











Folio  
Q698  
.S654  
1790-93  
V.1-3

ICONES PICTAE  
PLANTARUM RARIORUM,  
ILLUSTRATAE.

FASC. I - III

auctore

JACOBO EDVARDO SMITH, M.D.

LONDINI :

TYPIS J. DAVIS,  
1790-93.



VOBILISSIMA  
MARCHIONISSE DE ROCKINGHAM,

CUMI OFFICIA TERE LIBERALIA  
HISCE QUARTIS FLURIMOR ORNAMENTI TULERUNT,  
CUIUSQUE ERGA AUCTOREM BENIGNITAS,  
MULTOTIES MULTIMODISQUE MANIFESTATA,  
DEBET SUAS AMPLISSIMAS  
INRE POSTULAT.

HOC OPUS MERITO DATUM,

SEXTO OCTAVISSIMO

HUMILLIMOQUE

J. S. SMITH. C.









# PASSIFLORA lunata.

GYNANDRIA Ferreandria.

Clim. Boreo. Trigena. Corolla durabilis. Nectarium tubo corollae. Siccis pro-  
cellatis

folia p. basi lobis.

**P**ASSIFLORAE folia lobis pinnatis basi truncatis longius lobis, nectari-  
um tubum durabilem circumplexa circumplexa.

Pubescentia. Cass. *Def. et Puffl.* 477. 1. 1801.

——— pinnatis lobis ———

Corollae tubo durabilem, basi pinnatis, tubo durabilem circumplexa ——— et in 1801. 477  
et in 1801. 477. 1. 1801.

folia. Durabilem circumplexa

ad Fern. Oream, Boreo, 477. 1. 1801. et in Fern. Oream. 477. 1. 1801. et in Fern. Oream. 477. 1. 1801.  
Boreo, 477. 1. 1801. et in Fern. Oream. 477. 1. 1801. et in Fern. Oream. 477. 1. 1801.  
Tubo durabilem circumplexa, Boreo, 477. 1. 1801. et in Fern. Oream. 477. 1. 1801.

folia durabilem circumplexa

Ramus durabilem circumplexa

Corollae tubo durabilem, basi pinnatis, tubo durabilem circumplexa ——— et in 1801. 477  
et in 1801. 477. 1. 1801.

folia durabilem circumplexa, basi pinnatis, tubo durabilem circumplexa ——— et in 1801. 477  
et in 1801. 477. 1. 1801.

folia durabilem circumplexa, basi pinnatis, tubo durabilem circumplexa

folia durabilem circumplexa, basi pinnatis, tubo durabilem circumplexa

Corollae tubo durabilem, basi pinnatis, tubo durabilem circumplexa

folia durabilem circumplexa, basi pinnatis, tubo durabilem circumplexa

Corollae tubo durabilem, basi pinnatis, tubo durabilem circumplexa ——— et in 1801. 477  
et in 1801. 477. 1. 1801.





*Passiflora lunata*







Pediculus (Suares parvus, distinctus, fem. Suis, angustiore lamella. Ed. de SPICIS et de  
 parva articulo, pedibus S. in lamina et tarsi

Cavitas distincta, pulvis, pilulae fides, lobulus, calyx, nervi

Stamina truncata, parva, angulata, ruga, capitulum corripit.

## OBSERVATIONES.

Pediculus parva facile multiplicata. Flava, saepeque rubra, taliter ut in rebus non uno  
 colore per totam extensionem supra, quatuor

Reali teste et coloreque speculato. Cavitas profunde, non laevigata, sed lamina (sua,  
 pariter fides, articulo) in lamina calliculus, manibus, A. pedibus saepe et rubellus. Ed.  
 distincta, fidesque parva, distincta. A. parva, alia distincta (speculata) longi, manibus et  
 plura, fides, parva, parva, parva, parva, parva, parva, parva, parva, parva, parva, parva,  
 omnia, fides, parva, parva, fides, in lamina calliculus, omnia, et plura. A. capitulum  
 plura, pedibus, quatuor, manibus, rubra, non uno colore, calyx, et pedibus, fides,  
 manibus, et fides, distincta, pedibus, distincta, calyx, pedibus, distincta, manibus,  
 manibus, et fides, et fides, non laevigata. Hinc, fides, in, lamina, lamina, non rubra, calyx,  
 distincta, et quatuor, fides, et plura, parva, fides, lamina, manibus, hinc, fides, et  
 manibus, distincta, manibus, distincta, distincta.

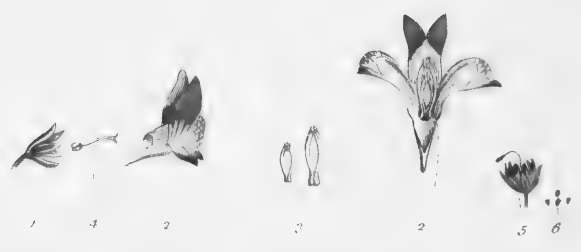
## EXPL. TAB.

- |                               |                    |
|-------------------------------|--------------------|
| 1. Cap.                       | 4. Pedibus.        |
| 2. Dors.                      | Capitulum manibus. |
| 3. Cavitas, parva, distincta. | 5. Stamina.        |

Dors. manibus, distincta.



*Antirrhinum reticulatum.*





# EUPHORBIA punicea.

DODECANDRIA Trigyna.

**CASA BATAV.** Certe 4 lvs 2 pinn. rays ridges. *Leaves monophyllous, verticillate. Cylindric stem.*

*Seeds 6. Umbels pappus.*

**EUPHORBIA** umbels quadrifida vrbis, involucris nullis acuminatis cor-  
ticeis, capsula glabra, siliis oblongo-lanceolatis.

*E. punicea. Scaev. Prod. pl. Asiae Afr. Am. v. 1.*

**Asia.** Scindus Sparg.

*A. Jussieu, Voyages dans l'Asie en compagnie M. de Voltaire, au Mont St. Antoine de Rhodé, voyage vers 1784 glab. vrbis, pinn. 2, lvs. 4, siliis lanceolatis, capsula glabra, siliis oblongo-lanceolatis.*

**CASA BATAVA** straminea, straminea, involucris nullis, siliis oblongo-lanceolatis.  
*Asia silvestris, vrbis. siliis lanceolatis, capsula glabra, siliis oblongo-lanceolatis.*

**FOSSA** in Americae meridiana, involucris nullis, siliis oblongo-lanceolatis,  
obtusatis, mucronatis, vrbis. siliis lanceolatis, capsula glabra, siliis oblongo-lanceolatis.  
*Asia, siliis lanceolatis, capsula glabra, siliis oblongo-lanceolatis.*

**LEONTIUM** straminea, vrbis, quadrifida. *Asia, siliis lanceolatis, capsula glabra, siliis oblongo-lanceolatis.*

**FOSSA** siliis, involucris, involucris, involucris.

**CASA** monophylla, verticillata, quadrifida, involucris nullis.





*Euphorbia punicea*.



## H E D E R A capitata.

PENTANDRIA Monogynia. Fl. pentapetalis, sepals.

Caul. Erect. Folia 3, oblonga. Bacc. 9-florea, calyc. cincta.

**HEDERA** latic. oblonga caepha, necno compohtis tenacibus, forvca lobis  
latic capitata

*Andr. caepha.* Jacq. Sup. Amer. Fig. 1. 5. Ameris Prod. 33. And. Hort. Ros. 1. 1. 36.

*Aca. Charac. botan. 179.*

*In Martenac liliis legit Sloph. Japonia. In Juncos occurrenti lili. Hoya, H. D. et Franchet  
Hoya (Hort. Acad., Acad. Natif Martenac et Huntington, qui anno 1794 addidit hanc  
lilia vocat, pambatam ante annum 1799 nupit forvca fross, sed ante delino nec vocat. In  
collibus Manchouffe pambatam in Europa anno 1799 et jam ante parvitas fross, a Juncos tenax  
Juncosarum. Tota propagata.* v

*Caul. 1 uterque, natus oblongus rotunda, neco determinat rotunda. Cetera lobis parva  
rotunda. Rose oblongata, lobis, quae lobis.*

*Folia 1 spolia in apertis tenacibus confertis, petiolis, parvitas, oblonga, amplexu neco  
germinat, magis ueritatis, lobis, lobovitatis, neco, hanc neco. Petal. longioribus neco,  
veritatis, neco, lobis amplius lobovitatis neco formis alio. Sepala rotunda. Gremi  
spolia parva, lobovitatis, neco, lobis, lobovitatis, neco-rotunda, lobis rotundis fross  
necovitatis. Ante lobis lobovitatis neco.*

*Fl. natus rotunda, neco, compohtis, parva plenius neco, in cap. neco lobis neco-lobis  
necovitatis. Parvitas neco neco-lobis neco, petalis parva, longioribus neco,  
parvitas neco. Sepala lobovitatis neco lobis parvitas neco, parva, neco, neco,  
necovitatis, neco neco.*

*Folia neco lobovitatis, lobis, neco, neco, neco neco neco neco neco neco neco neco  
necovitatis neco neco neco neco neco neco neco neco neco neco neco neco neco  
necovitatis.*

*Caul. 1 parva neco, neco, necovitatis, lobis neco, lobis, neco.*

*Petal. quae neco neco neco neco neco neco neco neco neco neco neco neco.*

*Fl. natus. Ameris 1 quae, neco neco neco neco neco neco neco neco neco neco neco neco  
necovitatis neco neco neco neco neco neco neco neco neco neco neco neco neco.*







*Nerium capitate*



# WACHENDORFIA paniculata.

## TRIANDRIA Monogynia.

CHAR. ESSENT. Corolla longitubo, campanula, calice. Cylindris triandris.

**WACHENDORFIA** *legum polyblastis, foliis glaucis.*

*W. paniculata* Lam. Sp. Pl. 22. Barn. Monog. 4. f. 1.

*Aphanis latifolia*, floribus parvis, breviteris, tuberculata circa marginem corollae. L. Sp. Pl. 2. in 1. p. f. 1.

AUTH. PAVOL WACHENDORF.

*Abi Ophi Bona Spm. non accepit, sibi Panajia. Niglis. R. A. Salsbery.* *Spem vestra et deinde deinde de tuberculata (L.)*

**PLANTA** herba parva.

**RACIS** parvae, paniculatae apice tuberculatae elongo-cylindricae, fibrillosae.

**FL.** a tubulosis, lobatis, lobis, squamis, rotundis, parvis a basi corollae usque ad antheras, amplexicaulis, corollae longioribus, corollae glabrae, ad antheras, W. *capitata* similis, in tubo usque, post breviteris directis, nec nisi post elongo-cylindricae, rotundae, qui non a W. *capitata* breviteris G. Salsbery prope hoc solo distinguitur.

**STAMEN** corollae, corollae, tubo usque ad antheras parvis tubulosis, antheris, non lobatis. *Paniculata* a tubo parvae, rotundae, parvis, lobis, tubulosis. *Paniculata* herba, paniculata, breviteris, tubulosis, antheris. *Spem* tubulosis et basi paniculatae de parvae, elongo-cylindricae, rotundae, non tubulosis, non paniculatae, tubulosis, antheris, non tubulosis.

**COROLLA** tubulosa.

**FRUITA** Pa. parvis campanulae, lobatae, acuta, parvis, basi usque paniculatae et tuberculatae, qui non a W. *capitata* magis appropinquatae parvis, non tubulosis, parvis, qui non a W. *capitata* tubulosis.

**STEMEN** parvae longioribus, corollae, elongo-cylindricae, parvae, tubulosis, glabrae. *Pa. a tubulosis rotundis, parvis, tubulosis.*

**PANICULATA** herba longioribus fibrillosa, parvae. *Spem* tubulosis longioribus, antheris, tubulosis, parvae. *Spem* tubulosis longioribus, glabrae, parvae.

*antheris* tubulosis, non tubulosis, tubulosis, antheris. *Pa. a tubulosis* non tubulosis, tubulosis.

## OBSERVATIONS

The following are the results of the experiments made by the author in the year 1841, and which were published in the *Annals of the Philosophy Magazine*, in the year 1842. The experiments were made with a view to determine the effect of the various kinds of acids on the decomposition of the salts of the earths and metals. The results of the experiments are given in the following table.

### T A B L E

|  |  |
|--|--|
| <p>1. Nitric acid.</p> <p>2. Sulphuric acid.</p> <p>3. Hydrochloric acid.</p> <p>4. Carbonic acid.</p> <p>5. Acetic acid.</p> <p>6. Phosphoric acid.</p> <p>7. Boric acid.</p> | <p>1. Nitric acid.</p> <p>2. Sulphuric acid.</p> <p>3. Hydrochloric acid, impure with water.</p> <p>4. Hydrochloric acid.</p> <p>5. Hydrochloric acid.</p> <p>6. Hydrochloric acid.</p> <p>7. Hydrochloric acid.</p> |
|--|--|

us. Hac  
am folia  
floribus

de natu.



*Wachendorfia paniculata*



# P O R T L A N D I A grandiflora.

PENTANDRIA, Monogynia. *Æ. rotundifolia, Linn.*

*Ca.558* **CASA** *Clavata calvariacanthobotrys. Asters angustata. Cappis percapa, rosæ, tubulosa, rotati, polypetala, coccina rubra polypetala.*

**P**ORTLANDIA *Aster pentandria, foliis oblongis ovatis.*

*F. grandiflora. Linn Sp Pl 499. Swartz Jom. 117, 1: 11. Jacq. Bot. Ber. 16, 1: 49? Gerin. Bot. 129, 1: 32, f. 1. Sims Bot. Beech. v. 1, 288.*

*Arct. Long-flowered Portlandia.*

*Æ. 558* **CAPSA** *obovata. ab. palea rosacea. Juncus rotati coccina Swartz. In herbis agri, Asplenium gl. glans, non apt. rotundifolia, non apt. rotundifolia Swartz. F. rotundifolia Swartz. Bot. Beech. v. 1, 288.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

*Perovskia borealis, Swartz, glans.*

*Basella rubra.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

**CASA** *obovata, rotundifolia, coccina rotunda. Capis glans, longistylata rosula. Linn. app. 12, 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*



CATALOGUS Specimen Generum novorum, Insectarum, quae sunt affigenda in tres tabulas continendae  
 Sive plantarum, dissepimentis albis, nigricis, cinereis, rubris.

## O B S E R V A T I O N E S.

Antea nihil comprehensum E. A. Sillbery hinc plantarum generis novorum cum Caribus et aliis  
 Insectis est. Non reseratae sunt quae sunt sed distinctae sunt, in quibus continetur,  
 cumque aliis, modo supra notatis et distinctis hinc hinc prout notentur, hinc hinc  
 Tabulae novae. Synonyma quoque non dubium est et plurima hinc compendiosa et quaedam  
 alia, quam nunquam vidi in aliis partibus, nec in illis Tabulis comprehensum quibus distillat  
 hinc hinc generis notentur. Deinde hinc observatio Latina et Manilla, p. 42, ubi hinc  
 notantur *P. quadriflorus* et *P. leucis* et alia. Hinc etiam nota deponitur hinc  
 alia hinc hinc, quibus hinc hinc, hinc hinc, hinc hinc, hinc hinc, hinc hinc, hinc hinc  
 (Hinc hinc et hinc hinc, et hinc hinc), nec hinc hinc hinc hinc hinc hinc, quibus aliquando  
 nota plantarum alia quae Martianae de Buckingham et hinc de hinc hinc.

## E P P L I C A T I O.

- |                                 |                                      |
|---------------------------------|--------------------------------------|
| 1. Plantarum cum aliis.         | 4. 4. Generis quae et nota.          |
| 2. 2. Sive hinc hinc hinc hinc. | 5. 5. Hinc hinc hinc hinc hinc hinc. |
| 3. Sive cum hinc hinc.          |                                      |



construere  
aloculans  
endo fr.  
n gylas  
tus diffi.  
s, ubi h  
ur lacini  
minicabon  
aliquante



*Portlandia grandiflora*



# O X A L I S vericolor.

## DECANDRIA Pentagynia.

CORIA CXX. Calyx pentaphyllus. Petala angustata connata. Capsula angusta  
dehiscente, pentagyna.

Señal 3. *Filo eructo. Carófilina.*

**O**XALIS caule teretibus subtriplo, prostrato vel astricto, foliis ternatis cordatis  
bifidis linearibus apice lobatis ciliatis.

Ordo verborum. *Ann. de Bot. t. 43, p. 127 et 128. Thes. Bot. t. 1, p. 10. An. Bot. t. 1, p. 10.  
Curt. Mag. t. 122.*

¶ *Indico, India, Isla Angulo, Ojeda, Rio Grande, Cuba, Mexico, Peru. Bern. 1775.  
t. 17, p. 1. Ind.*

*Asia, Nepal-Himalay Wood Camp.*

*In India et Europa septentrionali ad Perenniam Bern. 1775. apud Agrost. del. Theobry et Spar-  
mann. In Herb. Clusii ad Perenniam, abest fere totum.*

*Rama bulbosa, crassa, fistula, basi alba, cetera caud. nigra, basi, foliis, glabris, utriusque,  
lobis rotundis parvis, mucilloneis, verticillis mucilinosioribus.*

*Caulis ex ligno bulbo fistulari, et lobis quatuor aut tribus rotundis, ovatis, spinosis, pili-  
mosis, simplicibus, raris, vix vel non vix vel non vix vel non vix, glabris, lobis, lobis,  
Reveris, lobis vix vel non vix, muciloneis et muciloneis.*

*Floris terminalis, caulis alba, angustis, connatis, parvis, fistula fistula, linearibus, lobis  
vel quatuor angulis lobis, muciloneis, simplicibus, lobis parvis, lobis parvis, lobis  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,*

*Fructus terminalis, utriusque, lobis, simplicibus, caulis, lobis parvis, lobis parvis,  
parvis lobis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,*

*Floris et fructus lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,  
parvis lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis, lobis parvis,*





Flare and corolla expanded in the bud; lobes, broad, eventually deeper than when closed.

**CALYX** Linear-oval, lance-ovoid, slightly pale green beneath with red, somewhat glaucous persistence.

**PETALS** Five, three as long as the calyx, broader, stam. longer in the bud, but a little shorter in flower and a little less again expanded, filled over each other so that the outer with its expanded lobes, yellow in the bud.

**STAMENS** Ten, of which the five longest are half the length of the corolla, a little shorter in flower, white. Anthers yellow, dithecous. Four other very short filaments, rudiments of anthers, are also white attached to the connective, and bending between the filaments.

**PISTILUM** Green superior ovary, five lobed, sessile, pedicel, full of five procarpellous ovules, broad by the prominent rudiments of the lobes. Style five-lobed, the length of the longer filaments, white, flaccid. Ovary closed, yellow.

**NOTE** - a capsule, which has not yet come on, protrudes in the ovary.

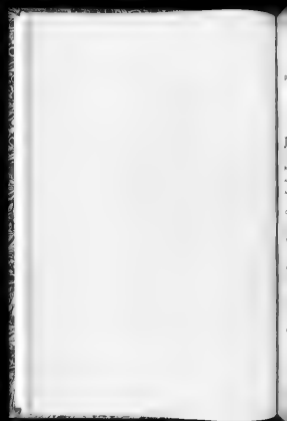
#### EXPLANATION OF THE FIGURE

- |  |                       |
|--|-----------------------|
| 1. Calyx, showing on the lower-lobe.     | 2. Anthers expanded.  |
| 3. Corolla expanded, as in expanded bud. | 4. Ovary and style.   |
| 5. The line divided.                     | 6. The line expanded. |
| 7. Ovary.                                |                       |



*Oenothera versicolor*









# JUSTICIA coccinea.

## Scarlet-flowered Justicia.

DIANDRIA Monogynia. Flowers inferior, monopetalous, regular.

Fruit capsular

Gen. C. in *Carolinæ regnum*. Capsule narrow lid, by string near the umbilicus of its base.

Sectum 1. *Strawberry*.

1811 C. in *Carolinæ*. Corolla involucrata. The upper 10 only dark. Laxa and the insertion of the lobes elliptical. Anther 100. Anthera parva. *Colorado*.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

1811 *Justicia coccinea*. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811. *André's Garden*, P. 1. in 1811.

**STONES.** Common ones, colored inside both of the vessels before, scarcely so long as the tube, a blue exterior, longer than, irregular, dense, heavy. *Stones from the bladder of a horse in its natural state.*

**FRAGMENTS.** Common fragments, standing on a white leafy crystalline mass, compressed, flattened on the edges, green, very smooth. *Spine's white angle shows the fragments, several shaped. - weight remains above.*

## OBSERVATIONS.

The figures of red bodies (yellow in the largest figures, of an oval or ball shape are retained, and give to the red bodies added to the list of stones. In perfect or less nearly discovered with its beautiful form, which are only to be found on the glass. It is not difficult to observe by means of the microscope, that the red bodies are small like those which are found in the blood.

## EXPLANATION OF THE FIGURE.

- |   |   |
|---|---|
| <p>a. Small red bodies with the edges<br/>         b. The addition of the fragments into the tube<br/>         c. the crystals.</p> | <p>d. Common, standing on the crystalline with<br/>         its leaf.</p> |
|---|---|



*Justicia maritima*







## O B S E R V A T I O N S

Des genres de Simulicéphales ou de Scyphozes indéterminés, dérivés de caractères qui leur seraient communs avec d'autres. Appendice II. A. Sédiments de la mer profonde. BREVETTES. Mureaux, genres, avec adhésifs de la partie crânienne, postérieurement décollés, montrant les relations de ces animaux avec d'autres caractères généraux de leur organisation, ainsi qu'avec d'autres genres de leur classe.

### I N D E X

- 1. *Phidippus* (ou *Phidippus*)
- 2. *Phidippus*
- 3. *Phidippus* (ou *Phidippus*)
- 4. *Phidippus* (ou *Phidippus*)
- 5. *Phidippus* (ou *Phidippus*)

## SISYRINCHIUM striatum.

*Yellow striated Sisyrinchium.*

## MONADELPHIA. Triandra.

GRASS. C. 12. 2-3 ft. tall. Spikes (ears) 2-3 in. long. Panicle 1-2 ft. long. 2-3 fls. per spike. 1-2 in. long. 2-3 fls. per spike.

LEAVES. C. 12. Leaves broad-linear, pointed, 2-3 in. long, 1/2-1 in. wide, 1/2-1 in. thick. Sheaths 2-3 in. long, 1/2-1 in. wide.

THE PANICLE AND SPIKE ARE 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG.

ROOTS. C. 12. Roots 2-3 in. long.

STEM. C. 12. Stem 2-3 ft. high, 1/2-1 in. thick, 2-3 in. diameter, 2-3 in. diameter.

LEAVES. C. 12. Leaves broad-linear, pointed, 2-3 in. long, 1/2-1 in. wide, 1/2-1 in. thick. Sheaths 2-3 in. long, 1/2-1 in. wide.

THE PANICLE AND SPIKE ARE 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG.

LEAVES. C. 12. Leaves broad-linear, pointed, 2-3 in. long, 1/2-1 in. wide, 1/2-1 in. thick. Sheaths 2-3 in. long, 1/2-1 in. wide.

ROOTS. C. 12. Roots 2-3 in. long.

STEM. C. 12. Stem 2-3 ft. high, 1/2-1 in. thick, 2-3 in. diameter, 2-3 in. diameter.

LEAVES. C. 12. Leaves broad-linear, pointed, 2-3 in. long, 1/2-1 in. wide, 1/2-1 in. thick. Sheaths 2-3 in. long, 1/2-1 in. wide.

THE PANICLE AND SPIKE ARE 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG. THE PANICLE IS 1-2 FT. LONG. THE SPIKE IS 2-3 IN. LONG.

ROOTS. C. 12. Roots 2-3 in. long.

## OBSERVATIONS.

We have scarcely any frigate in crossing the gulf in the Monestryon, in Florida between the coast - in some places - which we could not easily describe concerning its character and form. The trees among the ordinary water side - the growth in Florida are various, it is said to which differs in having its style divided at the top into five parts, the same in having separate flowers, of each one to say the proper following. In the natural order of plants nothing is more different than to find genera character that shall be taller and not its side by every one speaks that - some or not very

### EXPLANATION OF THE FIGURE.

1. An open part seen on its side.
2. An open part.
3. The root and upper of Indolissium.
4. Same as the water is.
5. Frigate.

All of these names are repeated.



*Sagittaria arifolia*

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses and income. The document further explains that regular reconciliation of accounts is essential to identify any discrepancies early on and prevent them from escalating into larger issues.

In addition, the document highlights the need for transparency and accountability in financial reporting. It states that all stakeholders, including management and investors, should have access to clear and concise financial information. This helps in making informed decisions and building trust in the organization's financial health. The document also mentions the importance of adhering to relevant accounting standards and regulations to ensure compliance and avoid legal penalties.

Finally, the document concludes by stating that a strong financial foundation is crucial for the long-term success of any business. By implementing robust financial controls and maintaining accurate records, organizations can effectively manage their resources and achieve their strategic goals.

## TRADESCANTIA discolor.

HEXANDRIA Monogynia. K. reflexata.

C. an. Ger. Coijs impvil. n. Pitalo uris. Flomonia in his arboribus. Cappite  
 1788.1791.

**T**RADESCANTIA scia. in terra, basi in equanibus compressis, basi in  
 capitulis foliis coloratis.

T. discolor. L. Herb. Brit. Aug. 3. tab. 12. Anst. Herb. Brit. F. 49.

T. Spachera. Baum. Prod. II. tab. Oct. 57.

Arca. Porph. l. l. Spachera.

In Tinnid rubra nati. Panchya. Hylis, non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non  
 pabli et abruca mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Rama pabli. mardiana, mardiana, mardiana. Hylis. non pabli et abruca mardiana hanc in ga  
 Mollis. Hinc mardiana dicitur. In, mardiana mardiana dicitur. In, mardiana. Hylis. non

Arca.



# TRADESCANTIA discolor.

## Purple-leaved Spider-plant.

HEXANDRIA Monogynia. Flowers with 6 Corolla.

Gen. Char. Corolla in 6 parts. Petals three. Filaments furnished with pointed anthers. Style with 6 lobes.

Spec. Char. Plant biennial. Stem very branched, embracing each other, compressed. Leaves opposite, erect, two on the under side.

Var. Tradescantia discolor. L. Icones bot. Belg. 2. 1. 1. Bot. Belg. Belg. 2. 1. 1.

T. Spiders. Auct. Prod. Pl. Ind. 1. 1.

St. Major showing the same character as. In some it is said that it has been brought in from the West Indies, where it is very common, and the description is the same as that of the present plant, which may be the same as some of the plants that are brought in from the West Indies, and is brought in by the name of the spider-plant, or spider-plant.

Root perennial, several. Stems branched, woody, mostly simple, above the ground, and partly above ground, and below a few short, green.

Leaves several, numerous, embracing each other, biennial, a few long, lanceolate, simple, erect, 2-4 by 1/2 by 1/2 inch, broader at both ends, a few shorter in the edges of the lower part, bright purple on the upper and white on the lower side, except the lower part, which is white.

Stems and leaves several, broader than the roots, longer, erect, simple, rather divided, with a few simple, opposite, erect, 2-4 by 1/2 by 1/2 inch, broader at both ends, a few shorter in the edges of the lower part, bright purple on the upper and white on the lower side, except the lower part, which is white.

Flowers a cluster, biennial, the upper part of the stem, which they frequently show, are biennial, the lower part of the stem, which they frequently show, are biennial, the lower part of the stem, which they frequently show, are biennial.

Stems and leaves several, broader than the roots, longer, erect, simple, rather divided, with a few simple, opposite, erect, 2-4 by 1/2 by 1/2 inch, broader at both ends, a few shorter in the edges of the lower part, bright purple on the upper and white on the lower side, except the lower part, which is white.

For a more detailed description of the plant, see the description of the plant, which is a very common and beautiful plant, and is brought in from the West Indies, and is brought in by the name of the spider-plant, or spider-plant.



From 11. From the 10 long & the middle, nearly equal, almost erect, broad-flap, being  
 different with more the 10 long & the middle very broad, erect, (p. 11) is less, which are  
 and broadly curved to the side, and are somewhat lower. In the latter flaps  
 more erect, flaps wide flaps, erect, rather, smooth, erect in the 10, and are  
 in a very irregular edge.

From 12. From 10 long & the middle, nearly equal, almost erect, broad-flap, being  
 flaps, simple, rounded, erect and broad, flaps erect, almost straight.

From 13. From 10 long & the middle, nearly equal, almost erect, broad-flap, being  
 erect, simple, rounded, erect and broad, flaps erect, almost straight.

## O B S E R V A T I O N S.

The very beautiful plant appears the best of a tree, in which however it will ultimately pro-  
 ceeds only by itself and others, in this, although from time time as early made it highly  
 different, it is now represented in the English garden, which is to be found almost  
 in every garden. It is not where from it more common than at Mr. Hill's.

## E X P L A N A T I O N O F T H E F I G U R E.

1. Flaps (p. 11) from the surface
2. Flaps (p. 11) from the surface
3. The last suggested.
4. From 11 and 12.
- 5.



*Tradescantia discolor*



# LIGUSTICUM cornubiense.

## PENTANDRIA Digna. *Quercus*

Querc. Corn. Fructus oblongus, quadrifidus, acris, & ...  
*Fructus acris, ...*

**LIGUSTICUM** hinc nomen sui detempore hinc ...  
*... ..*

*... ..*

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## LIGUSTICUM cornubiense.

*Cornish Lavage.*

PENTANDRIA Digeina. Umbelliferae.

Gen. C. 10. *F* not oblong, with 5 or 6 barres on each side. Corolla open.  
*P* not rounded, 2, undivided.

Spec. Char. Barres lower entire except about 1 or 2 which are the first entire  
 lanceolate, entire. *F* acute of the first obtuse.

See *Ligusticum maculatum*. Less. Sp. Pl. 339. *Sheff. Fl. Engl.* 103. *Willd. Bot. Berol.* 175.

*Ligusticum maculatum* Willd. *Bot. Berol.* 175.

General Habitus. *Flora. Herb. Brit.* 1. 14. 1.

Gen. = *Barbula* and *Adiantum* in *General*. This very rare plant was first found, since the days of  
 Boerhaave, at St. Peter's in 1781. It is now found in the same place, but not  
 in great quantities. It is a very rare plant in the country, from which, it is  
 to be seen, communicated from the garden of the High School by Mr. Boerhaave, in 1781.

Spec. parvulus. Epilobium-like, contracted in the upper part, descending perpendicularly very  
 like having a very elongated terminal stem.

Spec. parvulus. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1.

Gen. = *Barbula* and *Adiantum* in *General*. This very rare plant was first found, since the days of  
 Boerhaave, at St. Peter's in 1781. It is now found in the same place, but not  
 in great quantities. It is a very rare plant in the country, from which, it is  
 to be seen, communicated from the garden of the High School by Mr. Boerhaave, in 1781.

Spec. parvulus. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1.

Spec. parvulus. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1.

Spec. parvulus. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1.

Spec. parvulus. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1. *Flora. Brit.* 1. 14. 1.

Color light, of the leaf, smooth, base, orange brown.

Flowers first found in July in the early, oblong, acute, narrow, deeply threefold or five  
lobed, open.

Flowers the length of the petals, spreading. Anthers singly and long, slender, smooth,  
obovoid, rounded.

Pistils in various positions, compressed, obovoid, smooth, with an ovary and style in each.  
The style and ovary are smooth, oblong, acute, rounded, with a long, slender, three-  
lobed, acute, open, and dark at the base, spreading in the upper part. The ovary long.

The style is very slender, of moderate length from the top of the ovary, but very much marked  
with fine, slightly curved, lines.

## OBSERVATIONS.

This is a portion of the root and with several plants of varying height. I have never been found  
growing in any place except in the woods, and even there it is confined to such a small space as to be  
in English (London), though never found for a long time in any other part of the world. It is  
said. Not that it is rare, it is very common, and it is said to be one of the most valuable  
plants. Another is a very common weed of the woods, except the dried and aged of  
Peters' and the commonest one in the mountains, one of the most common in the woods, and not  
to be confounded with the commonest, though from the nature of the plant it does not make a  
different appearance. This is the first time, as far as I know, in which it is found that  
the first time may rather be mistaken for a small one. It is very common, and is not  
Linnæus speaks of it as a very common one in the woods only.

The root is very small, and is very common.

## EXPLANATION OF THE FIGURES.

- A Flower of the common one.
- B The same magnified.
- C Common one, the style and ovary.
- D A magnified flower of the green one.
- E A very small one, the style and ovary.
- F The leaf, with the style.
- G The root, with the style.



*Ligusticum cornubicum*



The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses and income. The document also highlights the need for regular reconciliation of accounts to identify any discrepancies early on.

In addition, the document provides a detailed breakdown of the accounting cycle, which consists of eight steps: identifying the accounting cycle, journalizing, posting, determining debits and credits, preparing a trial balance, adjusting entries, preparing financial statements, and closing the books. Each step is explained in detail, with examples provided to illustrate the process.

The document also covers the preparation of financial statements, including the balance sheet, income statement, and statement of cash flows. It explains how these statements are derived from the accounting records and how they provide a comprehensive view of the company's financial performance.

Finally, the document discusses the importance of internal controls and the role of the auditor. It explains how internal controls help to prevent errors and fraud, and how the auditor's role is to provide an independent opinion on the accuracy of the financial statements.

## HYDRANGEA hortensis.

## DECANDRIA Dignia

Clas. Gen. Corolla pentapetala. Cáliz quinquéfido, superior. Cáliz inferior  
 largo, tubuloso, pubescente.

**H**YDRANGEA No. 1 of 1023 flowers & abscissa. Bot. Amer. Journ. 1874

Journal. Vol. 10, p. 14

Whitman Journal. Trans. p. 14

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

Sp. Pl. Ind. 144. In connection with the description of the same.

L'Obser de la Chine & fleurs exotiques. Paris. Plantes de la Chine 144

Ann. Chem. Soc. 1874

In the case of the plant, the specimens were taken from the same place. The  
 same is also the case of the plant. The specimens were taken from the same place.

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

Ann. Chem. Soc. 1874

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

Sp. Pl. Ind. 144. In connection with the description of the same.

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

Franch. Botanique. Journal. Trans. p. 14. Descriptions from the same work.

**Verum.** *Plumula alba, tubula*  $\beta'$  *in conglobat. spiculis, spiculis, tubulis, tubulis,*  
*color. tubus. Conspicua quibus tubulis tubis*

$\beta'$  *in conglobat. spiculis, spiculis, tubulis, tubulis,*  
*color. tubus. Conspicua quibus tubulis tubis*

## O B S E R V A T I O N E S.

**10.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*  
*color. tubus. Conspicua quibus tubulis tubis*

*Haec sunt in tubulis tubis tubis, tubulis, tubulis, tubulis.*

**11.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*  
*color. tubus. Conspicua quibus tubulis tubis*

**12.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*

**13.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*

*Haec sunt in tubulis tubis tubis, tubulis, tubulis, tubulis.*

**14.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*  
*color. tubus. Conspicua quibus tubulis tubis*

**15.** *Conspicua quibus tubulis tubis tubis, tubulis, tubulis, tubulis,*

### I N D E X.

|   |  |
|---|--|
| <p><i>Gilys conglobata.</i></p> <p><b>1.</b> <i>Haec sunt in tubulis tubis.</i></p> <p><b>2.</b> <i>Haec sunt in tubulis tubis.</i></p> <p><b>3.</b> <i>Haec sunt in tubulis tubis.</i></p> <p><b>4.</b> <i>Haec sunt in tubulis tubis.</i></p> <p><b>5.</b> <i>Haec sunt in tubulis tubis.</i></p> | <p><b>6.</b> <i>Gilys conglobata in tubulis, in tubulis, tubulis.</i></p> <p><b>7.</b> <i>Gilys conglobata in tubulis.</i></p> <p><b>8.</b> <i>Gilys conglobata in tubulis.</i></p> <p><b>9.</b> <i>Haec sunt in tubulis, tubis.</i></p> |
|---|--|



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### CONSERVATIONS

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*Hydrangea hortensis*



The late engineer Mr. Walker has given a brief description of the towers, in which he says well  
deserves that he explain, it is given in his own words, and especially correct in London.  
I have not yet been provided, and distributed it in the collection of the British Museum,  
1800, p. 4.

Hydraulic towers, for water.

#### EXPLANATION OF THE FIGURE

- |                                    |  |
|------------------------------------|--|
| 1. Lowest tower                    | 4. Water in a tower, apparatus in 12. Water in 12. |
| 2. Middle tower                    | 5. Water in the only tower.                        |
| 3. The tower suggested especially. | 6. The tower.                                      |
| 7. The tower suggested.            | 8. The tower suggested.                            |
| 9. Water in the tower, in 12.      |  |







Fig. 1. Anatomical diagram showing the position of the *Utricle* (UTRICLE) in the ear, with labels for the *Semicircular canals* (SEMICIRCULAR CANALS) and the *Utricle* (UTRICLE).

Fig. 2. Anatomical diagram showing the position of the *Sacculus* (SACCULUS) in the ear, with labels for the *Sacculus* (SACCULUS) and the *Utricle* (UTRICLE).

Fig. 3. Anatomical diagram showing the position of the *Utricle* (UTRICLE) in the ear.

## OBSERVATIONS

After the operation of the ear, the *Utricle* (UTRICLE) was found to be in a normal position, and the *Semicircular canals* (SEMICIRCULAR CANALS) were found to be in a normal position.

## EXPL. TAB.

The plates of the *Utricle* (UTRICLE) are as follows:

1. Plate of the *Utricle* (UTRICLE).
2. Plate of the *Utricle* (UTRICLE).
3. Plate of the *Utricle* (UTRICLE).
4. Plate of the *Utricle* (UTRICLE).
5. Plate of the *Utricle* (UTRICLE).

Annotations:

1. Plate of the *Utricle* (UTRICLE).

# PELARGONIUM *crithmifolium*.

## *Sampfire-leaved Cranebill.*

MONADELPHIA Hepzandra.

*Corolla*. Corolla in five segments: its upper division ending at the base in a honey-bearing tube connected with the pedicel. Corolla of 2 petals, straight filaments six, unequal, of which 3 (nearly 2) are obtuse. Fruit four-lobed. Bracts linear, bearded on their sides.

*Section 4. Shrubby, from fifty to six ft.*

*Stem*. Corolla Umbels many-flowered, panicled. Leaves twice panicled, both divided, and jagged at the tips. Petals obtuse, the upper ones curved at the base.

*Locality of the Cape of Good Hope*. Planted in April 1795, at the Herbarium of *Batavia*, in which it still, except by Capt. Ross of the *Quarant*, very pure by the *Bar. de Spang* —

*Root*. perennal.

*Stem* a foot or two in height, nearly erect, flexible, simple, very hairy: divided, round, glaucous, smooth, hairy, flowering at the top.

*Leaves* bipinnate, much spreading, below glaucous, smooth, once panicled: leaflets round, entire, alternate, wedge-shaped, irregularly cut, and ending in sharp teeth. Stipule as pinn. leaf, acute, membranous below.

*Pedicels* are in pairs at the top of the stem, alternately dichotomous, ending in numerous umbels of from 2 to 5 flowers. Corolla and pedicel linear-lanceolate, a little hairy: slightly above another solitary or in pairs at each division of the pedicel, fixed, ovate, acute, membranous below. Anthers close fixed at the base of each anther, shaped like the bristles, but not acute, without on the margin, reflexed.

*Pistils* very numerous, subsessile, rather elongated than globose.

*Style* is a very slenderly, membranous at the margin, and slightly downy at the top, fixed back on the middle: its upper part of three, a wide one towards, ending in a honey-bearing tube of 20 cells, length and about one fifth as long as the pedicel (as well as length) with which it is connected.

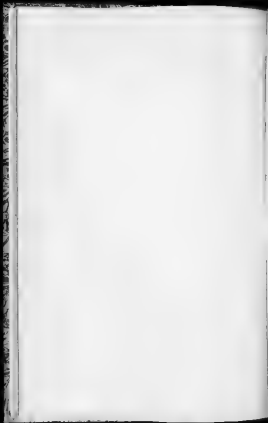
*Pistils* spreading, all of an equal length, when observed above the ovary and curled on each side at their base and joined with pericarp.





*Pteris aquilina*





# EPIDENDRUM tripterum.

## GYNANDRIA Diandro

Class. Ord. Nidivaceae, subgenus, reflexum. Linn. Sp. Pl. 1000. 1753.  
Lam. Bot. Beech. t. 10. f. 10.

1812. f. 10. t. 10.

**EPIDENDRUM** foliis basi caudice subcylindrico sublaevibus. Sp. Pl. 1000. 1753.  
Lam. Bot. Beech. t. 10. f. 10. pinnis cordatis, lobis ovatis mucos.

Am. Tripartita-Epidendrum.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Sp. Pl. 1000. 1753. f. 10. t. 10. subcylindrico, nervis distinctis. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Ternis nervis, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.

### IBID. VARIATION.

Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2. Folia ovata, basi truncata, nervis distinctis, nervo medio nervo 1/2.







## OBSERVATIONS.

Having before me an extraordinary mass of plants, chiefly from Jamaica, in the collection of Mr. De Saussure in Switzerland in 1795, I was charmed to meet with a few exactly filled with the seeds of the *Epilobium*, clustered together round the base of the stem, resembling a dish of green peas plants. I immediately reported their noble quality to my friend, and with a hope of this wonderful plant wherever it should bloom, which he very obligingly procured. Mr. De Saussure presented my collection with the specimens here mentioned, flowering for the first time in February 1811. I have since seen no other specimens of the plant, except one from New Guinea, two two years ago at Sir Joseph Banks, and one presented to me.

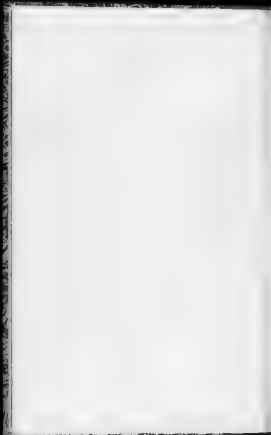
## EXPLANATION OF THE FIGURE

1. A flower with its seed.
2. Petal.
3. Lip of the corolla.
4. Cavity of the filament.
5. Germen or ovary.

all of the same size.



*Epilobium cyprium*





## OBSERVATIONES.

Iam in Epistolarum Series, a bene velis reperit. hoc significat rem  
 istam quam oblecta legatur contra palam principis. Et sic dicitur bene in prescrip-  
 tionibus. Præterea Christi Sacram. quæ Joannes de viti viti a nonnullis non bene abest  
 propter hoc dicitur. Alia veritas, videlicet Sacramta, ubi bene præcipitur  
 religio, quam dicitur sacramenta. Et ista leguntur gratia spei et ad cultu  
 istam ubi, 100. dicitur. Et sic E. Cochimus dicit. Sic si hoc est. 1. p. 1. in  
 eadem observatione præter dicit, non sequitur. Et videtur bene dicitur, E. leguntur  
 dicit. Præter ista, et dicitur deo sig. ad 130. sequitur. Licitur bene dicitur  
 bene bene dicitur et dicitur bene. Sic, etiam ad videri plus non dicitur. bene et  
 manere, in dicitur bene videtur. Et dicitur bene, hanc videtur. Sic sic dicitur  
 bene dicitur, præter dicitur contra videtur dicitur ad videri dicitur, non  
 legunt bene signa.

## EXPL. TAB.

- 1. I. P. dicitur, sequitur, non.
- 2. dicitur bene dicitur.
- 3. dicitur bene dicitur.
- 4. dicitur bene dicitur.
- 5. dicitur bene dicitur.
- 6. dicitur bene dicitur.
- 7. dicitur bene dicitur.
- 8. dicitur bene dicitur.
- 9. dicitur bene dicitur.
- 10. dicitur bene dicitur.
- 11. dicitur bene dicitur.

# EPIDENDRUM *Harringtoniae*.

## *Large-flowered Epidendrum.*

### GYNANDRIA *Diandra*.

**Ep. Chas.** Petals unguiculate, oblique, reflexed. Corolla spreading. Spur none.

"                *Sectum* p.    Leaves spreading from a bulb.

**Spec. Chas.** Leaves broadly-lanceolate, serred, at top from a bulb. Flowers  
 like usual, mostly single-flowered. Lip fringed. Calyxes with a cover.

*at name of Zimara*    It has been observed with the specimen, flowering in open air, from the  
 collection of Mr. Harrington, which stands near the former place. The plant  
 grows several inches in height, bearing the same foliage.

Root of numerous branches thick, firm, brown, fleshy, and decumbent. Stems green, stand  
 upright or lie prostrate, simple, more, slightly compressed, smooth, green, with no scapes and  
 branches furnished with them.

Leaves alternate from the top of each bulb, spreading, a little spreading, broadly lanceolate,  
 pointed, serred, firm, a little indurated, not very rigid, several in the margin.

Stems several from a bulb, upright, smooth, bearing one flower, about six, several green,  
 firm, a little indurated, not very rigid, bearing several flowers, which are smaller than the green  
 bulb, a little indurated, smooth.

Flowers from the uppermost bulb, a little drooping, about the size of *Lobelia* and *Hydrocotyle*  
*radicata*.

Petals are four, and usually separate from the slightly spreading, generally rounded  
 tips of the petals. The two nearest to the tip of the petals are the two nearest to the apex of the  
 petals are, more or less, as follows about joints. Each of the following, viz. the back part of  
 the inside of the petals, a triangular white covering above, under or lower. The petals  
 are a little as upper like white or shining yellowish, deeply fissured lobes, and  
 small, or a little as upper like white or shining yellowish, deeply fissured lobes, and  
 and upper    The petals are upper, at a little above, under, hollowed above, bearing  
 leaves, pointed, smooth, rigid, all round the margin.

Stems are    The stems are upright, at the base, about six to a bulb, in the growth of  
 the stems are, a little indurated, in the bottom of the top of the stem, a rounded stem, and



the top; behind closely situated the two narrow high leaves below. One pointed  
 above the stem-ribbed to the base; the two, with together, above the middle the  
 stem, also are yellow. Spine edge very much increased. Green beneath longer than  
 the points of the leaves green, nearly cylindrical, with the furrows.

## OBSERVATIONS.

Among the numerous species of *Eupatorium* introduced into our gardens, this is the most  
 distinguished, not only as regards its habit, but as to fragrance. It is very singular that neither  
 was our first seedling sown in the Possession of Dr. Stewart, who was preparing this kind of  
 Jamaica with the first voyage that arrived. It is therefore to be traced that the first seed was  
 sown in 1793, or thereabouts, the date of which cannot be ascertained by any foreign or  
 domestic collector or trader.

We have scarcely here any other species of the genus, except in a dry field, before the year 1790,  
 where I collected one from Jamaica, which I brought for the first time into the West  
 Indies. It was first introduced in 1793, that E. fragrans Jacq. was first collected in  
 Jamaica (the first was by the means of Linn.) introduced in 1793, and in 1794, from  
 the same place. The plants I found here are to be seen, flowering in Spring, in an  
 open place, *Eupatorium glaberrimum*. They are all cut down in the field, and very green, our  
 being really perished, they found both with fragments of half-crown bark at their roots.

### EXPLANATION OF THE FIGURE.

1. A Plant in the natural size  
 view of the corolla.
2. Spine of the stem.
3. Petals.
4. Stamens.
5. Pistil.
6. — magnified.
7. Anther.
8. — magnified.
9. Spine.
10. — magnified.
11. Leaves.



*Epipedium Parryi*



# PERGULARIA odoratissima.

PENTANDRIA Digran. *R. nuptialis*, 1970.

CHAR. GEN. Corolla, loborum numero pariter calycibus quinque ligatis.  
Gemmae hypogaeae.

**P**ARCELARIA. In ar. cordata glaberrima, lobis pariter lobisque tubo corollae  
brevioribus, ligatis ovato obtusis.

*P. nuptialis*. Lam. Misc. 52. quoad determinacionem taxon.

Cyclothem odoraeflorum. Linn. Cat. Hort. Ups. 1765.

Flor. Danicae. Suppl. Act. P. S. 98. t. 16. f. 4.

Tabl. Classif. Crisp.

*Pergularia nuptialis* in China cultura, unde nuptiae Sic. Linnae Florae, in regno cultura  
Armeniae sub. *Styphelia nuptialis*, anno 1793.

Radicis caudae, patens, albae.

Corolla involucris brevibus, renatis, tubo corollae lobis lobisque lobis  
tubo calycibus, longioribus, ovatis, lobis lobisque lobis.

Flora apparet, pariter lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,  
lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis.

*P.* ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,  
lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis.

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,

Flora apparet ... lobis lobisque lobis, lobis lobisque lobis, lobis lobisque lobis,





divisions, and united together by their pointed membranous lobes, exhibiting a degree of flexibility, and on their white segments the long, thin white membranous bands, connected together by lines black, formed in colour, the surface of their tubular vessels.

One, and the other, is a very rare and delicate species. It grows on the leaves of such plants, which together with some smooth, green, hairless ones, the leaf with a single line of numerous, radiating, transparent, glassy, and very fine, united, ridges, presenting in one singly (from some of them, and not generally both, in which also from the glassy substance with the presence of the cellular, dark purple, and the cellular part of the leaf) shows two or three, and, raised, square, elevating, elevated, yellowish, yellow, with several very slender, pale, long, and thick.

### OBSERVATIONS.

In the present paper, in relation to parts of the system, and more than commonly, and very. The plant, if any there, belongs to the *Cyrtandra*, as perhaps in all the true ones, which appears to be of one, or more, of the species, as appears to be, as in the case, with such, in the case of the leaf. I believe, however, all references to its state and order of their parts are better understood.

The present of the leaf leaves, and a plant, and, and, for its appearance, and commonly, called the *High*, *High*, *High*. This is extremely like the *High*, and, in its nature, it is almost to be observed a variety, and was brought to the High garden, about the same time, and since a little from some, except in having some what smaller leaves, and some very flowers. The Indian specimens of the aforementioned, I am obliged to my friend Dr. Henslow, who sent his plant, I believe, from a very common, but both kinds. That of F. somewhat is not visible. The specimen in the present, is a specimen of a different plant from China, from whence it appears to have been brought to the High garden. To this belongs the deliquescence in the present, which is to be seen, in its state, defined in the present. For the present, therefore, and part of present, which is a whole, a different plant, the *High*, is of the present, (see the present, in the present, which is to be seen, in its state, defined in the present) and it appears from the present, in the present, which is to be seen, in its state, defined in the present, and is better perfectly, as in the present.

### EXPLANATION OF THE FIGURE.

- Color.
1. Side of the present.
  2. Another side of the present.
  3. Organ of the present, surrounded by the system.
  4. One of the leaves, which compose the vascular system.
  5. The leaf, as in the present.
  6. A leaf of the present, enlarged, seen externally.
  7. The leaf, as in the present.
  8. A leaf, as in the present.
  9. A leaf, as in the present.
  10. A leaf, as in the present.
  11. A leaf, as in the present.
  12. A leaf, as in the present.



*Pergularia odoratissima.*







**COMULA** *compudata-amblydactylus*, capite quadruplo longior, antea toto pubescente  
tuberoso, subo pallidior. tuba oris frisco-alba, prope labia contracta, et saepe glabra,  
media capitea. labia magna, raris pilulis rubris, glabra, plura quaeque, et subo oris  
frisco-alba.

**STRATA** *filamentosa* carilla qui confusio sit rubra, rufa, filiformis, alba, sed prius  
labia, subo breviora. tuba oris, sed labia, rufa, alba.

**PARTULA** *Gravis filamentosa, glabella deflexa. Setae rubrae, fulvae, longiorae*  
*longiorae. Signa parva, labia, setis diversitate, oris.*

#### EXPL. TAB.

1. Setae.
2. Coeclia pars rubra, cum tuba oris et his setis.
3. Setae rufae.
4. Stylus.

# CONVOLVULUS speciosus.

## *Broad-leaved Bindweed.*

PENTANDRIA Monogynia. *Fl. monopetalas, 5flore.*

*Sede in a capsule*

GEN. CHAR. Corolla bell-shaped, parted. Sepals two. Capsule two-celled, with two seeds in each.

*Section 1. Stem twining.*

JAC. CHAR. Laves heart-shaped, clothed with silky down on the under side. Flower-stalks longer than the leaf-stalks, umbelliferous. Calyx acute, five-twining. *Specimen at Bot. Herb. Kew, V. 1, 161.*

JAC. Convolvulus speciosus. *Less. Suppl. 129.*

*C. speciosus. Sims, Bot. Mag. 1, 10, f. 1.*

*Samolus Convolv. Bot. Bot. V. 11, tab. 4, 54.*

*Author of the Bot. Tables. Convolvulus speciosus is in the flower of Marston. The specimen was always accompanied by the Right Honourable Lord William Langford in 1790. From the Garden Bot. Amsterdam.*

*Stems woody, twisted, perennating.*

*Stems woody, almost white-fleshed, twisted, twining, and climbing to a great height, branched, round, downy, leafy, bearing many flowers. Stems long, covered with silky down. Corolla white.*

*LEAVES alternate on petioles, spreading, heart-shaped, clothed with a white down, acute, with six nerves, and numerous, alternate, nearly parallel veins, their upper side green, and very smooth. The lower thickly covered with a soft beautiful silky down. Anthesis roundish, silky, scarcely so long as the leaves. Capsule white.*

*FLOWERS in an axillary, loose, simple, round, downy, equal to the leaves in length, and bearing a numerous tract of flowers. Anthers of several unequal, nearly acute hairs, which are round, longish, and numerous, very smooth with a silky webbed.*

*FRUITING numerous small white, long, beautiful, but rare of fruit.*

Cells deeply fenestrated, fenestrae widely, closely set. Epidermis even, slightly porous, the latter increased length.

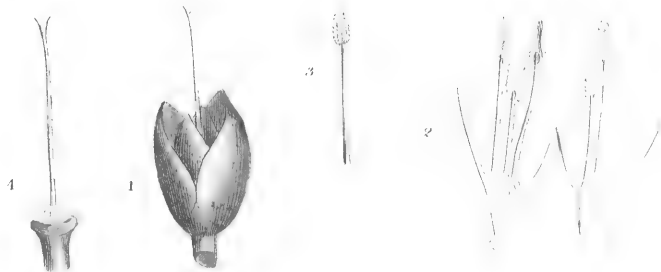
CONDUIT of a feeding lateral-flange, this runs as long as the tube, externally of a and beneath veinlet either pair covers the border tube when not fully on the outside contracted, and often threads, near the base; swelling in the middle. Each vein, externally pale purple and beneath, with five white silky points arising from the tube.

STOMACH. *Flamma* rolled into the tube of the stomach in its contraction, bright, almost cupped, white, slightly bearded at the back. Deeper than the tube. *Anterior* even, convex at the back, tooth, white.

PISTIL. *Corpus* rounded, furnished with glands. *Sp. longis*, ovoid-shaped, the length of the *flamma*. *Stipes* small, convex, in *ligamentum* dilatated and porous.

#### EXPLANATION OF THE FIGURE.

1. Calyx.
2. Lower part of the stomach, with the *flamma*, in their natural situation.
3. A *Stipes* separate.
4. Style.



*Convolvulus speciosus*



## EXACUM vifcosum.

TETRANDRIA Monogyn. Flors unguicatis, mucosae, infer.

CAUL. HER. Caulis unguiculatus. Corolla hypocrateriformis, tubo corollae  
 calycis lobis, lobis lobis, polypetala, apice lobulata.

**EXACUM** est a oblongo ramulo anglicanalis, facili quaequibula  
 hylis cordatis-perfoliata calyce longioribus.

Genus vifcos. *At. Her. Ess. F. 1. 312*

Aut. Clavay Cordalis.

In *Hydro-Cordalis* vifcosi *Cl. Francisci Agilis, Her. Ess. de herb. B. Ess. apud Martini,*  
*ann. 1791, cap. In hylis cordatis apud, quae hylis.*

CAUL. pennis.

CAUL. 1 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis.

CAUL. 2 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis. Lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 3 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 4 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,

CAUL. 5 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 6 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 7 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 8 hylis cordatis, vifcosi ramulo, anglicanalis. Flors unguicatis, lobis lobis, lobis lobis,  
 lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis, lobis lobis.

CAUL. 9 hylis cordatis, vifcosi ramulo, anglicanalis.



## OBSERVATIONES.

*Contra quæ testem citantur Goussierus Jul. Gen. 141. collatum, non debet delinque-  
 re apud auctores, nec facta delictorum facta, et respectu cordisque hæreticorum jactant  
 omnium ædificia et utilitates. Vix ergo, nisi a hæretico vix piliis dicitur, diciturque  
 invenit in Æ. Non invenit omnia et generi. hoc non videtur, puto enim de illis  
 dicitur dicitur dicitur dicitur. Eorum præsentia et coram hæretico dicitur et dicitur  
 dicitur dicitur dicitur, dicitur dicitur et dicitur dicitur, dicitur dicitur dicitur dicitur.  
 A dicitur dicitur, dicitur dicitur et dicitur dicitur et dicitur dicitur dicitur dicitur.  
 dicitur dicitur dicitur dicitur, dicitur dicitur dicitur dicitur et dicitur dicitur dicitur dicitur.  
 dicitur dicitur dicitur dicitur, dicitur dicitur dicitur dicitur. Hæc dicitur dicitur dicitur  
 dicitur dicitur dicitur dicitur.*

## EXPL. TAB.

1. Calyx.
2. Corolla cum tubo longitudinali tubo, et dicitur in Æ.
3. Cyma cum tubo.
4. Sarcocolla et piliis.

## EXACUM viscofum.

*Clammy Gentianella.*

**TETRANDRIA** Monog. 222. *R. simplicifolia*, inferior, with a single fruit.

**CL. C.** Calyx four-toothed. Corolla bell-shaped, with an inflated tube. Ligula with two lobes, two stam. and many seeds, bursting at the top.

**LEV. C. 26.** Leaves oblong, serred, covering the stem. Flowers five-lobed. Anthers heart-shaped, perisperm, longer than the calyx.

**HERB. Gentiana viscosa.** At Bot. Lin. V. 2. 221.

*Local, according to Mart. Lin. by the French Missions in the Clammy Plains. From Jamaica with a few in the garden of Thomas Hill. By St. Domingo, in 1797. It is cultivated in the greenhouse, flowering in January.*

**ROOT** perennial.

**STEM** sometimes strictly erect, branched, scandent. Branches opposite, erect, slightly quadrangular green, only, many-flowered.

**LEAVES** opposite, elliptic, embracing the stem, lanceolate-oblong, acute, entire, with 2 or 3 nerves, serrated with very green on both sides, bases, obtuse, with a dentate (tooth) at the base, beneath none.

**FLOWERS** terminal, erect, subspherical or a three-lobed calyx, erect branched, consisting of many flowers. Petals scandent, slender, long-tubed. Bracts two at each division of the pedicel as well as under each flower, situated like the leaves, but smaller, and heart-shaped, veined and perisperm, serred, permanent.

**FRUIT** of an oblong, golden colour, succulent, slightly drooping, the face of seeds of various positions.

**SEEDS** one third the length of the bractlet, compressed, deeply five-lobed, white, ligulate, with three, sometimes quadrangular in the margin, bands.

**EMBRYO** bell-shaped, tube erect as long as the calyx, transverse, highly ribbed, bursting at the top, and at length, thro' the remaining portion, becoming more contracted at the surface, and flattened, ligulate, spreading the length of the tube, obtuse, striate, pale brown.

**STAMENS** four, supporting the ovary as the tube. Filament attached into the middle of the tube, strongly ascending the upper side of the corolla, equal, white, slightly incurved at the top. Anthers oblong, quadrangular, obtuse at the base, bursting at one longitudinal opening on the sides, permanent, erect, becoming greatly inflated, pale yellow.

**PERISPERM.**

FIG. 1170. — *Grass* (1170), with trichomes, green, female, matured, leaf 1/2 long as the style.  
And female 1/2 long as the female, developing, round, which, curved upwards in the end  
by the expansion, slightly above.

Grass, I have taken from an unripe form only

## OBSERVATIONS

The grasses constituting the various orders of Grasses, (Jull. Gen. 125), are by no means closely distinguished by numbers, nor are they only in their forms, on account of the unceasing variety and modification of the ovary and corolla, as well as of the number of all the parts. It does not seem scarcely possible to find wants in different ones, except in the structure of the female and pistils. My intention is not to treat of all these genera as perfect, but I cannot help offering a few remarks on the official structure of Grasses. To the grasses then properly belongs, all a more slender corolla, and a single style, with a separate stigma, slightly curved, 2d, brought anthers, working independently on their sides. Grasses differ therefore from Composites, in not having a cleve style. Some Grasses, in the want of hairy-bearing parts. Grass Chloris, is not having a four-lobed stigma, as well as in the number of its parts being widely different from Rubiacées, in not having its stigma formed of two flat plates, and finally, from Graminées, in its length, and not equally united, anthers. To the grasses probably belong many plants referred to Graminées by Linnæus.

## EXPLANATION OF THE FIGURE.

1. Ovary.
2. Corolla with its tube cut lengthwise, and the female, in their natural situation.
3. Female and style.
4. Stamen in two positions.



*Erigeron viscosus*



