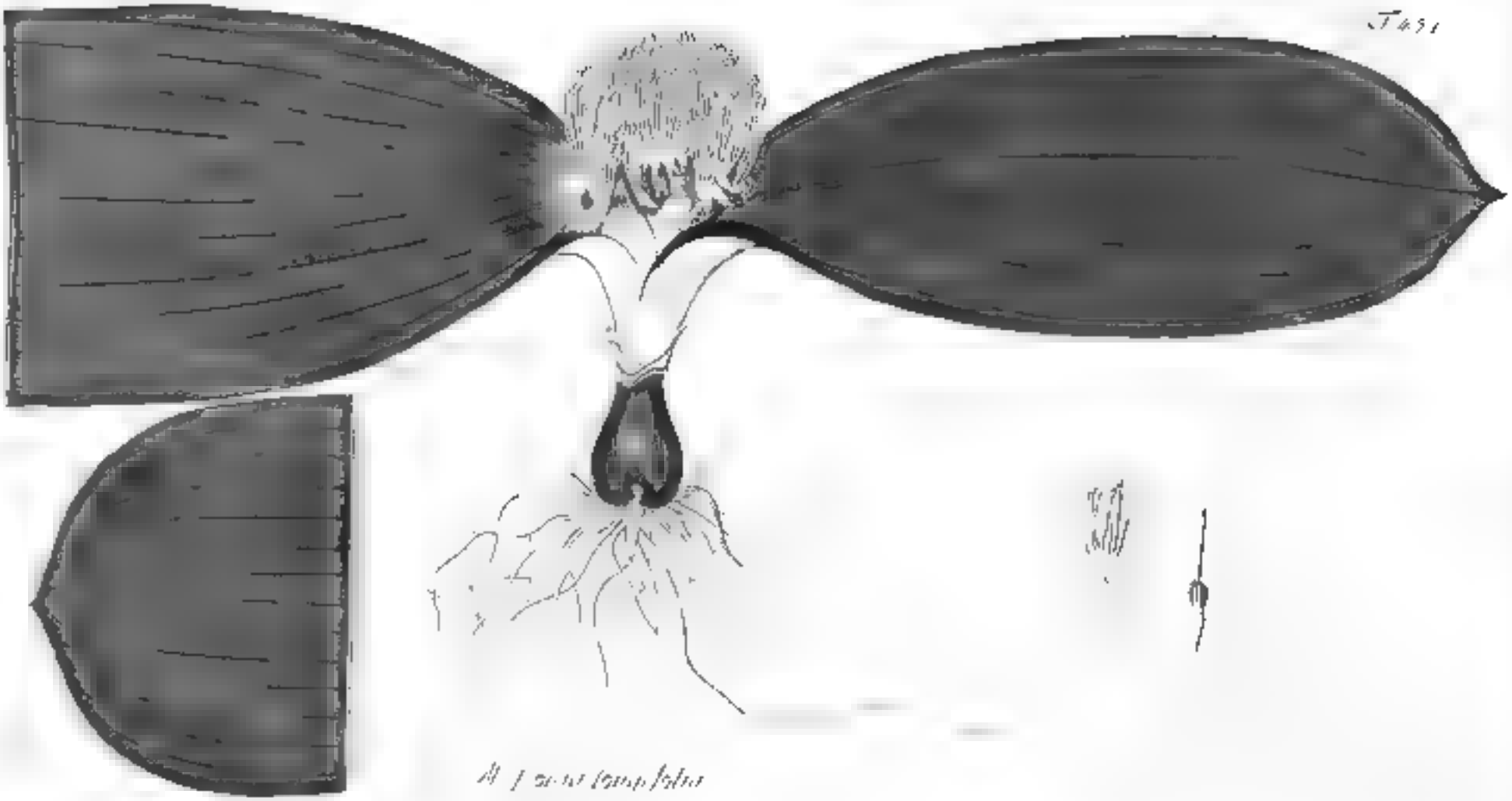


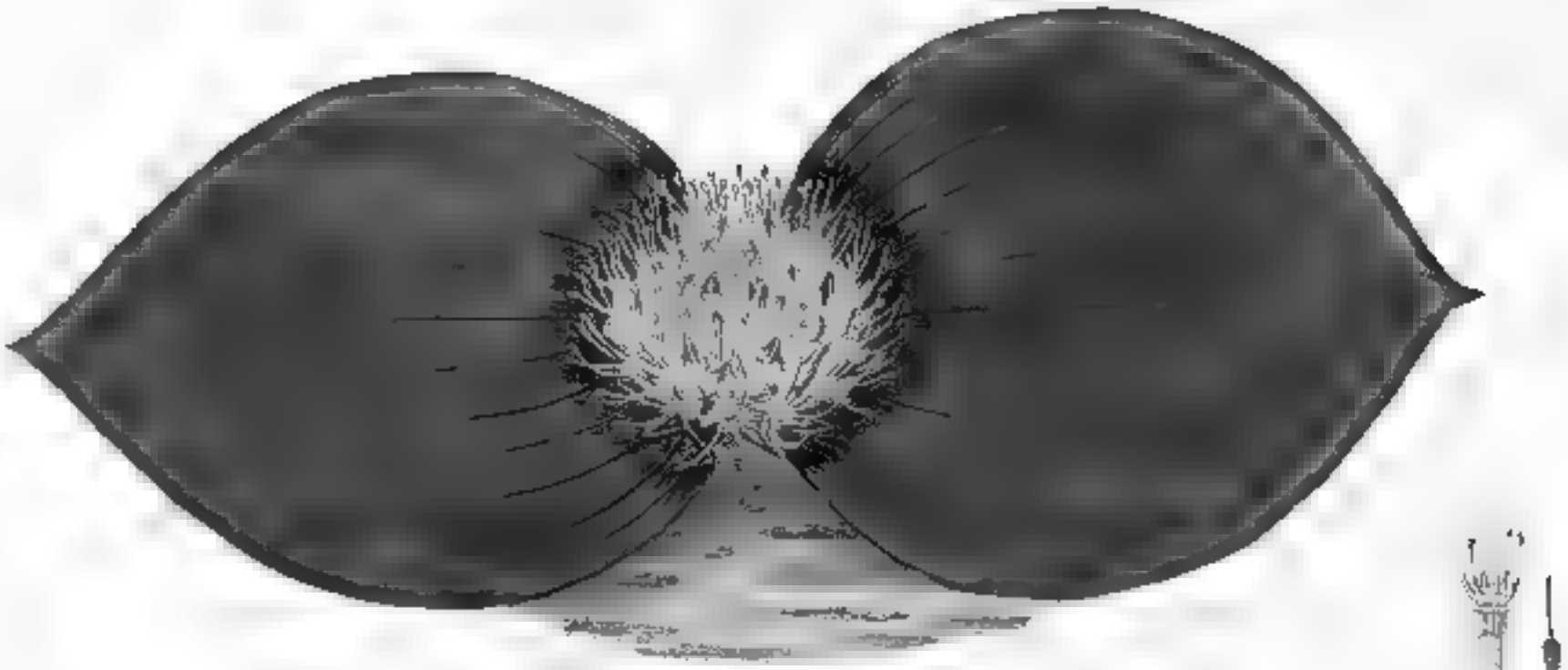
Bruhova petalo

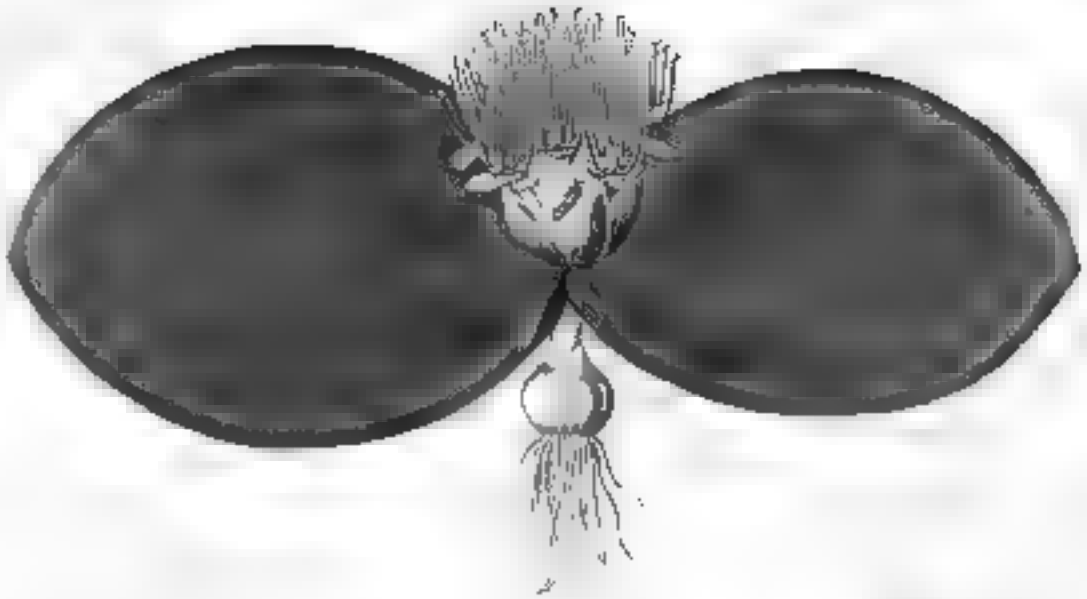


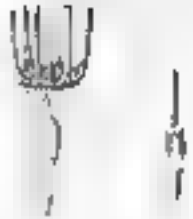




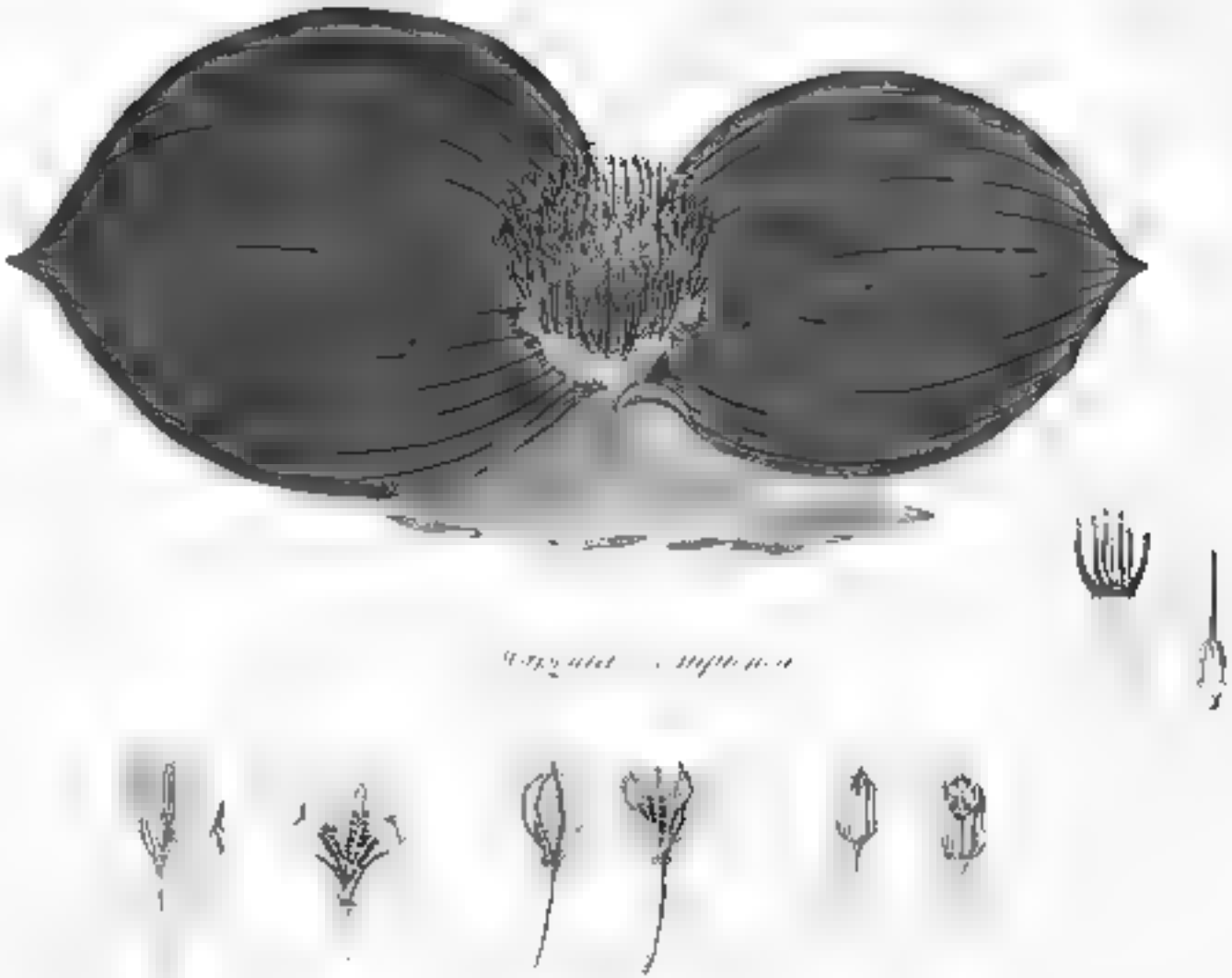

Tab. 1
A. Lacuna complicata



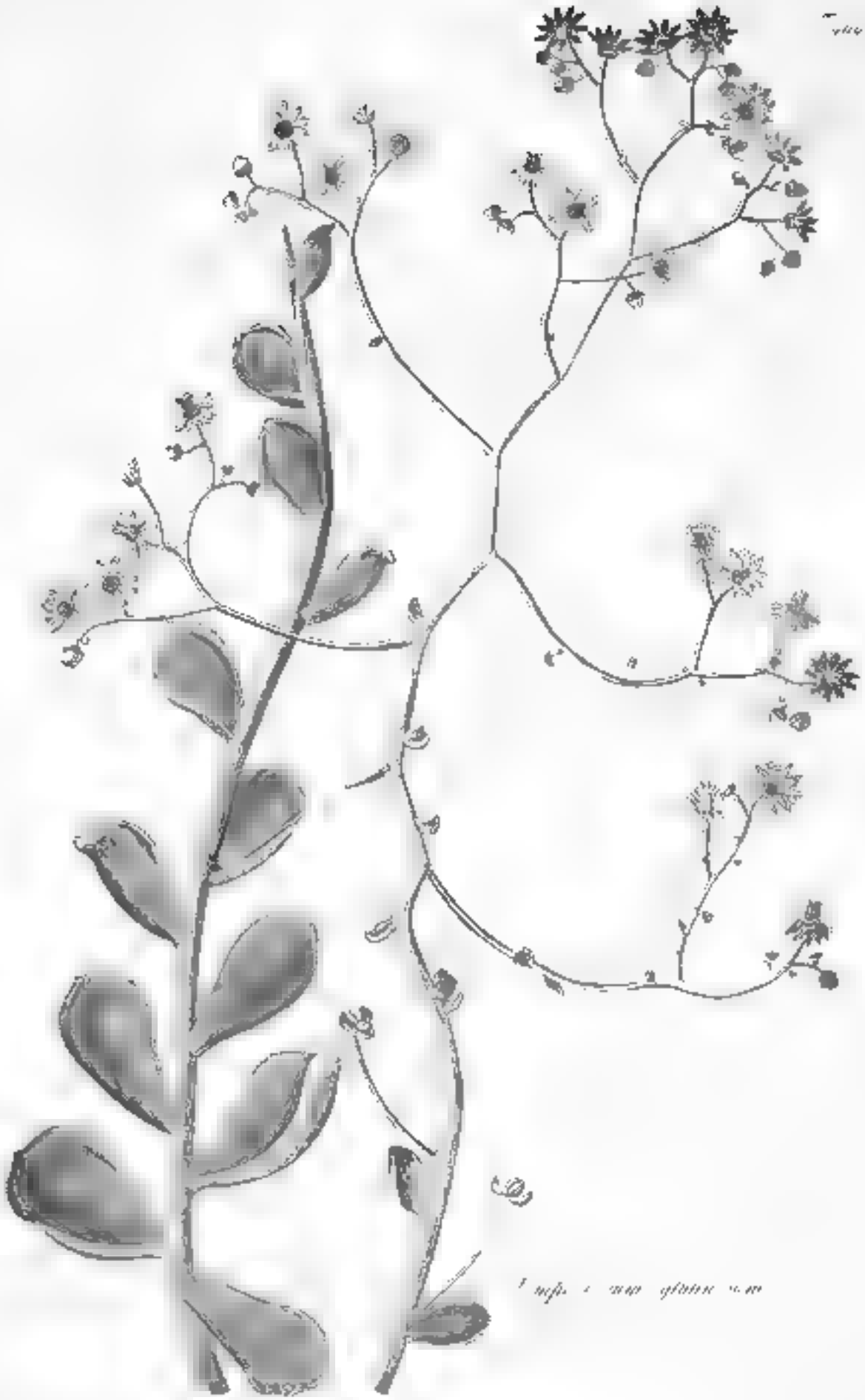




Aspergillus coronatus



Ipomoea Coccinea



Le Pavot de campagne

A. u. ra

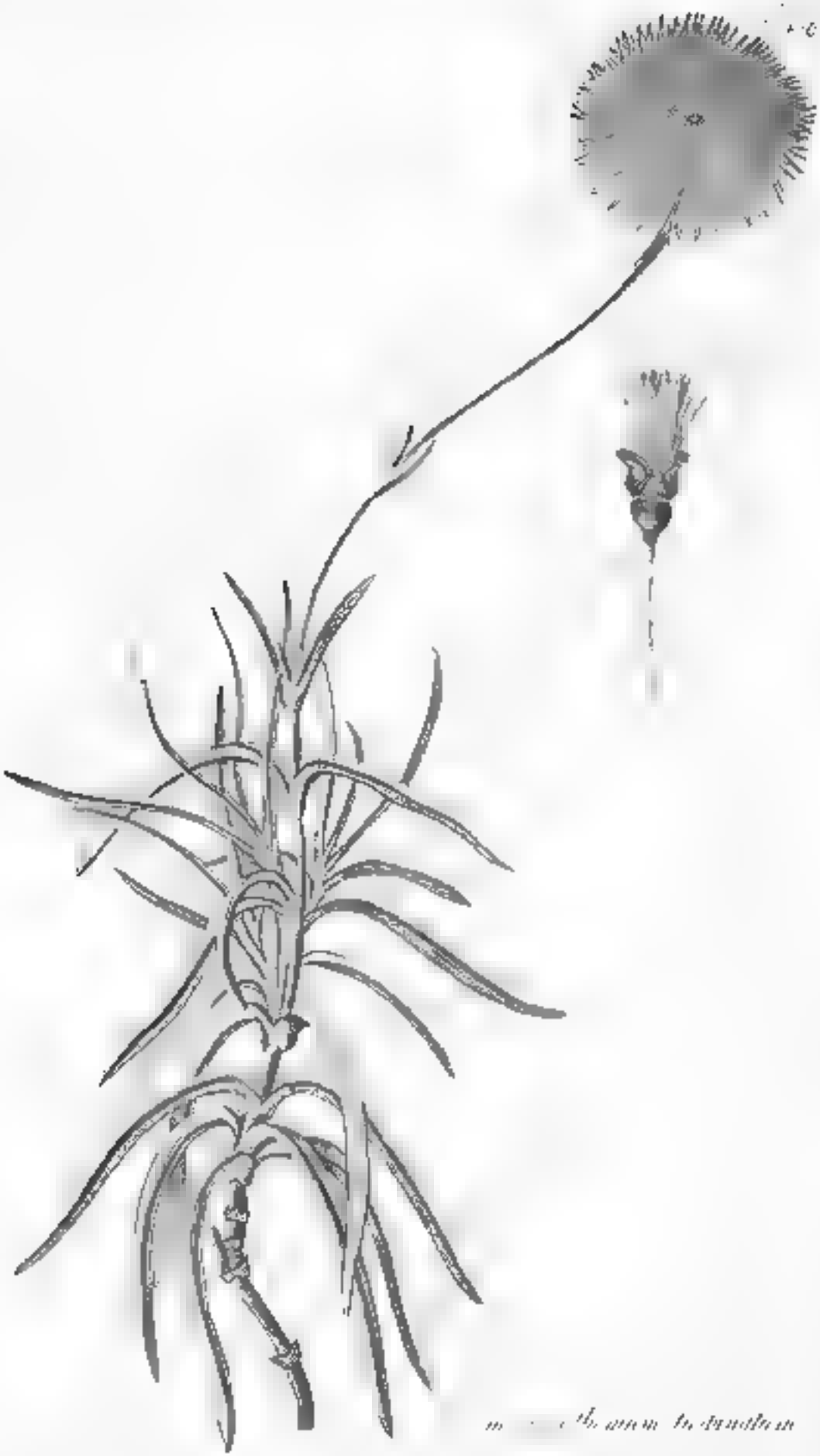
7 m
1°

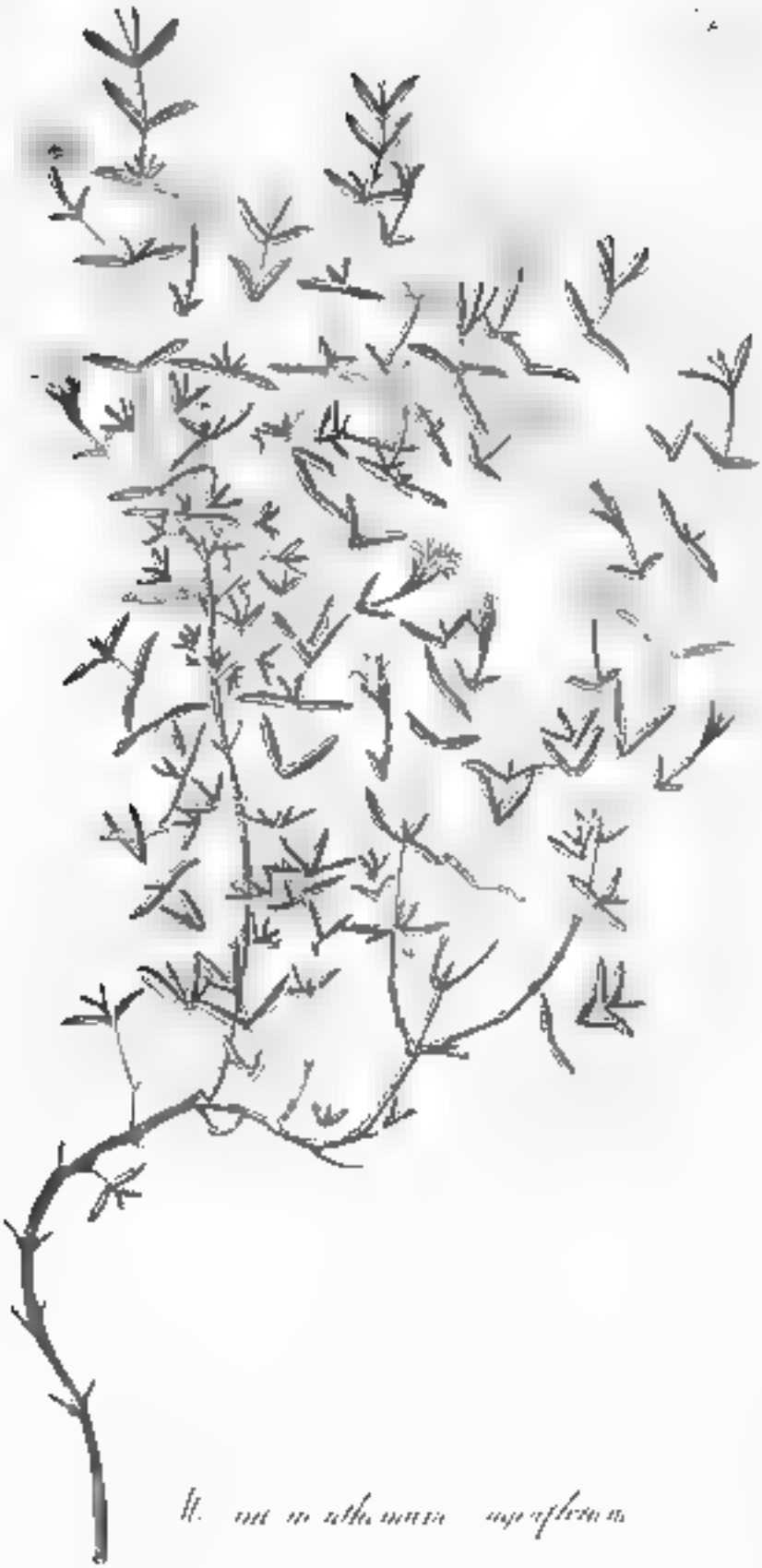
*Cypselea magnicarpa.*

Campanula

Vitalis Ta

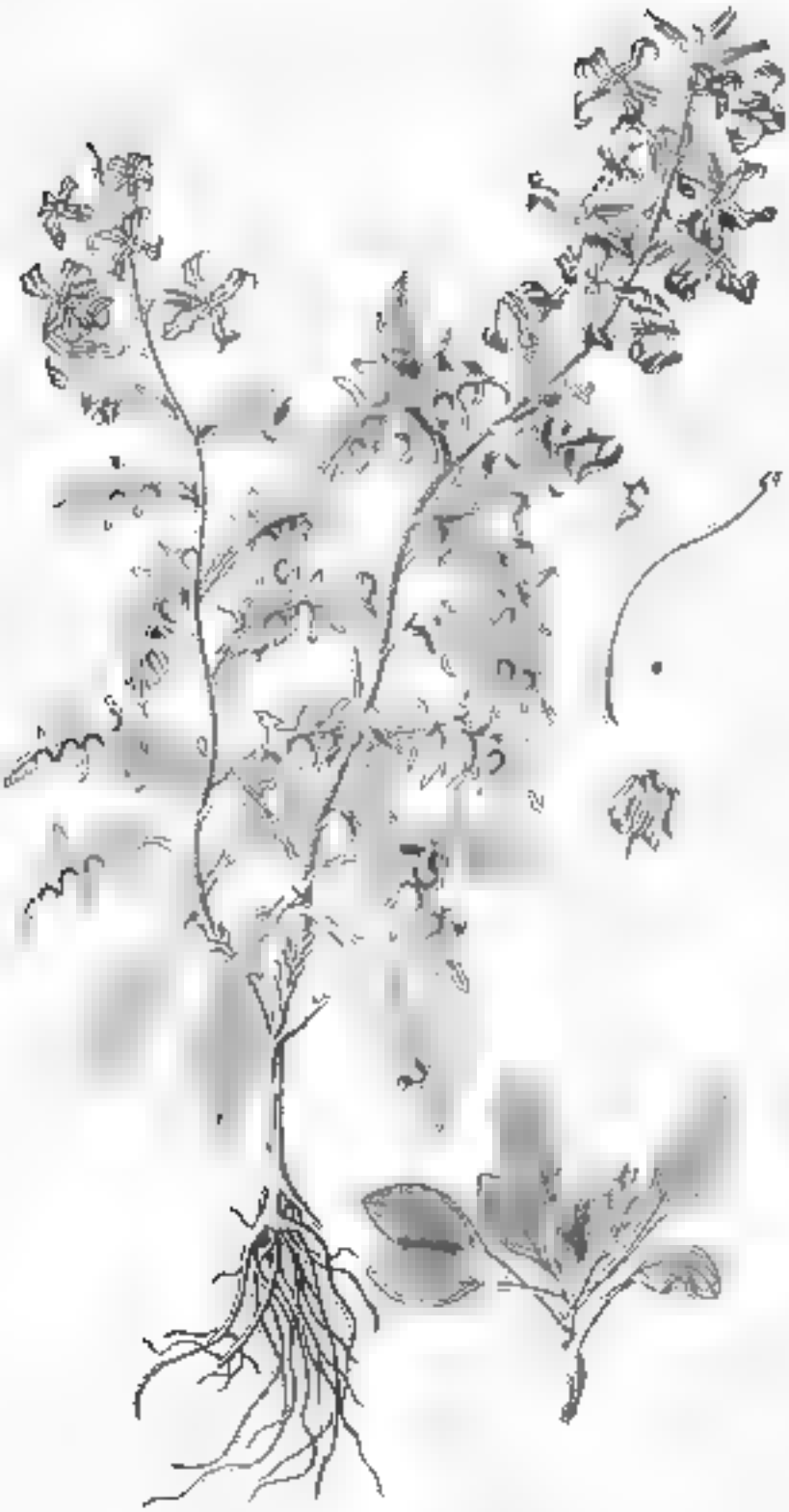
*Hieracium album Jacq.*



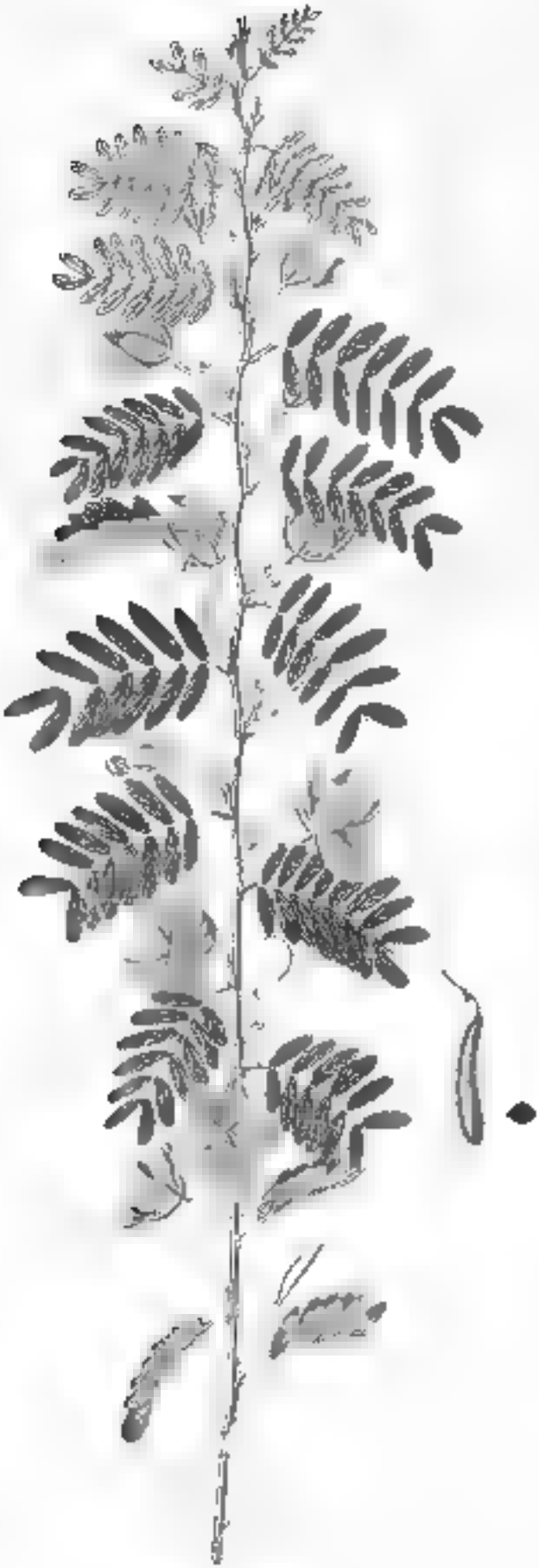


*H. [illegible] [illegible]*

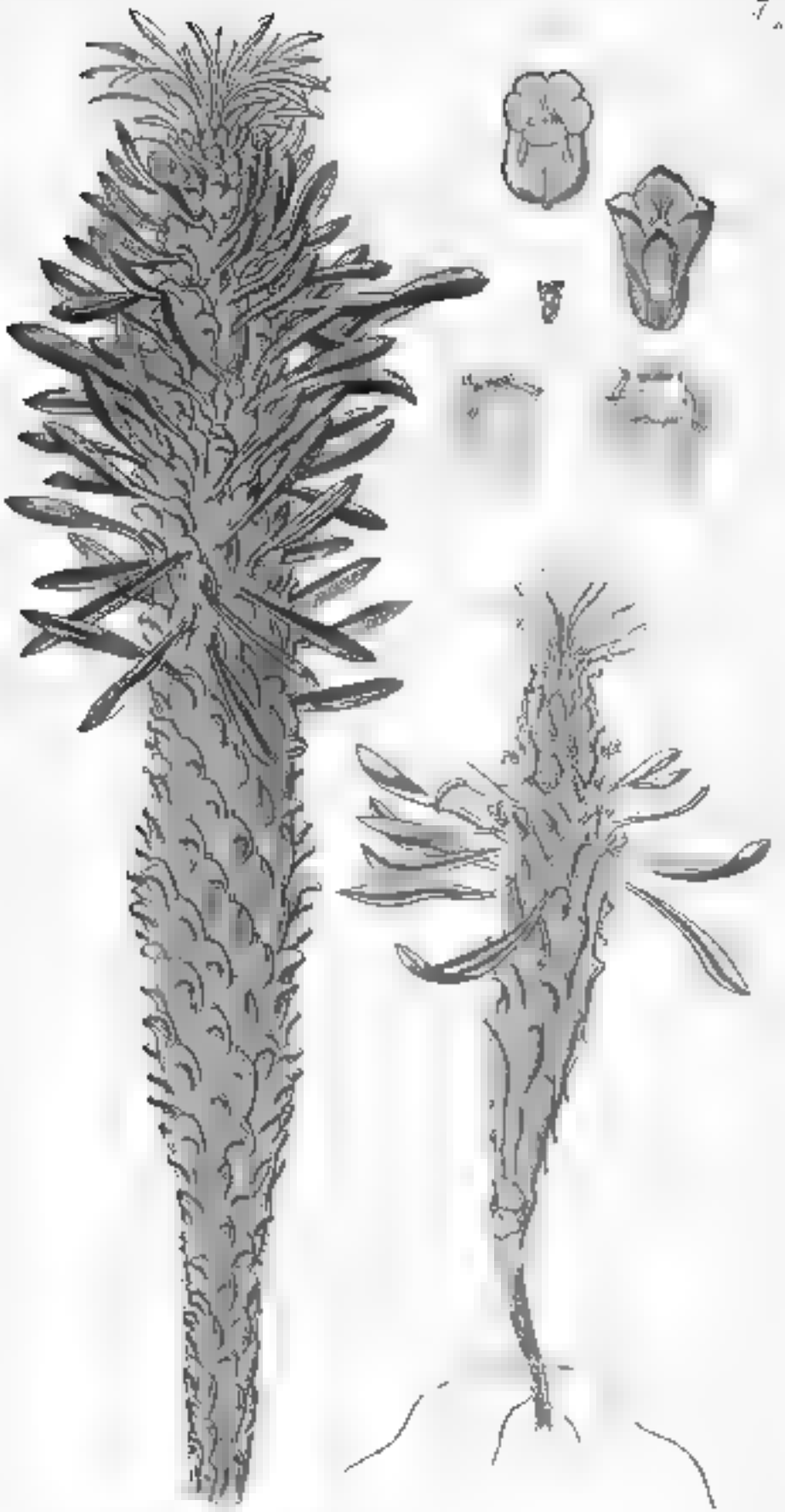
Tab. 8.
Mercurialis annua unisexualis flos.



*Chrysanthemum alpinum*



Cassia bicapsularis

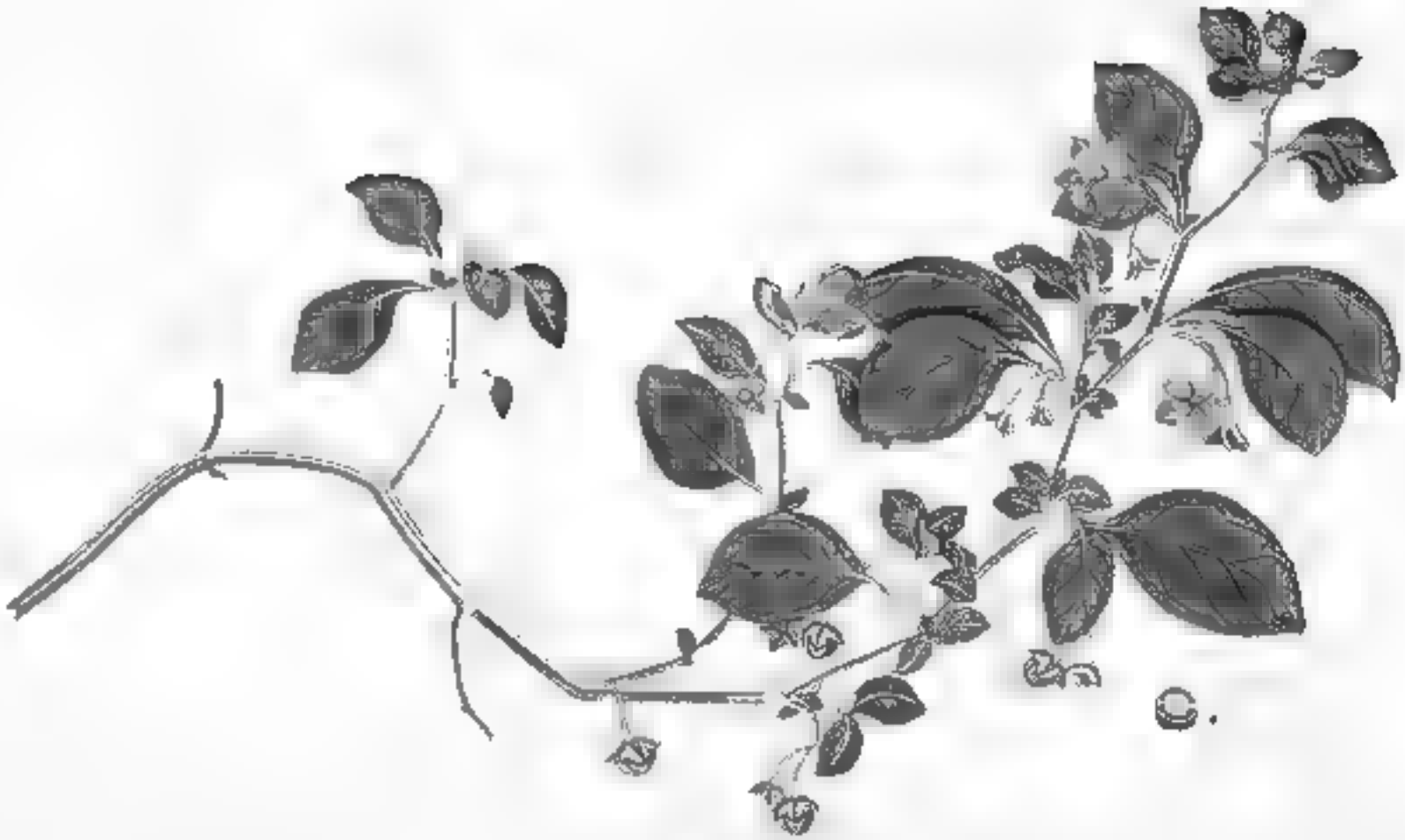


Lycopodium Selaginoides

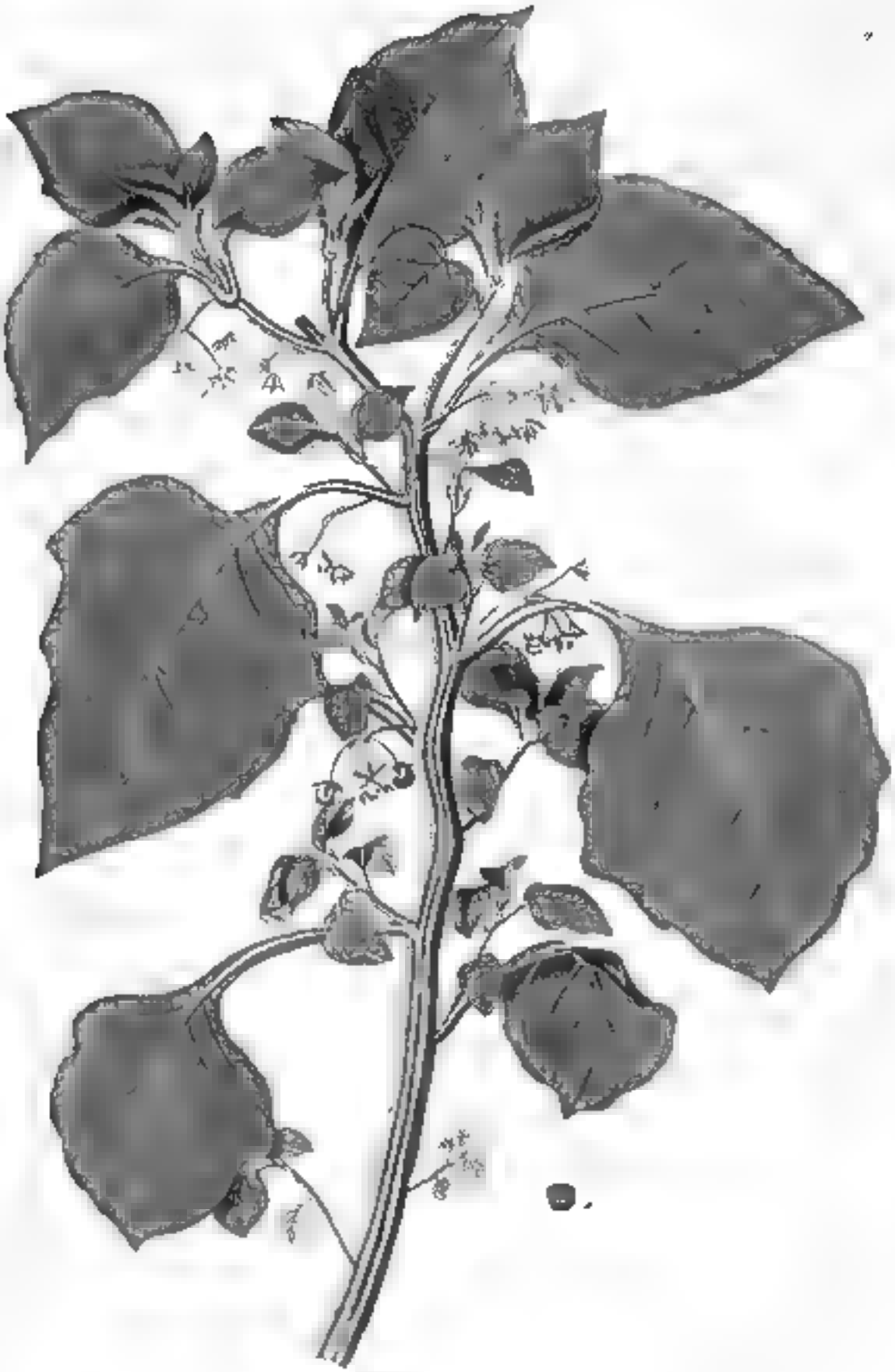
*Myth. Ex. pinnatifida*

*ex herbario Schreberi*

Spiraea lin. [illegible]

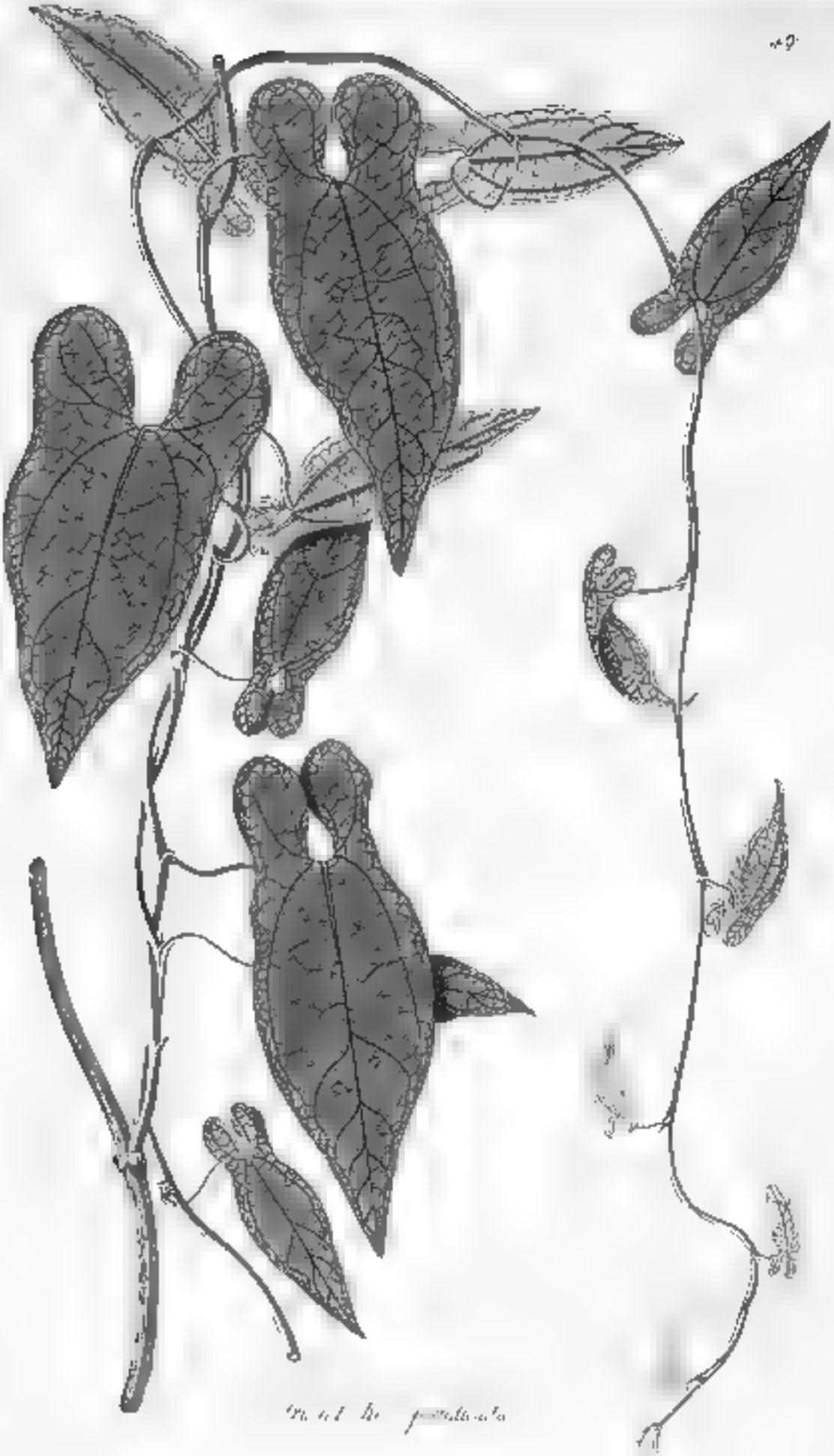


*Thrapo p[illegible]nd*

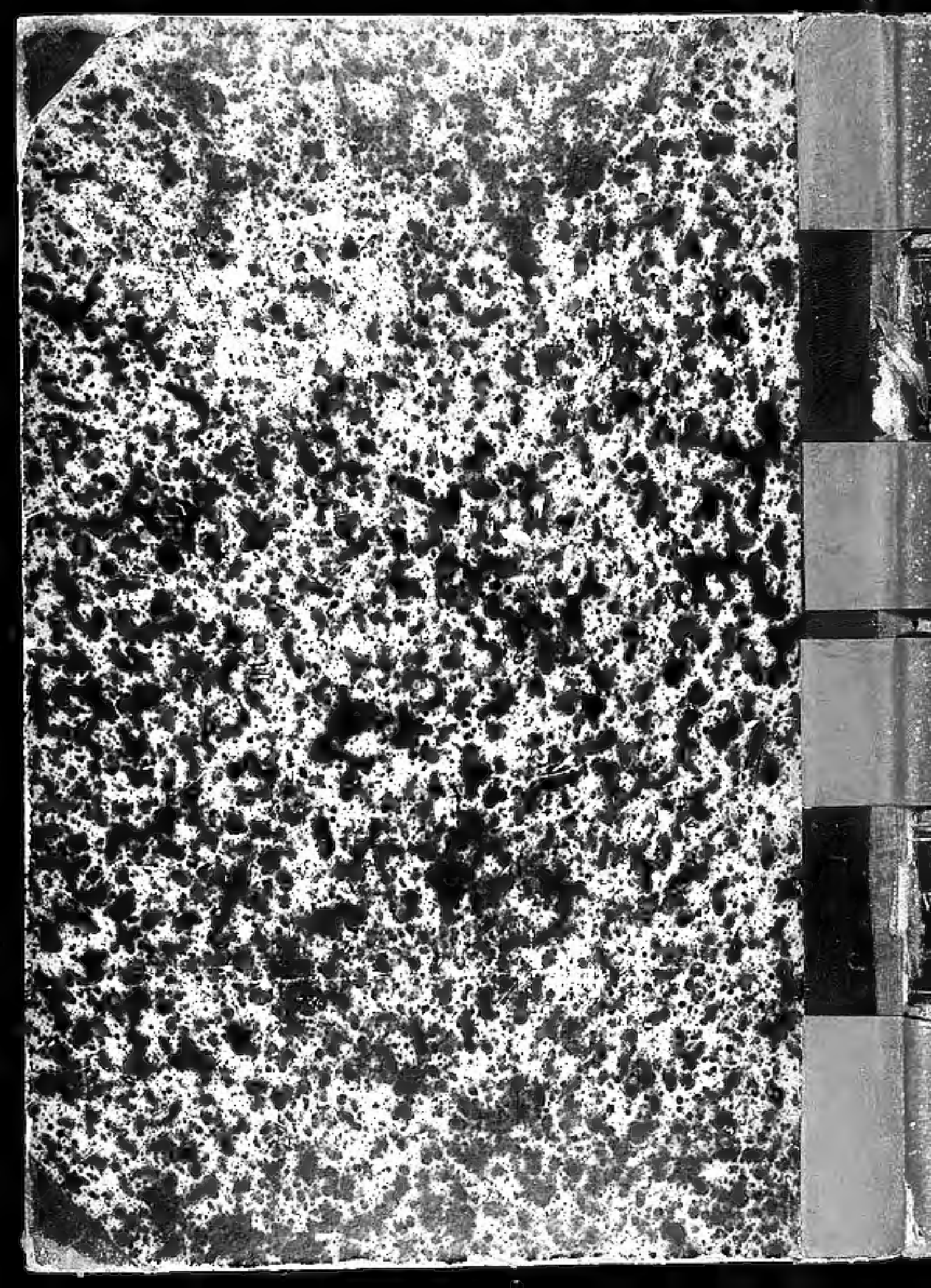


*Mantell*

Crinum adscensionis



Ipomoea pentaphylla

Garden
hoenbr
Jacquin.

VOL. IV