

~~Justicia~~

~~Justicia~~

Justicia. Cap. 2. ~~ovulari~~, bivalvis: valvulis elasticis desiliantibus,
retinaculis ~~seminum~~ ductu uncinati

~~Justicia. Cap. 2. ~~ovulari~~, bivalvis: valvulis elasticis desiliantibus,
retinaculis ~~seminum~~ ductu uncinati~~

Justicia speciosa Jacq. Syn.
Suaudata repanda an in Symbolis
adhibita Madagascariensis ex parte foliorum et pinnetarum ~~Jellettus, Senecio, Petrus~~
50. ex herb. musci
~~speciem e demegre dedit Richard~~

Jellettii

01 ~~21~~

pectoralis *Justicia panicula terminali dichotoma*, floribus spicatis remo
Vi. Symb. bot. 2. p. 15.

Justicia pectoralis, dianthera, herbacea, panicula dichotoma Jacq.
Amer. 3. tab. 3.

Justicia pectoralis panicula terminali dichotoma Lin. Sy. Veg. 64
Habitat in Domingo, Martinica, insula St. Croix &

K. 145. Caulis ascendens bi-5. Tripedalis, tenuis, verticillatus; lentic pilosa de-
currente, superne dichotome divisus. Folia breviter petiolata, bipolli-
cana, lanceolata, attenuata, inaequalia, glabra. Pedunculi termina-
les, filiformes. Flores alterni, solitarii; basi bracteis tres, alii flore oppo-
sito, cum rudimento floris in axillo, subulati, longitudine calycis.

echioides sufficua foliis lanceolato-linearibus obtusis sessilibus, racemis adpendenti
secundis bracteis setaceis. V. p. 63. 22. Flor. Zeyl. 21* Sp. pl. p. 22. 12.

ashatoda Pectumba Rheed. Mat. 9p. 27. t. 46.

malabonica Euphorbia affinis indica echioides Herm. Legib. 668. t. 66y.

echioides det.
philos. no 271. Habitat in India

pag. 046

Herbaceus hirtus angulatus. Folia opposita, sessilia lato-linearia, integerrima utrinque
rotunda, subtus pallidiora ~~in nervis~~ ^{in nervis} tenuis simplicibus, bipollicaribus. Racemi axillares
oppositi, solitarii, foliis subaequantibus, patentes semi. Flores brevis sime ~~petala~~
cylindricis, secundis, hirtis. Calyx ~~linearis~~ hirtus laciniis setaceis corolla duplo
brevis.

8182
Sylvestris Tusitica paniculis axillaribus, foliis lanceolatis tomentosis Lour. fl. Cochinchin.
chin. p. 26 +

Habitat in Sylvestri Cochinchinae

Frutex quinque pedali, erectus; Ramis brachiatis. Folia integerrima.

Calycis laciniis quinque, filiformes. Corolla alba: tubo tenui, longo: lobis

superiores filiformi, emarginato; inferiore magno, trifido. Anthera una se

praeteram Lourero l. c.

Eubolium Justicia fruticosa, foliis lanceolato-ovatis, spicis tetragonis, bracteis ovatis
ciliatis, corollam galea reflexa. S.V. p. 61. 2. Pl. Zeyl. 17. Tabr. Helm. 217.
* p. 20. 2

Canm. Curini Rhees Malab. 2. p. 31. t. 20. Plukh. Elm. 126. t. 121. f. 4.

Adhatoda spica longissima, flore reflexo Burm. Zeyl. 7. t. 4. f. 1.

Habitat in Malabaria, Zeylon

Justicia vnda
foliis oblongis
integris spicis
terminalibus ovatis
bracteis
ovatis acutis,
galea lineari
reflexa bidentata
ta Forsk. d. 10. p. 5
May 5

~~Caulis fruticosus, Ramis teretibus vix vellosi articulati articulis supremis compressis
si apice dilatatis. Folia petiolata ovato-lanceolata cum acumine parvo
utrinque acuminata cum acumine parvo, integerrima, glabra bipollicaria
Petioli brevis fomis. Spica terminalis, imbricata, tetragona, bracteis ovali-
bus basi attenuatis, apice mucronatis, ^{glab} fimbriatis, deciduis. semipollicaria uno alio ad basin
calycis lanceolato-subulatis calyce brevioribus. Flores oppositi solitarii. Calyx
in partibus laciniis lineari-subulatis. Corolla tubus filiformis, longissimus
~~bipollicaria~~ incurvus bracteis triplo longior. Limbus corulescens labio
superiore lineari angustissimo refracto apice bifido inferiore trivido plano
segmentis oblongis intermedio majore.~~

203.

undulata Jussiaea ^{umbellis} pedunculis terminalibus umbellatis simplicibus trifidis
que, foliis lanceolatis undulatis. Symb. bot. 2. p. 8.

Stanthera hypsoepifolia; floribus pedunculatis terminalibus, foliis
lanceolatis glabris Burm. Ind. 11. t. 5. f. 2.

Habitat in Malabar.

Caulis herbaceus: Rami pedales et ultra, simplicissimi, oppositi, erecti
et patentes, obscure angulati, articulati; articulis tri vel quadri pollicariis
caulis, saepe rami duo alii breviores ex axillis. Folia petiolata,
bipollicaria remotissima, ovato lanceolata, acuminata, glaberrima
petiolo, subtus pallidiora. Petioli filiiformis, bi duo tri lineari-
Pedunculi in apice ramorum ex axillis foliorum terminalium,
tres vel ^{quin} quae, bilineares, aequales, apice latiores, basi contracti;
laterales trifidi, inter medio indivisi. Bractae betaceae foliola du-
obus foliola duo lanceolata, acuminata, altera breviora, flores
binos vel tres ferentia. Calycis lacinae betaceae. Capsula in illosa

bracteolata Sufficra racemi terminalis compositi, bractei lanceolati, folii elliptico
lanceolati glabris, caule fruticoso

Sufficra bracteolata Jacq. Coll. 3. pag. 253.

Habitat ad Casaeas
alt. ad 2000 ft. in ripis

Infloresc. corollae bilobatae labium superius bifidum oblongum semireflexum
inferius tripartitum laciniis linearibus antheris parallelis
Rami glabri tetragoni. Folia petiolata late lanceolata utraque
acuta integerrima vel leviter repanda glabra longiora semipedali
Racemus terminalis erectus 4 pollicaris compositus pedunculis par-
tiales prope 3-4 flori. bractea ad pedunculata lanceolata parva
Calyx 5-partitus. Anthera ad latera hesubula

Sufficra bracteolata fruticosa foliis ovato-lanceolatis utri-
que acutis racemo terminali, filamentis ap-
pendiculatis La Mart. T. E. pag 30

affinis Suff. secunda racemus ^{non} compositus ^{non} secundus?
caulis fruticosus

mihi ignota

* 04/26
frondosa Justicia umbellata axillaribus compositis pedunculatis, pedunculis
elongatis, bracteis ovatis rhombicis obtusis glabris. Symb. 2. p. 8.

Habitat in Otaheite

Caulis herbaceus, teres, glaber. Folia petiolata, bipollicaria, ovata,
acuta, glabra, integerrima. Pedunculus unguiculatus. Pedunculi op-
positi, foliis longiores, tetragoni, apice pubescentes. angulis acutis, qui
superne pubescentes, apice pedunculi quatuor, pollicares, pubescentes, in
termedii parum longiores: pedicelli ^{tres, quatuor} brevissimi. Bractea pedun-
culorum et pedicellorum gemina, opposita, oblonga, acuminata:
floralis rhombica, obtusa, membranacea, venosa, calycem multo majora,
altera minor: calycem lineares, tubulata, longitudine calycis.
Calyx parvus, quinquepartitus, pubescens. Corolla bracteis longior
extus pubescens: ~~lobis~~ labio inferiore videntato. Stamina corollae
breviora.

05 04
Clavata Justicia ^{paniculata} umbellae axillares ^{subumbellatis} bracteis
decempositis, (Linnaei - ob longis, foliis ellipticis)

^{trid.}
~~Justicia~~ ^{Dianthera} clavata panicula subumbellata, pedunculis apice dilatatis

Forst: prodrum ~~p. 4~~ n. 15. Ex herbano
Habitat in Societatis insula. Tab Mus. Parisini

Stem tetragoni, glabri, ad articulos panum latiores. Folia petiolata
et quinque acuta, glabra, subtus antrorsum nervosa, margine sub
undulata, integerrima. Pedunculi axillares, oppositi, foliis fere
longiores. Bractes subulatae minime. Flores parvi.

Justicia clavata

~~canescens Justicia~~

~~Justicia canescens La Mart.~~

~~Habitat galam ^{herb. Just} inque Puerto Rico West.~~

~~Calles herbarum plures, diffusae, villosae, inaequali, spithamoi et ultra, Tenues,
panicum ^{occumimato} simpliciter. Solcia petiolata, ovata, unguiculata, ^{apice rotundata basi} obtusa, utrinque villosa
subvenosa. Petioli brevissimi. Spica terminalis ramorum et caulis, polli-
cari, villosa-subherpeta, inaequali, cylindrica, obtusa, imbricata. Bractea
ovata, acuta. Calyx 4partitus?~~

86 ~~85~~
pubescens Justicia umbellata
pedunculis axillaribus oppositis, floribus ~~pedicellatis~~ ^{umbellatis}, bracteis
ovato-subrotundis mucronatis, foliis ovatis pubescentibus Symbiod

2. p. 9.

Dianthera coerulea; umbella fastigiata sessili simplicis summa Cost.
n. 144 ~~de~~ ~~ma. p. 15.~~
prodr. ~~p. 15. f. 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.~~

de speci-
minis & cost.
musdo parien-
si musum.
Habitat in Botanicis insula, prope Novam Caledoniam. Ex herbario
musoipensis
frami pubescentes, varietas. Folia petiolata, ^{sesqui} pollicaria, ovato-lan-
cedata, obtusa integerrima, subtus magis pubescentia. Pedunculi
axillares, oppositi, petiolo breviores: pedicelli quatuor, umbellati, sub-
equales. Bracteis quatuor ^{utrinque} subulato, patentissimis, subpedicellis,
apice parum reflexis. Capsula pubescens.

mucronata *P. hespita*, foliis ovatis ^{mucronatis} acutis integerrimis, flombus verticillatis, bracteis
ovatis ciliatis cuspidatis

Panthera mucronata: foliis ovatis mucronatis, flombus verticillatis, bracteis
ovatis ciliatis mucronatis fl. Penn. l. pag. 11. Tab. 16. fig. a

Habitat ad vepes agrorum in Huancu et Chanay

Caulis plures, herbacei, bipedales, erecti; teretes, striati, teretes hexagoni, ra-
mosi. Folia pedunculata, opposita parum minore. Pedunculi superiores, stella-

ret, solitarii gemisque pedicell tri vel 4 phylli. Pedicelli brevissimi; latera
les bracteosi. Flores tres sessiles inter duas bracteis: Bractea ^{ciliata persistenti} altera minor

dua alia sub singulo calyce subulato. Calycis laciniis 5 que suba lineari
hespita. Corolla papiracea, pubescenti. Labium superius integerrimum; inferius
tridentatum. Semina setinata fl. Penn. l. c.

87 ~~86~~
periplocofolia Justicia floribus axillaribus solitariis ^{bracteis linearibus lanceolatis} terminalibus spicatis

latis, foliis ovatis attenuatis +

Justicia periplocofolia Jacq. coll. 5. p. 5. t. 7. f. 2.

Habitat ad Caracas in America

Tota glabra. Caulis sesquipedalis, erectus. Rami teretes, striati. Folia
breviter petiolata, integerrima tripollicaria integerrima, subundulata.
Bractea ^{linearis} lanceolata, verna calyce longiore, unica reliquis longior.

Flores axillares solitarii. Spica opposita. Calyx quinque partitus.
Corolla purpurea, calyce duplo longior: Labium superius oblongum
erectum, apice reflexum, bifidum; inferius ~~bifidum~~ trilobum, patentissi-
mu, subrotundum. Anthera unica supra alteram. Jacq. l. c.
similis f. Nyani.

arsensis Veronica floribus solitariis, foliis cordatis incisus pedunculis longioribus L. V. Fl.
L. 19. de pl. p. 27. Fl. D. 515. Scop. Fl. 19. Poll. hist. 18.

Elatine polyphida Lugd. 1239.

Alyson Columa Phytob. p. 27. 28.

~~gen. em 613 f. 7.~~

~~Alpine veronica foliis flosculis cauleculis adhaerentibus Bauh. Pin. 250.~~

~~alpine serrato foliis, his fultore, floribus et loculis cauleculis adhaerentibus
Bauh. h. 3. p. 367.~~

~~Veronica flosculis cauleculis adhaerentibus Mor. O. 22. p. 322. f. 31. 24 f. 21~~

~~Veronica caule erecto, foliis ovatis, subhis fultis, dentatis, petiolis brevis
fruits Hall. h. 448.~~

~~Veronica foliis oppositis cordatis crenatis, floribus solitariis sessilibus Hort.~~

~~Cliff. g. granar. Virg. 4.~~

Habitat in Europa arvis, cultis. Virginia Japonia O

caules plures
descendentes
folia oblonga
similis agrati differet sepe tantummodo pedunculi folio florali brevioribus
folia floralibus non sequa non caulinis simillimis

meo pedunculo longioribus

floralibus lineamentis integerrimis

~~874~~ 88
Rypanii Justicia pedunculis axillaribus terminalibusque oppositis trifloris, bracteis
linearibus, foliis ovato-lanceolatis attenuatis. Est. Amer. l. p. 1

Habitat in Monserrat.

Caulis lignosus, teretiusculus, glaber. Folia petiolata, quadri-vel quinquepelti-
ciana, ovata, attenuata, ~~vel~~ interdum elliptico-lanceolata, per petiolum
panum decurrentia, integerrima, glabra, nervosa, obscura venosa. Pedun-
culi axillares solitarii, terminales gemini, striato-subangulati, foliis brevior-
es, glabri. Flores tres laterales, sessiles, intermediis pedicellatis. Bractes
geminae ad basin calycis, calyce panum breviores. Calyx quinquepartitus;
laciniis linearibus lanceolatis, glabris, corollae ^{triplo} vel ^{quadruplo} breviora.
Corolla bilabata, pollicaris; labium superius lanceolatum indivisum
inferius longitudine superiori, profunde trifidum; laciniis oblongis,
obtusis. Filamenta longitudine fere labii superiori. Capsula pollicaris,
oculo armato pubescens.

Cyrtandra

1 biflora

Cyrtandra pedunculis subramosis, foliis ellipticis subintegerrimis glabris
Cyrtandra biflora: involucri biflori Dorst. Gen. pag. 6.

Besleria biflora: pedunculis bifloris, involucrio caducio in flato, foliis
ovatis integerrimis Dorsten. prodr. pag. 49.

Redit Dr. Prof. Fabricius

Rami glabri, superne tetragonis, apice pulverulento ferrugineo-tomento
si.

Folia petiolata, tripollicaria, opposita, glaberrima, nervo-venosa,
subtus pallida, utrinque acuta, versus apicem obscure crenata

Petiolis vix unguiculatis

Pedunculi axillares, solitarii, petiolo pariter longioribus sub trifloris.
pedicellis intermedium interdum trifloris, laterales uniflori

Involucrium triphyllum in flatum: foliolis lanceolatis, integerrimis.

Calycis lacinis lanceolata.

Corolla calycis duplo longior: tubo curvato

8896 09

Furcata *Justicia villosa*, floribus sessilibus axillaribus subsolitariis Terminalibus Ternis, foliis lanceolato-ovatis.

Justicia peruviana; foliis ovatis acutis: spicis brevibus axillaribus et terminalibus, floribus vibrataeatis Cavan. l. 1. p. 17. tab. 20 Curt. mag.
vol. 12. t. 470.

Justicia furcata; fruticosa, villosa; foliis lanceolato-ovatis; floribus sessilibus axillaribus, solitariis Jacq. Hort. Schoenbr. 1. p. 2.
tab. 3.

Habitat circa Limam &

Caulis teres, superne cinerascens. Folia petiolata, bipollicaria, obtusa
sinuata, integerrima, oblique subnervosa, avenia, stata fere glabra;
juniora vix canescentia. Flores axillares, plerumque solitarii, rarissime
terni utriusque. Bractea lineari-lanceolata, basin versus paucum an-
gustiora. Calycis foliola linearia, acuta. Corolla corulea; labium superius bifidum
angustum; inferius trifidum latum. Anthera inferior aristata: arista bifida. *

peninsularia ~~Justicia~~ ^{Justicia} pedunculis axillaribus trifloris terminalibus spicatis, bracteis ovatis ^{cuspidatis} ~~ansatis~~ pubescentibus, foliis oblongo-ovatis.

Justicia peninsularia; foliis ovatis acutis, spicis brevibus axillaribus et terminalibusque, bracteis imbricatis apice spinulosis. ^{Comarck} ~~Comarck~~ illustr. p. 42.

Dianthera ~~Justicia~~ mucronata; ~~hirsuta~~ ^{cuspidata} foliis ovatis mucronatis integerrimis floribus verticillatis [†] ciliatis ^{mucronatis} ~~cuspidatis~~ flor. penins. l. p. 11. t. 16. fig. a

† bracteis ovatis Habitat in Pen. Dombey. ^{ex herb. Dombey} ~~Herb. Dombey~~ F.ussioi.

Caulis herbaceus, bipedalis, erectus, teres, pilosus, ramosus. Rami elongati. Folia petiolata, pollicaria vel parum ultra, basi attenuata, apice parum acuminata, seta terminata, avenia, enervia, vix armata pilis raris ad 3 persa. Petioli unguiculares. Pedunculi axillares

† solitarii vel gemini [†] brevissimi, triflori [†] flores terminali spicati. Bractea duo ad basin calycis ovata, unguicularis, altera parum minor, biflora, alia

duo nervosa; duo alia setacea ad latera. Calyx brevissimus ^{quasi} ~~capite~~ [†] laciniis lanceo-lanceolata, villosa, equaliter stipatus bracteis geminis. Corolla purpurea, pubescens; labium superius bidentatum; inferius trifidum. Anthera altera supra alteram.

4 laciniis

clavata

Dianthus clavata, panicula subumbellata composita, pedunculis apice
obtusatis Forst. prodr. pag. 4
Habitat

non id.
umbellae pedunculatis ~~non~~ compositis, stipulis involucratis subulatis, bracteis cuneiformes
obtusae

Dianthus Forst

919 ~~920~~

Cuspidata Justicia pedunculis axillaribus verticillatis subtriplois, floribus
bui pedicellatis, bracteis cuneatis aristatis. Symb. bot. 2. p. 9.

Dianthera verticillata Forst. h. descr. p. 9.

Habitat in Arabia.

Similis J. chinensi diversa modo figura bractearum et numero anthe
raria, folia oblongo elliptica basi parangulata. folia elliptica
bractes exteriores ciliata, interiores lanceolata.

Cuspidata Justicia floribus axillaribus verticillatis, pedunculis subtriplois, bracteis
aristatis cuneatis aristatis, aristis geminis.
Dianthera verticillata Forst. descr. p. 9.
Habitat in Arabia.

Infundibuliformis Fusticia fruticosa foliis lanceolato-ovatis quaternis, bracteis lanceolatis ciliatis L. V. p. 62. 7. Spec. pl. 21. 3. *.
Manja-kunoni Rheed. Mal. g. p. 121. 7. 62.

Habitat in India, Arabia

Rami teretes. ^{superne conferta} folia lanceolato-ovata f. elliptica, glabra integerrima, quaterna bipolliciana, ~~stulta~~ petiolis folio duplo brevioribus. Pedunculi ex axillis solitarii, erecti, foliis duplo longioribus, teretes, pubescentes. Spica terminalis oblonga, dispete imbricata; bracteis lanceolatis villosis, ^{nerosis,} ciliatis unguicularibus acuminatis, concavis, ~~longis~~ ^{calycem equantibus} calycibus. Bractea bina linearis pilosi bracte longitudine bractearum. Calyx quinque partitus, latius apice pilosus, tria tribus latioribus lanceolatis lateralibus linearibus. Corolla speciosa; tubo filiformi faucibus natis ~~obovatis~~ ^{obovatis} ~~amar~~ ^{oblongis}, ~~marginatis~~ ^{marginatis}; inferio majore. Limbo 5 fido lobis planis differunt ~~quod villositate~~ ^{marginibus} foliis brevioribus, ^{longis} ~~obtusis~~ ^{obtusis}, rigidis, reliqua ut in India

~~92~~ 92
Lorigata Fusticia pedunculis axillaribus oppositis ^{pub} trifloris, floribus pedicellatis, br
bracteis oblongis mucronatis pubescentibus. Symb. bot. 2. p. 9
Fusticia falcata; fruticosa, foliis ovato acutis, petiolatis, floribus lateralibus
bicalycatis: labio superiori longissimo falcato. La Mart. illustr.

l. p. 38.

Habitat in Corsula Dianici &

Paulis fruticosus, cortice inferne cinereo, & superne viridi: Rami tetragonis, oppositi, breves, patentissimi. Folia petiolata, pollicaria, ovata, attenuata, ut aequina, obtusiuscula utrinque glabra. Pedunculi solitarii, breves, pubescentes; pedicelli ^{trios} vel quatuor, uniflori, pedunculo duplo longiores, Bractea pedunculi quatuor apice parum dilatata, intermedia paululum longiore. Bractea ^{quatuor} pedunculi quatuor, ad latem pedicellorum, subulata, patentissima, reflexa: florales oblonga, parallela, aeterna minore: calycina lanceolata. Corolla pubescens, bracteis dimidio longior.

martiniensis Dianthera foliis ovato-acuminatis, pedunculis trifloris bracteis ovatis, calycis
longioribus L.V. p. 64. 6

Habitat in Martiniensis

Caulis herbaceus pubescens. Folia integerrima, ovata, acuminata, glabra
opposita, basi in petiolum attenuata infima sive polliciana pinnata
polliciana. Pedunculi axillares trifidi, triflori oppositi breves
bracteis concavo acuminatis, integerrimo glabro sessilibus oppositis
superioribus minoribus. Flores sessilibus pollicares corolla tubulata.

Corolla unguis. Tubus longispinus. Labium superius concavum
sepius integerrimum et subundulato inferius inferius oblongum
obtusum longispine tridentatum.
Dianthera

+ tam similis bivalvi ut facile eadem in Diuicem

unde ~~quod~~

~~9299~~ 93.
bivalvis Justicia pedunculata axillaribus trifida, bracteis ovatis, profundè nervosis
anastatis, foliis ovato-oblongis pubescentibus

Solum vindictorium Rumph. amb. 6. p. 51. t. 22. f. 1.

Justicia bivalvis; foliis lanceolato-ovatis, pedunculis set floribus: pe
dicellis lateralibus trifloris, bracteis ovatis parallelis Lin. Spec. pl.

29.
Justicia foetida Dork. Descr. p. 5.

Habitat in India Orientali, Arabia

Rami lignosi, obscure angulati, articulati; articuli bi-3. In pollicibus

Folia petiolata, bipollicaria, subius pallidiora, punctata, punctis
oculis armatis a pilis adpressis, simpliciter venosa: ramorum florifero
rum brevissime petiolata, lanceolata, altero latere angustiora,
integerrima, acuminata, mucrone longo terminata. Pedunculi axil
lares oppositi, ramulorum alterni, solitarii, erecti, ~~pedicellis~~ pedun

culo longiores, 6. Bractea duo setacea ad basin pedicellorum;

florales ^{exteriorer} angustiores, venosae, nervi trinervi, altera minores, biflorae,
interiores ^{interiores} triflorae villosae ad singulum florem, lanceolatae, villosae

Capsula villosa

Valde affinis Just. martinicensi.

Carolina

Dico, Vries vel Ger

pectoralis Dianthera panicula dichotoma terminali L. V. p. 64. 4 Jacq. hist. pl.
Amer. pag.

Habitat in Cambisio. ☉

Caulis bi f. tripedali erectus tenuis, teretifidus tenuis linea sulcata
decumbens. Colica ~~bracteae~~ superne dichotome sursum folia brevi
ter petiolata, canaliculata attenuata glabra bipollicina integra
non Pedunculi terminalis subdichotomi liguliformes. flores
^{filiales} remoti alterni solitarii basi bracteis tribus, alia flore opposita
cum rudimento filiflori anello subulati longitudine calycis

94 ~~42~~ 140

fidis

a 1

martinicensis Justicia pedunculis axillaribus trifloris, bracteis ovatis ellipti-
co acutis 3nervis, foliis ellipticis acuminatis integerrimis

Justicia martinicensis, foliis ovato-acuminatis, pedunculis trifloris,
bracteis ovatis, calycis longioribus Jacq. Am. 5. 4. t. 2. f. 3.

Habitat in seculis arboribus Martinico, et ad margines sylvarum.

Caulis herbaceus, suberectus. Folia petiolata, infima quinque, pollicaria
suprema six pollicaria, integerrima basi in petiolum attenuata, inte-

#. pedicelli tres.

gemina, glabra. Pedunculi oppositi breves. Bractea opposita
altero minore. Flores sex qui pollicares, rubentes. Corolla tubu-
labium superius apicis emarginatum, a tubo intorto inferius, infe-
rus oblongum, obtusum, lavis & imbricatum. In dentatum.

Benj. D. ...

parviflora tubicini foliis lanceolatis, floribus axillaribus subternis
fere liberis, corollis minimis sagulatis - Ortega - Dec. pl. reg. h.

Habitat in Regno Mexicano

pubescent. Caulis herbaceus diffusus, teres (?) simpliciter.

Folia breviter petiolata, alternissima, internodiis duplo longiora.
Flores interdum solitarii vel bini. Bracteae lineares.
Corolla tubus basi amplius: laciniis siquae subrotundis.

9495
retorta Justicia pedunculis axillaribus ^{sub clypeo} trifloris, foliis ovatis

Habitat in India orientali. Rottb.

Caulis herbacuus, subsulcatus, glaber, uti tota planta glaber, ramosus,
sepe geniculatus; Rami interdum divaricati. Folia petiolata,
semipollicaria, inferiora ovata, superiora oblonga, remota, ve-
nosa, pubescentia, obtusiuscula. Pedunculi axillares terminales,
folio multo longiores, laterales breviores, interaxillares
intermedii triflori, longioribus; floribus sessilibus. Bractea subula
sub calycibus brevis. Calyx usque partitus lobis linearibus linearibus
latis, ope lentis glanduloso subviscosis. Corolla tubus relictus.

~~Furcata L.~~

~~Guttaria furcata caule tereti pubescente, foliis ovatis petiolatis, pe-
dunculis axillaribus multo brevioribus La Mart. T. Enc. pag 40~~

~~Habitat in America Calidore~~

Ruellia paniculata L.

michi ignota

96

~~96~~ ^{indigenis} ~~Urtica~~
 acuminata ~~et hispida, foliis oblongo-lanceolatis attenuatis, floribus verticillatis,~~
 bracteis lanceolatis, foliis oblongo-lanceolatis attenuatis integerrimis +
 Dianthera acuminata foliis oblongo lanceolatis acuminatis, verticillis
 subsesquibus multifloris, bracteis ciliatis Fl. Peruv. 17. 10 4. 6. 16 4. 6.

Habitat ⁱⁿ ~~in~~ ~~Urtica~~ ~~et~~ ~~Urtica~~

Caulis ^{velosus} ~~bis~~ ~~herbaceus,~~ bipedalis, ramosus, erectus, hexagonus, ^{(ciliis apice glandu-}
 tosis. Folia petiolata, ^{remota} ~~in~~ ~~acumine~~ tenuissimis attenuata. Pedunculi ~~axil-~~
 lares, gemini, terni, solitarii brevissimi; pedicelli ~~3~~ ~~4~~ ~~5~~ in singulis, laterales
 bracteati. Bractea biflora, attenuata, ciliata, persistentes, altera mi-
 nori. Calycis laciniis ~~quinq;~~ ^{seu} ~~sepalato,~~ ciliato. Corolla purpurea, ~~estus~~
 pubescens, bracteis duplo longior, usque ad medium bifida: labium superius
 integrum, inferius tenuissime tridentatum. Semina hispida in perla se per

Ver-quin
 que

l. v.

lat

97 96

Lithospermifolia Justicia floribus axillaribus sub verticillatis sessilibus, bracteis linearibus, foliis lanceolatis.

Justicia ledanoidea; foliis lanceolatis integerrimis, floribus axillaribus sub sessilibus subverticillatis, bracteis subulatis longitudine calycum ^{La Mart.} ~~La Mart.~~ illust. 1. p. 42.

Justicia lithospermifolia; herbarica; erecta; villosula; foliis lanceolatis, floribus verticillatis caule hexagono. Trinqu. hort. Schoentr. 1. p. 3. t. 4.

Habitat in Peru nec in China 7

Caulis erectus, hexagonalis, subvillosus, inferne geniculis infractis articulis basi ~~erectis~~ purpurascens, ramosus: Ramis alternis folia breviter petiolata ^{et ultra} ~~la~~ pollicaria, basi callosa: villis raris, uti geniculi dispersa. Flores axillares, 10-12 solitarii, interdum gemini, plerumque terni utrinque. Bractea longitudine calycis, ~~la~~ linearis lanceolata, ope latis ciliata. Corolla purpureo-violacea lobum superius emarginatum, inferius latius et longius trilobum. Anthera inferior aristata.

Planta spontanea parum villosior et foliis per angustioribus quam in culta

^{rofea}
Pomeni — Fustici foliis lanceolatis integerrimis floribus axillaribus
geminis ses sesilibus.

Habitat — inf. In Pomes

Dianthera Cor. bilabata labro superiore emarginato

97 98.
biflora Justicia pedunculis axillaribus bifloris foliis ovatis sequantibus, bracteis
tubulatis. Symbot. bot. 2. p. 9.

Habitat in India Orientali

Caulis suffruticosus, ramosus. Rami obscure tetragoni, glabri; articuli tripolli-
cares, basi altero latere ^{sub} gibbosi. Folia petiolata, pollicaria, panem attenu-
ata, basi acuta, integerrima. Petioli laxi, inferiores longitudine
foliorum. Pedunculi filiformes; pedicelli inaequales. Bractea duae
ad basin pedicellorum, petiolatae, oblongae, acutae: florales tres sub
singulis calyce, inaequales; duae subulatae. Calyx quinquepartitus.
Anthera geminae

Warwick complanata Norman petio elliptica obtus integerrima, calyce
his pilosis Walden spec. No. 1. p. 63.
integerrima

Cutea ^P. corolla campanulata Walt. fl. car. pag. 63.
Habitat in Carolina

~~non vid.~~

98.99

Sessilis Justicia floribus axillaribus sessilibus solitariis, foliis ovatis subternatis integerrimisque, caule erecto.

49 pauciflora
nec Ed. am.

Justicia sessilis fruticosa, floribus axillaribus sessilibus Pauciflora Amer.
H. t. 2. p. 2.

quamvis

in nonnullis Justicia pauciflora floribus axillaribus sessilibus solitariis, foliis ovatis, caule erecto. Edige. Amer. 1. p. 2.

in Yamae Habitat in Caribaeis

non specie
differe sequitur.

caulis erectus plures, erecti, sesquipedales et ultra, teretibus, tenues articulati, articuli ^{quinque} pollicares, rami oppositi, remoti, patentes, simpliciter, linea villosa decurrens alternans in principio articulo, uti in caule. folia brevia petiolata, semipollicaria vel parum ultra, basi obtusa cum acumine brevissimo, interdum acutiora, supra obscure oblique nervosa, verso-versa pilosa, presertim in costa nervi et versus margines. Petiol. ciliati. Flores versus apices ramorum et caulis. Calyx quadrifidus: laciniis subulatis, ovato-linearibus vel rectis, induratis. Tubus angustus. Labium superius bilobum inferius parum brevius, trifidum; laciniis rotundatis subobovatis. Anthera una supra alteram. Capsula glabra. Semina muricata, glabra.

procumbens Justicia foliis ^{oblongis} lanceolatis integerrimis, spicis terminalibus lateralibus
que alternis, bracteis petalaeis, caule procumbente S. V. p. 62. 10. Flor. Zeyl.
19. * Spec. pl. p. 220.

Euphrasia, alpinis angustiore folio, rubra modo spicata, glabrondea Pluk. Alm. 142
Tab. 56. f. 3 et 4

Habitat in Zeylona 4.

Caules herbaeus, debilis, procumbens diffusus ^{ramosis}, articulus ^{geniculatus}
articulatus ramis dichotomis ^{infractis}

Caules herbaeus, procumbens, diffusus, ^{articulis} geniculatus, ramis ^{diculis}
^{bipollicibus ramosis} dichotomis, ^{ramis} infractis, ^{ramis} articulis glabris, angulatis tenuibus. Tota petiolata
oblonga, ^{remota} acuta, integerrima glabra ^{linearia} ^{linguiculata}. Petiolus folio
duplo brevior. Spicis terminales vel a dichotomia erecto pedunculato
^{apollis} una cum pedunculo bipollicares. Flores conferti, oppositi, solitarii
solitarii, parvi. bracteis binis petalaeis utra ad basin calycis. lacina calycis
petalaeo

Descriptio ad specimen respectivum a Honigio misa ^{aliam} ^{pro ex donatione}
cujus viri laudati possides omnem simillimam nisi quod foliis 3 majoribus
et in omnibus cum figura Pluk. t. 56 conveniens.

Caracasiana Spicis axillaribus terminalibusque, floribus oppositis, bracteis
calyce brevioribus, foliis ovatis acuminatis undulatis +

fruticosa, Justicia Caracasiana ^{vol.} Jacq. collect. 4. p. 116. Icon. 2. t. 206.

foliis ovato-lanceolatis, Habitat ad Caracas +
Lanceolatis, Truncis erectis, quinquepedalis: Ramis ~~subulosis, hexangulis, ad ten-~~
acuminatis, ^{quod in base} p^{er}tem villos. folia breviter petiolata, ~~6~~ ⁶ pollinaria, subrepanda vel
violatis; ^{can} integerrima, ope lentis villosa. Spica solitaria, erecta, longe pedunculata
le ramisque ^{to}, tandem sine pedunculo, semipedales; calycibus ^{factis} ~~par~~ remotis. Brac-
teatibus, ^{seu} ~~seu~~ ^{ter} ternis, acuminatis, lateralibus duplo angustioribus, calyce brevioribus.
striata; ^{epi} Calyx ^{quae} adripandus: laciniis linear-lanceolatis, acuminatis. Corolla
is terminali violaceo saturate purpurea, ~~in~~ ^{inferius} ~~inferius~~ ^{inferius} trilobum. Antheris parallelis. ^{For} quin l. 6
ribus

~~# Corollis ringentibus
a monantho~~

**** Calycis simplicis, corollis ringentibus, ^{Monantho} ~~Diantho~~

nasuta Justicia foliis lanceolato ovatis integerrimis, pedunculis dichotomis L. V.
p. 63. 26. Spec. pl. 23. 15. *

Pulicilli Rhed. Mal. g. p. 135. tab. 69

Habitat in India

Rami obsolete angulati, sive pubescentes. Folia petiolata lato lanceolata ^{pubescentia} acuta,
obtusis, integerrima, bipollic glabra, ^{bis: ter deversis} bipollicaria. Pedunculi axillares, foli-
+ pubescentes tate alterni, foliis oquantis, dichotomi ^{sempiteris} pappilionum allepticionum sub
primo divisa. Pedicelli biflori ^{sempiteris} flombus ^{linearis} liliis: bracteis linearibus mi-
nutes. Calyx minutus laciniis petalis. Tubus ^{linearis} corollae calyce quadruplo longior
labium superius lineare, brevius angustum, reflexum; inferius oquale tri-
fidum. Stamina extraxantes prominente lin.
anthera altera super altera

Cum rami lignosi potius ad fructuosos pertinet

Adhatoda Fusticia spicis axillaribus oppositis; bracteis ovatis acutis nervosis

Symb. bot. 2. p. 16

Adhatoda Laylarensum Heron. Lugd. 6. 642. t. 643. Planch. alt. 9. t.

173. f. 3.

Fusticia adhatoda; arborea, foliis lanceolato-ovatis persistentibus, corolla
nuda galea concava Lin. fl. 2. 16. 16. ~~16.~~

Habitat in Calcutta & India orientali ^{alternatim;}

Rami articulati, glabri, in summitate compressi; articuli apice latiori-
bus. Folia lanceolata ~~vel~~ tripolliciana et ultra, lanceola-
to-ovata, integerrima, supra glabra, subtus villosa interdum quoque
glabra. Petiolus brevissimus. Spica versus summitatem, peduncula-
ta. Pedunculus folio brevior, inferne obscure velut rugosus, superne
crassior, ad insertionem florum articulatus; articuli compressi. Flores oppo-
siti, solitarii; Bractea sub ^{flora} singulo, glabra, venosa; alia duo lanceola-
ta, basi angustiora, calyce longiora, glabra, ad basin calycis. Calyx
quinquepartitus: lacini lanceolato, glabro. Corolla magna: labium su-
perius oblongum; inferius trifidum, laciniis oblongis
variet bracteis ovatis cordatis et ovatis.

Serna Veronica floribus solitariis, foliis ^{pedunculatis} digitatis - ^{concremis} partitis, ^{floralibus in cymis} pedunculatis calyce brevioribus
J. V. Th. in 23. Syn. pl. p. 19. 36. Flor. D. 252. Pollich. h. 21.

Veronica humilis erecta montana, flore parvo caulesc. Dill. app. 38.

~~*Veronica foliis ovatis, tripartitis et quinque partitis, floribus brevissime petalatis*
H. Hall. h. p. 452.~~

Habitat in Suecia, Germanis, Hispanis andis apricis ☉

Caulis ^{velofus} digitalis basi ramosus. Rami ascendentes altitudine caulis. Folia sessilia opposita 3 f: 5 partita lobis inter-^{venis} inaequalibus intermedia maiore oblongo: ^{lineari} ^{lanceolata} integra alterna. Flores pedunculati solitarii, pedunculis foliis ^{longioribus} ^{duplo} brevioribus. Calycibus pedunculo longioribus quadrifidis ^{lineari-lanceolatis}. Capsula cordato-subrotunda ^{longitudine} ^{duplo} brevior.

Veronica pennatifida floribus solitariis, foliis pennatifidis pedunculo longioribus La Mart. T. Enc. pag 47

102
reperi ~~no~~ Justicia spicis axillaribus Terminalibusque secundis glabris, bracteis dorsalibus
bifariis lanceolatis margine membranaceis. Symb. bot. 2. p. 16
Cochlosoma spicata, flosculos ex foliis membranaceis Burm. Jap. 7. t. 3.

fig. 2.
Justicia repens, foliis ovatis, spicis terminalibus, bracteis lanceolatis,
caule repente Lin. Fl. Jap. 20. f. 67.

Habitat in India orientali.

Caulis basi repens, diffusus. Rami oppositi, decumbentes, angulati, glabri.

interdum
minora

Folia petiolata, pollicaria vel parum ultra, ovata, basi attenuata vel elliptica,
lanceolata, obtusiuscula, plerumque integerrima, raro obscure crenata,
oculo armato subpilosa. Pedunculi axillares et terminales, bracteis solitariis
apice diphyllis. Spicis subcylindricis, pollicares. Flores secundi, oppositi
solitarii, imbricati. Dorsalis bracteis lanceolatis, cuspidatis, imbricatis, traxerunt
in Bracteis tunc ad basin singuli calycis, unica anterior, ovato-subro-
tunda, margine lato membranaceo, laterales calycem involvantes, lanceo-
lato. Flores secundi, oppositi. Calyx quinque partibus: laciniae subro-
tundo, aequales

Veronica

Habitat in Syria herb. Desfont.

Caulis prostratus, struthamoi, filiformis, subramosi, viciari. Tota fere, unguis
lana; linearia, est prope sensum parum latera, viciaria, profunde serrata. Raca
muri Verminali, longus; folia floralia opposita, linearia. Pedicelli axillares, soli
tarii. Calyx 4fidus: lobis linearibus, villosis. Capsula compressa, calycem squa
miforme, villosa.

pectinata Justicia spicis axillaribus Terminalibusque secundis villosis, bracteis
 dorsalibus ^{concoloratis} trifariis basi margine membranaceis. Symb. bot. 2. p. 16.

Justicia pectinata; diffusa, spicis axillaribus sessilibus. Tomento
 sicut secundis dorso imbricatis semilanceolatis Lin. Am. Rei. 4.
p. 299. Syst. V.

Justicia parviflora. diffusa, foliis ovatis integris, spicis secundis,
 bracteis lanceolatis: anterioribus alatis Retz. obs. fasc. 5. p. 9.
Habitat in India Orientali &

Caulis epithyma, diffusi, filiformes, tetragoni, angulis pilis reversis
 adpressis. Folia petiolata, unguiculata vel parum longiora, oblonga
 obtusa in sculo, ope lentis pilis raris adpressis. Spicis ^{pedunculatis} solitariis Pedunculis
 bi foliatis, apice diphylli, longitudine foliorum. Spica pollicaris. Brac-
teae corpules ^{interius tantum} marginibus tenuissimis membranaceis, calycis ^{antheris} usque non
 marginatis, cuspidato, ciliatis; her interiores villosae, anteriores margine lato
 membranaceo cincta, subrotunda, omnes uti calycis et villosae.

odora Justicia flonibus axillaribus oppositis, foliis subrotundis

Deandhera odora Tosph. Desir: pag. 8.

Justicia cortex cinereus, ramofus. Rami oblique tetragoni laev
falis quatuor exarati

Folia petiolata, ovalia s. subrotunda, coracra avenia s. mucrona
ta

104 ~~104~~ 107

infracta. Justicia species axillaribus terminalibusque secundis subtomentosis,
bracteis dorsalibus bifariis ovatis, foliis demarginatis.

Habitat in India Orientali Laur. Burmana.

Caulis semipedalis, basi repens; articulis infractis, tetragonis, angulis pilo-
sis. Folia petiolata, pollicaria, ovata, basi attenuata, integerrima vel obscu-
re repanda. Pediculi pollicares, apice diphylli. Spica brevis. Bracteis

~~ad basin calycis, prole dorsalibus. ex~~ dorsales ^{absque} margine non mem-
branae (demarginatae prole), prole ^{tres} ad basin singuli calycis,
unica exterior margine lato membranacea cincta, interiores lineares,
membranaceae, tenues, uti exterior villosissima.

Repente differ: bracteis interioribus villosis-lanuginosis, a pectinato mar-

Abioteanogine nulli bi membranaceae, species crossisibus.

supradata
anflato

Justicia floribus axillaribus verticillatis, bracteis cuneatis angustatis
antheris geminis

Dianthera verticillata Torr. Desf. pag. 9.

Similis Justicia chinensi ut fere mere varietas differt modo figura
bractearum et numero antherarum

105

~~106~~

Sanqui volens Justicia pedunculata axillaribus solitariis unifloris aedernis,
 foliis oblongis, caule repente. Symb. bot. 2. p. 10

Habitat in umbrosis declivibus Caylonæ.

Caulis herbaceus, simplex, basi repens, geniculatus; articuli inferiores bipollicia-
 res, superiores unguiculares. Folia ~~petiolata~~ pollicaria, plerumque integri-
 mo, rarius obscure crenata, obtusa, glabra. Petiolus folio duplo vel triplo
 brevior. Pedunculi perperne imbricati squamis sex minutis, setaceis oppo-
 sitis. Calyx ^{quin}quefidus; laciniis setaceis, tubum corollæ superantes.
 Corollæ tubus brevis; laciniis superioribus oblongis, emarginatis; inferioribus duplo
 brevioribus, longitudine superioribus, pubescentibus; laciniis lanceolatis.

non desct.

Lappago V. ~~floribus solitariis~~ folus subicunei formabus 3-5 angulis
angulis obtusis Schrank bayer. fl. 1. p. 210
Morus gallina folio hederae Lob. obl. 247
Habitat in Bavaria

an var. Ver hederae

non vid.

106 107

~~107~~
Compositae Justicia foliis ellipticis thyrsis terminalibus subimbricatis pubescentibus, foliis ellipticis
120
Ex herbario

Habitat in America meridionali Royenii

Caulis herbaceus, tetragonus, crassitie penno asperus, glaber. Folia petiolata, ^{tri-quida} 3-4 pollicia
nervi, elliptica, glabra, integerrima, subarenata. Thyrsus terminalis caulis et ramorum
semipedalis e pedunculis geminis; inferiores longitudine interstitiorum, superiores
longiores: pedunculi pariales oppositi. Flores sessiles, imbricati. Bractea lanceolata
et villosa, attenuata, calyce longiore, terminales subimbricatis. Corolla villosa:
lobum superius indivisum, fornicatum. Anthera gemina, altera supra alteram

~~4 p. anthera~~

~~4~~ — Dianthes

107

108 ~~105~~

betonica Justicia spicis terminalibus, bracteis ovatis acuminatis veno-
so-reticulatis, foliis lanceolato-ovatis petiolatis.

Betonica frutescens Bont. javan. 146.

Bem curini Rheed. Mal. 2. p. 126. t. 21.

Justicia betonica; fruticosa, foliis lanceolato-ovatis, bracteis ovatis
acuminatis venoso-reticulatis coloratis Lin. Fl. Belg. 10. ~~107~~

Habitat in India Orientali. †

rami obscure angulati, articulati, glabri; ^{articuli;} superne parum latiores. Folia
petiolata, pollicaria, glaberrima, margine inaequalia. Petiolus bre-
vis. Spica bi- sive tripollicaris. Bracteo opposito, imbricato, pallido,
venis in ridibus reticulato, subsempollicares. Glomeri solitarii, op-
positi. Calycis laciniis lanceolato, villosis. Anthera superior globosa;
inferior basi aristata; arista membranacea, albida.

arenaria Austriaca

Boissier.

Herb. Mus.

Rami, et petioli villosi. Folia pollucaria, ovata, obtusa, integerrima, fultur villosiora,
Pedunculi axillares, pedicelli 3-4. umbellati, incani. Bractea subulata sub pedi-
celli: prope ovata, mucronata, et ca bractei

Dianthem.

108
Trinervis 109. Justicia spidis terminalibus, bracteis lanceolatis coloratis trinerviis
foliis linear-lanceolatis sessilibus

Habitat in India orientali. Rottler

Caulis herbaceus, erectus, teres, ramosus, glaber: Rami alterni. Folia
sesquipedalia, sesquipollicaria, obtusa, integerrima; ^{glabra} supra avenia, subtus

subvenosa. Spica terminaliter brevis, ovata. Bractea calycis longiori
acuta, basi alida, nervis tribus distinctis picta. Calycis ^{laciniis} foliis linear-
lanceolatis, glabris. Corolla extus villosa. Capsula pubescens.

affinis f. betonia ~~antennaria~~ Anthera inferior basi acuta

alba
Affinis f. betonia.

cinereo

Turf: ~~Solis obtusi glanduloso dentate~~ Willden. spec. pl. pag. 194
Habitat in Guinea 5

non vid.

104 ~~III~~ 110
reticulata Eusticia spicis axillaribus terminalibusque filiformibus, floribus
distantibus, bracteis setaceis, foliis oblongis obtusis.

Habitat.

Adm. ignota. Hab. Tama. Ex herbario Lamarckii.

Caulis herbaceus, basi repens, epithamosus, subramosus. Folia subpetiolata, semi-
pollicaria, basi acuta, integerrima, venis pallidioribus reticulata, utulo armo-
to albo lineolato. Spicis bipollicaribus. Flores parvi. Corolla ringens. Antherae
una supra alteram.

hederacea Justicia speciosa Terminalibus brevis foliatis, foliis subcordatis obla-
^{longis} ^{deligis} ^{Crenatis} ^{Caule repente}
Habitat in terra herb. ~~herb.~~

Caules repentes, herbacei, pilosi, canescentes. Folia petiolata, oblonga, basi subcor-
data, crenata, obtusissima, pilosa, subtus pallidiora, venia, nervis remotis, ob-
scuris. Flores in apice, impura brevis foliata, oppositi.

11R. No 22

reflexiflora *Justicia* specie axillaribus terminalibusque pubescentibus, bracteis linearibus, foliis linear-lanceolatis oratisve.

Habitat in glareosis montosis St. Thome Richard

Caulis infer^{ne} pubescens, ascendens, debilis, tenuis, glaber, laevigatus. geniculi atropurpurei. Rami plantae vix elongati. Folia petiolata, bipollicaria, ~~sepe~~ ^{plena} ~~linearis~~ lanceolata, basi versus apicem latiora, interdum ovata, utrinque attenuata, nervosa, arena, glabra, integerrima, in umbrosis petiolis foliisque reflexis. Spicae axillares et terminales, vix semipollicares, subsessiles. Bracteis tres lineares ad basin calycis. Calyx ^{opaco} ~~opaco~~ partitus: laciniis linearibus interdum linear-lanceolatis, unguiculatis, acutis, uti bractea oculo armato villosula. Corolla semipollicaris, dilute violacea, interdum subpurpurea, extra oculo armato villosula, ringens: Labium inferius ^{trilobum} lobum superius breviter bifidum. Lobi obtusi. Filamenta superiora oculo armato pilosa aliquot. Anthera una supra alteram. Capsula turbinata, villosa, pubescenti, calyce longior. a Carthagineasi differt bracteis.

humifusa Justicia spicis terminalibus ^{umbellatis} filiformibus; foliis ovatis cordatisque, caule decumbente

Justicia humifusa; caule herbaceo decumbente, foliis ovatis cordatisque, spicis umbellatis Swartz prodr. p. 14. Fl. Ind. occid. p. 35.

Habitat in aquis Jamaicae O

Caules aggregati, basi repentes, dichotomi, tetragoni, glabri.

Folia breviter petiolata, unguiculata, juniora cordata, adulescentia ovata, acuminata, obtusa, glabra, venis ornata ^{lineatis} ~~longe~~ albidis

Lineolata immatura dispersa. Spicis tres, ^{publi} ~~pollicares~~ pollicares. Flores distantes, subsecundi, parvi. Bractea minuta, uti laciniis calycis linearis. Corolla

loba labium ~~sup.~~ inferius trifidum. Stigma simplex.

laciniis 7. comato.

Secunda Phacelia ~~Hayden~~ gen. pls pag 129

Habitat

Solia alterna pennata caulis herbaceus

non vidi

~~1 112 116 ff~~ **113** acutus glabris longatis
~~secundiflora~~ foliis ellipticis, obsolete crenatis, spicis axillaribus racemosis ~~secundifloris~~
solitariis alternis

Dianthera secundiflora: foliis lanceolato-oblongis obsolete crenatis, pedunculis solitariis polystrachyis, floribus secundis Fl. Peruv. 1. p. 11. tab. 15 fig. 2
Habitat in nemoribus Peruviae

^{caulis} Caulis herbaceus, tripedalis, ramosi, latices sexangulati, glabri, dilute purpureo
rubescentes. Folia petiolata, patentia, venosisima. Pedunculi solitarii
foliis longiores, purpurei, pubescentes. Spica opposita pedicellata, simpli-
ces, interdum bifida. Bractea subulata, parva ad base pedicellorum et duo
similes sub calyce. Calycis laciniis ^{quin}que subulatis. Corolla purpurea. Labrum
integerrimum, inferius trifidum, laciniis ovatis. Fl. Peruv. 1. c.

~~112~~ **114** secundiflora

~~112~~ Justicia spicis axillaribus racemosis longatis, floribus ^{secundis} alternis, foliis
ellipticis obsolete crenatis acutis glabris

notum

~~Justicia~~ ~~racemosa~~ // 11/7

~~racemosa~~ ~~Justicia~~ ~~racemosa~~ ~~integerrima~~, racemo terminali pedunculato
in senioribus dichotomis superioribus indivise unifloris +
Justicia racemosa, foliis ovato-lanceolatis, pedunculis dichotomis, floribus
racemosis. Fl. Peruv. 1. pag. 9 t. 11. fig. 6.

Habitat in Peruvia nemoribus 4

Caulis herbaceus, tripedales, villosus, erectus, obtuse tetragonus, quadriflorus,
striatus, ramulosus: Rami fragiles, folia patentia, venosissima. Pedunculi
partiales bini vel terni utriusque ^{inferioribus} semel vel bis divisi. Bractea ^{duo sub}
Cato ad basin pedunculorum et pedicellorum, tres sub singulis calycis.
Calyx ^{quinque} partitus, laciniis lineari-lanceolatis. Corolla purpurea calycis
triplo longior. Labium superius concavum carinatum, internum inferius
anthera multo ^{leviter} tri-crenatum. Stamina longitudine corollae. Capsula bilobulata
Ternis lani. Fl. per. l. c.

~~racemosa~~ ^{11/7} ~~Justicia~~ ~~racemosa~~ ~~terminalibus~~, pedunculis inferioribus dichotomis, superioribus
indivisis unifloris, foliis ovatis attenuatis integerrimis +

~~anthera~~ ~~racemosa~~ ~~anthera~~ ~~altior~~ ~~panca~~ ~~infra~~ ~~altior~~

~~racemosa~~ ~~anthera~~ ~~altior~~ ~~panca~~ ~~infra~~ ~~altior~~
racemosa

appendiculata ~~†~~ Justicia spicis axillaribus umbellatis, foliis lanceolato-oblongis
 basi subsagittatis undulatis basi subsagittatis. †

Dianthera appendiculata; foliis lanceolatis undulatis basi appendicula-
 tis; pedunculis solitariis ternisque, tri-quinquefidis parallelis. Fl.
per. l. p. 12. v. 11. f. a.

Habitat in Pensis nemoribus umbrosis.

Caulis herbaceus, terribilis, erectus, obsolete angulatus, vix divisus,
superne purpurascens. Folia petiolata, fere quadripalmata,
 basin versus sensim attenuata, obtusa, utriusque lobo rotundata
 desinentia, integerrima, venosisima, apice acuta. Pedunculi soli-
tarii; bini vel terni, tri-quinquefidi. Flores alterni, basi Bra-
ctea lanceolata, alio tres similes sub calyce. Calycis lacini quin-
que, lineari-lanceolata. Corolla purpurea, calyce quadruplo longi-
or: Labium superius integrum: inferius trifidum. Anthere anisota-
ta. Semina granulosa. Fl. per. l. c.

~~tomentosa **¶** foliis ovatis dentatis tomentosis acatis, pedunculis axillaribus foli
 variis geminis, ^{mult. flori} pedicellis subquadrifloris caule repente
 Dianthera repens: foliis ovatis acatis, pedunculis solitariis geminis
 quadri-^{quin}fidis, floribus ^{ditobus tribus} 2-3 in singulis binis bracteis. fl. penur. 1 p. 7. 10 1/2
 15. 4. 6.~~

Habitat in fissuris rupium. Lima 4
 Caulis plures, suffruticosi, pedales, obsoletis fixi angulares, cinerei, ramosi.
 folia breviter petiolata radicalia ovata subrotunda, remote denta
 ta. Pedicelli 4-5 in singulis pedunculo, bracteis ^{brevissime} duobus subulato pubescenter
 ad basin pedicellorum. Floris 2-3. sessiles in singulis pedicellis. Bractea
 duo, sub cunei formae, altera parum brevior, brevissime acuminata, con
 cavo utroque glanduloso. Duo alia subulata glandulosa, sub singulis
 calyce. Calycis laciniis 5 ^{oblongis} apice glandulosis. Corolla rubra, extus
 pubescenti. Labrum superius corollae integerrimum subgaleatum. inferius
 concavum, levissime tridentatum. fl. p. l. c.

¶ *Quadrifida* pedunculis axillaribus subsolitariis subquadrifloris, foliis ovatis to
 mentosis acatis, caule repente +
 rugens

116 ~~116~~

Viradiola

Jalappa folio Tusitica umbellata pedunculata dichotoma, bracteis lanceolatis,
et alile superne dichotoma, foliis ovatis subcrenatis

Habitat in Java. Herb. Thoninii.

Glabra. Caulis herbaceus. Folia petiolata, bipollicaria, attenuata,
extremum obsolete crenata, subserosa. Pedunculi bipollicares,
apice pedicelli tres umbellati; laterales triflori, inter medius quinque
florus; axis unguicularis. Calyx bracteis duobus, ovatis, parvis ad basin pedi-
cellorum; floralis acuta, calyce parum longioris. Calycis laciniis
pubulatis. Corolla purpurea. Labium superius, oblongum concavum,
integerrimum; inferius emarginatum. Anthera una supra alteram,
lineares, angusta, ~~et~~ ~~longa~~. St.

pedicelli

Dianthem. hyp. aff.

117

117 # #

~~Callisth. triflori~~

~~bracteis cuneiformibus~~

ternis 2-4 / pedic.

~~foliis oblongis pubescentibus, pedunculis axillaribus, trifloris~~

#

Dianthera multiflora; foliis oblongis, pedunculis ternis ^{bi-quadr} ~~2-4~~ pedicis, floribus

^{tribus} ~~2~~ in singulis binis bracteis. Fl. penins. 1. pag. 10. Tab. 14. fig. 6.

Habitat in Penins umbosis O.

Caulis sesqui-pedalis, erectus, inferne ramosus, sex angularis, hispidulus. Folia petiolata, acuta, integerrima, utrinque pubescentia. Bractea lineari-subulata ad basin pedicellorum. ^{glabris} Flores sessiles duo vel tres in singulo pedicello inter binas

bracteis cuneiformes, proterea bracteis duo alia infra singulum calycem lineari-subulata pilata. Calycis laciniis ^{quibus} ~~que~~ subulatis, pubescenter.

Corolla perispermica; ~~ragana~~ Labium inferius tridentatum. Fl. per. l. c.

~~# Justicia pedunculata axillaribus ternis ^{quadr} ~~2-4~~ pedicellis ~~bifloris~~,
bracteis cuneiformibus, foliis oblongis pubescentibus +~~

multiflora ¹¹⁰ ~~117~~ Justicia umbellatis axillaribus ternis bi-quadrinodatis, bracteis cuneiformibus, foliis oblongis pubescentibus, caule erecto +

sinjor

118 #9
tomentosa ~~112~~ Justicia umbellatis axillaribus subsolitariis ^{quadrirotatis} subquadrifloris, bracteis
cuneiformibus, foliis ovatis tomentosis, caula repente. +
Dianthera repens; foliis ovatis, acutis, pedunculis solitariis geminis que
quadri-quinquefidis, floribus duobus-tribus in singulis bionis bracteis.
Bl. penw. 1. p. 10. t. 15. f. 6.

Habitat in fissuris rupium hinc

2161.
[Caules plures suffruticosi, pedales obsolete hexangulares, cinerei,
ramosi. Folia breviter petiolata, radicalia ovata subrotunda, remo-
te dentata. Pedunculi solitarii vel gemini: pedicelli brevissimi,
quatuor vel quinque in singulis pedunculo, bracteis duobus subula-
to ad basin pedicellorum. Flores duo-tres in singulis pedicello. Bractei-
dua, subcuneiformes, altera parum brevior, brevissima acuminat-
ta, concava, utrinque glandulosa, imbricantes flores duos-tres. duo-
alia subulata, glandulosa sub singulis calycis. Calycis laciniis quin-
que, villosa, apice glandulosa. Corolla rubra, extus pubescens:
labium superius integrum; inferius concavum, levissime tridentat-
um Bl. per. 6. c.

120
infirmitas
hispidula
119

herbifera, foliis ovatis acutis integerrimis, pedunculis axillaribus ternis
nibusque geminis bifloris, bracteis oblongis, foliis ovatis acutis integerrimis
Dianthera hispida, foliis ovatis acutis, pedunculis geminis, floribus duobus in
singulis binis bracteis fl. Peru: 1. pag. 11. tab. 13. fig. 6.

Habitat in Peruvia nemoribus

Tri-Sea Caulis herbaceus, bipedalis, simplex, erectus, tetragonus, quadrifidus ^{stus}, super
articulati ne foliosus, villis ~~bracteis~~ ~~terminalibus~~. Solia petiolata. Bractea acuminata,
altero brevior: duo subulata sub singulo calyce ejusque longitudine. Lacinie
Calycis ^{lobis} subulata, aequales. Corolla lobis saepe minus erectum, concavum: infer
Lacinis nis trifidum: lacinis obtuse reflexis ~~fl.~~ fl. Per. l. c.

Sine turam coeruleam dat et est bicolorata, aqua respersa papayum color
Coeruleo inficit. id.

120
19
Austria
triflorus. *Quellia pedunculis axillaribus subtrifloris floribus sessilibus, foliis oblon-*
gis obtusis. Symb. bot. 2. p. 16

Dianthera triflora Wurthi. Deser. p. 7.

Habitat in Arabia.

Fructus rigidus: Rami oppositi, distorti, circatricati, teretes, apice tetrago-
ni, cortice cinereo, pubescentes, inferne aphylli. Folia petiolata, polli-
caria, approximata, integerrima, coriacea, avenia, nervosa; venella
pubescentia. Pedunculi petiolo duplo breviores, solitarii, oppositi,
bi- & triflori. Floribus sessilibus. Bractea utrique ad apicem pedunculi,
lanceolata, calyce longior; alia ad basin singuli floris, ovata, cinea
nascens, calyce brevior. Calyx quinquefidus: laciniis lanceolatis, &
pubescentibus. Corolla sesquipollicaris: labiis aequalibus; superius lan-
ceolatum, obtusum, integrum; inferius trifidum, laciniis linearibus.
Stamina longitudine corollae. Stylus corollae longior.

~~NO. 112~~ 127

Moretiana Justicia floribus axillaribus solitariis terminalibus & pinnatis,
foliis lanceolatis *

Achrota, flore solitario ex singula foliata proveniente Burm.
Thesaur. Zeyl. p. 7. t. 3. f. 1.

Justicia moretiana, herbaeae, foliis lanceolatis integerrimis, floribus
axillaribus, solitariis Burm. Fl. Indica p. 10. excluso synonymo
Rumph.

Habitat in arenosis India

Solis glabra. Corolla lobium inferius trifidum Burm. Thes. l. c.

An flores terminales & pinnati? an monantha? ob similitudinem cum in se
quente huc locari.

hysopifolia Justicia ~~Justicia~~, foliis lanceolatis integerrimis, pedunculis trifloris antei-
petitis, bracteis calyce brevioribus L. V. p. 62. 15. Sp. pl. 21. 7. Mull. dict. Tab. 13.
Ecbolii Indici s. Adhatoda cucullatis floribus omula, hysopifolia, Planta et
Insulis Fortunatis Pluta. Alm. 132. Tab. 200. f. 1.

Justicia foliis linear-lanceolatis, floribus saepius solitariis Hort. Cliff. 10.
Habitat in Insulis Fortunatis

Rami glabri articulati supremis compressis ut in affinis. Folia sub petiolo
la lanceolata, glabra, integerrima, obtusa, basi attenuata. Pedunculi
axillares triflori interdum uniflori parum supra medium bracteis
binis oppositis lanceolatis, nulla sub calyce. Calycis laciniis lanceolatis
+ Corolla ^{rotunda} duplo brevioribus ^{Corolla flavo-rosea} Labium superius oblongum integrum
+ Corolla ^{rotunda} ^{flavo-rosea} ^{nudis} ^{sepius} ^{trilobum}

~~121~~ 122. ~~122~~
hyssopifolia Fusticia pedunculis axillaribus subunifloris; foliis lanceolatis obtu-

gulis
Ecbolie indici: s. Achatoda cucullatis floribus omula, hyssopifolia
planta ex insulis fortunatis Plukn. Alm. 132. t. 200. fig. 1.

Fusticia hyssopifolia; fruticosa, foliis lanceolatis integerrimis, pedun-
culis trifloris axillaribus, bracteis calycis brevioribus Lin. Sp. Veg.
p. 63. Mill. Dict. t. 17. p. 13.

Habitat in insulis Fortunatis &

rami glabri, articulati, supremi compressi. Folia subpetiolata, glabra
integerrima, basi attenuata. Pedunculi ^{uni} triflori, bracteis duobus opposi-
tis versus medium pedunculi, lanceolatis, nulla sub calyce. Calycis
laciniis lanceolatis, corolla duplo brevioribus. Corolla pallida flava
pubescens: labium superius oblongum; inferius trilobum *

Coarctata 9 ~~*umbella fasciculata*~~

Dianthus umbellae coerulea, umbella fasciculata sepli simplicis sicut Forst

prodr. pag 4

Habitat

Dianth Forst

non ordi

123

~~124~~

orchioidei et Justicia pedunculata axillaribus solitariis unifloris, foliis lanceolatis
 utrinque acutis. Symb. bot. 2. p. 10

Justicia orchioidei; foliis ovatis sessilibus, floribus axillaribus solitariis pe-
 dunculatis Lin. Suppl. p. 85

Habitat in Cap. b. spei 5

Orbiticulus rigidus, glaber. Rami alterni. Folia sessilia, semiconvexa
lancea, versum versus sensim minora, rigida, crassiuscula, arenaria,
nervea integerrima, apice pungentia. Pedunculi longitudine foliorum.
~~solitarii~~. Bractea bina in medio pedunculi, decidua. Calycis lacinia
longa petalaeo, subaequalis.

capitani & caule herbaceo repente foliis obtusis, spica terminali indiviso

Sw. prod. pag. 14.

Habitat in Domingo O

Decanthes

Caule filiformi angulato glaber. Sola petiolata integerrima vix unguiculata
nervosa asencia interdum acuta spica glabra, spica brevi 3-5 flora bracteis
& scapulata calycis brevior. Calycis lacinis simillimo bracteis, sive

11

124

125

Capensis 122

Justicia floribus axillaribus sessilibus foliis lanceolatis obtusis villosis =
si. †

Justicia capensis; fruticosa, villosa, foliis lanceolatis obtusis, floribus
axillaribus & sessilibus - Thunb. prodr. 104.

Habitat in Cap. b. Spei

An hujus sectionis?

Justicia Capensis: foliis lanceolatis integerrimis, floribus axi-
 laribus sessilibus pubescentibus, bracteis pubescentibus
 calycium 5-lobis. T. var. 104
 Thunb. in Cap. b. Spei
 Thunb. prodr. 104
 Thunb. prodr. 104

Thymi folia ³⁹ Justicia species terminalibus; calycibus tetraphyllis, foliis ovali,
caule procumbente

Habitat in India orientali. Vixit frequens ad vias.

Caules herbarici, procumbentes, diffusi, geniculis infractis, angulatis,
glabri. Folia petiolata, magnitudine Thymi serpyllii vix majora, glabra
arvensis, energia, integerrima, acutiuscula. Spicis terminalibus, pedun-
culatis, semipollicares. Flores parvi, oppositi, solitarii. Bracteis linea-
res, calycis brevioribus. Calycis foliola linearia, marginibus membranaceis, epi-
lenti sillorula.

4 of oldenb., Yoncos

an modo varietas Justicia procumbentis?

~~Psychotria speciosa atteribus Norm. nobilissimus umbrae videri, in
arabibus, ^{attingit} ~~attingit~~ ^{barroxi} ~~barroxi~~
Habitat in Bengala. Richard
Caules herbarici erecti, bipartiti, ramis oppositis, carinatis.~~

125 126 126

Cuneata *Justicia* floribus axillaribus solitariis sessilibus, foliis obovatis emarginatis

Symb. bot. 2. p. 10

Habitata Cap. ~~126~~ 3. p. 5

Fruticulus rigidus, ramodius, cortice cinereo: Rami ramulique oppositi, patentes, angulati, articulati, adis tuberculo parvo utrinque ad apicem singulari aciculi. Folia sessilia, vix semiconvoluta, crassa, supra arena, subtus venosa, integerrima, emarginata. Flores alterni, basi bibracteati. Bractea linearis, longitudine calycis. Calyx quinquefidus: laciniis linearibus lanceolatis. Corolla fere Just. hyssopifolia. Anthera gemina altera supra alteram, inferior basi aristata alba, apice inflexa.

armata & fimbriata, aculeata, foliis oblongis emarginatis coriaceis nitidis

Sw. prodr. 13.

Habitat in Jamaica & Swato

Rami glabri cortice cinereo subtetragonis. ^{vel} Solia plerumque gemina petio-
lata pollicari glabra, firma supra nitida, avenia basi attenuata,
hinc axillares, patentes, rigida, foliata, longitudine $\frac{1}{2}$ petiolorum.

geminata

oblongo cuneato cuneati gemine

unus

Tranquebariensis *Justicia* floribus axillaribus solitariis sessilibus Terminalibus
 Spicatis, ^{bracteis orbiculatis} foliis obovatis, ramis inclinis.

Justicia Tranquebariensis suffruticosa, caule tereti, foliis orbiculatis
 spicis Terminalibus solitariis, bracteis orbiculatis Lin. Suppl. p. 25

II Habitat in Tranquebar

Caulis fruticosus. Rami teretes, oppositi, diffusi. Folia petiolata, angustata,
lanceolata, basi acuta, integerrima, venis inclinis. Petioli longitudine fere
folii. Flores parvissimi in spica foliacea. Stiles axillares solitarii, supero-
variat foliis majoribus et minoribus # ver in spica foliacea.

II *Justicia parvifolia*, fruticosa, caule ramoso tereti albicante, foliis orbiculatis,
 floribus sessilibus axillaribus solitariis L. Mart.
Dict. bot. t. p. 627.

Gangetica Justicia foliis ovatis, racemis simplicibus longis, floribus alternis secundis,
bracteis obsoletis L. N. p. 63. 29. Amon. Ai. 4. p. 299. * Spec. p. 24. 10.
~~Cera. Camerim. B. h. Mal. 9. p. 109. 156.~~

Habitat in India

Caulis herbaeus tetragonus & genicula pubes. folia breviter petiolata, ciliata
versuta, glabra et marginibus basi ciliata. Racemi ex aliis foliorum superiorum
foliis longi erecti ciliati flores alterni secundi subsessili erecti. Brac-
teae subulatae geminae. Calyx oblongus hepaticus. Corolla magis ulata

127 120

odora Justicia floribus axillaribus sessilibus oppositis, foliis subrotundis

Di. Synb. bot. 2. p. 11.

• Dianthera odora Torbk. Desc. p.

Habitat in Arabia 3

Stem ramosus, cortice cinere. Rami obscure tetragoni, sulcis
quatuor exarati. Folia petiolata, vix pollicaria, ovalia vel bistro-
tunda, coriacea, arenis, microriata.

variegata ~~♂~~ Specis terminalibus, floribus quatuor verticillatis, foliis elliptico lanceo-
latis integerrimis, caule ~~fruticosa~~
Fruticosa variegata, foliis ovatis integerrimis, specis terminalibus verticillatis;
verticillis quatuor floris Aubl. pl. Gu. p. 12. tab. 4
Habitat in Guiana
labium superius bifidum inferius trifidum

Aubl.

non vidi

128

129

#

axillaris

in fundibuliformis Justicia spici terminalibus, bracteis imbricatis lanceolatis
villois, foliis lanceolato-ovatis quaternis
Manja Hurini Rheed. mal. g. p. 121. t. 62.

Justicia ~~in~~ fundibuliformis; fruticosa, foliis lanceolato-ovatis quater
nis, bracteis lanceolatis ciliatis lin. spec. pl. 21.

Habitat in India orientali, in Arabia Sophal 5

Rami teretes: folia ~~ovata~~ ^{verticillata}, verticillato-quaternis, superne confu
ta, bipollicaria, integerrima, glabra. Petiolus foliis duplo brevis.

caulis. pedunculi foliis duplo longiores, erecti, teretes, pubescentes,
solitarii. Spica oblonga, distiche imbricata. Bracteis externis nervis ac
iliatis, acutis, concavis, ~~lingulatis~~ ^{unquiculatis}, internis geminis, linearibus, pubes
centibus, lon

gitudine externorum. Calyx quinque partitus, laciniis apice pubes
centibus, lanceolatis, laterales lineares. Corolla speciosa. Tubus filiformis

bracteis longior: limbus quinque fidus, planus, laciniis oblongis, emarginatis,
in forma parva maiore. Arabia villois quam indica.

Calycis simplis, corollis subaequalibus

decem lobis subregularibus

91

* * * * *

#

hexangularis Justicia foliis ovatis integerrimis, bracteis lanceiformibus, ramis hexan-
gularibus S. V. p. 63. 23. Spec. pl. 23. 13.

~~Euphorbia, alpinis majorifolia, flore galeato pallide lacteo, jamaicensi Planch
alm. 142. 4. 279. 6. ad aliam plantam referret~~

~~Justicia annua, tetragulari caule, foliis circis conjugatis, flore minato
Amm. Herb. 274. Her. Cliff. 10.~~

~~Habitat in Vera Crucis, Jamaica O.
anguli caulis pelosi. ^{Folia mucronata} Pedunculi in flori apice in volucro diphylo
pediceo. bracteo bino calycem tegentibus, mucronatis. Calyx bracteis bre-
vior~~

~~non~~ vid. in herb. Martini

129

128 130

axillaris

Justicia spicis terminalibus imbricatis, bracteis oblongis venosis
foliis que ovatis acuminatis

Habitat in India Orientali Rottler. 5

per petiolum
panum decurren-
tia

Caulis fruticosus, ramosus: rami tetragoni, glabri. Folia petiolata, opposita
patantia ^{bi-tri} bina ~~tri~~ pollicaria, inferiora interdum oblonga, per petiolum
panum decurrentia, obsolete crenata, superiora ovata, integerrima
acumine semipollicari terminali glabra, arcuatim nervosa,
subtus subseriosa. Pedunculi et axillis ultimis et terminalibus
solitarii, foliis duplo brevioribus, tetragoni. Spicis oblongis, longitudine
pedunculi, bracteis oblongis, aristis subperispermatis terminalibus, palli-
dis, venis paturatis coloratis reticulatis. Corolla infundibuliformis
sesqui-pollicaris. Tubus apice panum latior: limbi laciniis oblongis.
antheris parallelis.

Virg. semipolli-
Carl. 1.

Cavanilla
sexangularis Justicia foliis ovatis acutis floribus axillaribus subventricellatis
subferrugineis pedunculatis; caule hexagono
~~Justicia sexangularis Cavan. Ic. vol. 3. Tab. per 2. Tab. 203.~~
Habita in nova Hispania 4
Corolla bilabata labrum superius 3dentatum inferius integrum
antheris 2. 1. supra alteram

Diversa a Linnaei reperata michi

130

124-131.

rosea

120

Justicia

foliis ellipticis, spicis axillaribus imbricatis elongatis,
bracteis subunciformibus venoso-reticulatis ciliatis, foliis ellipticis.

Habitat in India orientali.

Caulis herbaceus, erectus; tetragonus, glaber, rigidus; crassitie pen-
na anserina. Folia petiolata, venosa, glabra. Pedunculi axil-
lares, solitarii, basi diphylli, inferne glabri, superne ^{et florum foris} pilosi, patentes.
Flores superne. Bracteis oppositis, semipollicares, oblonge, rigidis
scula, basin versus parum angustate, sessiles, acutiuscula, inter-
stitiis longiores. Flores solitarii sessiles; Bracteis duobus linearibus
ad basin calycis. Calyx brevissimus; ~~quatuor~~ linearibus villosulis.
Corolla infundibuliformis, sanguinea, bractea triplo longior.
Tubus tenuis, rectus, glaber; Limbus subtus in junioribus villo-
sus, latius obovato.

Lucinia

herb Hort Hoffm

fastigiata Justicia racemis axillaribus simplicibus terminalibus subcompositis
fastigiatis, bracteis linearibus, foliis oblongis ovatisque

Justicia fastigiata, foliis ovatis acuminatis, pedunculis fastigiatis,
bracteis linearibus subulatis villosis-hispidis inaequalibus, calyce longis-
simo ~~Lamarck~~ illustr. pl. p. 41.

Habitat in India Orientali ~~Herbario Martii~~. Ex herbario Lamarckii.

Caulis herbaceus, obtuse tetragonus, glaber. Folia petiolata, bipollicina-
ria et ultra, attenuata, integerrima, glabra, pubescentia, supra
nitida. Pediculi villosi viscosi: pedicelli uniflori. Bractea

~~quatuor-quinque~~ villosa, unguiculata, inaequalis, calyce triplo brevior. Calyx
quinque partitus: laciniis subulatis pilosis glandulosis. Corolla
pollicaris: tubus linearis, calyce longior, glaber: limbus regularis,
vis, extus orculo armato villosus. Anthera parallela, villosa.

canescens 7 specis terminalibus imbricatis hinc hinc bracteis subrotundis foliis ovatis
^{obtusis dimp, caule ^{separato}}
Justicia canescens villosa-tomentosa, foliis ovatis specis at illanibus
pedunculatis, caulebus decumbentibus. La Mart. T. Enc. pag 47.
Habitat. in Guinea
in caulis ovatis imbricatis calycis majores.

133 ~~134/134~~

repanda

Justicia pedunculis axillaribus trifidis, foliis ellipticis repandis.

Justicia repanda; pedunculis axillaribus trifidis, foliis ovatis repandis Forst. prodr. p. 112

Habitat in Insula Tanna &

Caulis fruticosus. Corolla hypocrateriformis, Antheris parallelis.

pubescens ^{M umbellis} ~~Justicia pedunculis axillaribus, pedicellis quaternis, umbellatis~~
~~bracteis ovatis subrotundis mucronatis pubescentibus.~~

Habitat in Botany Garden Sabucus, Inf.

Caulis furti osus, ramosis pubescens, teres.

Folia petiolata, ^{bipinnatifida} ovata lanceolata, obtusa, integerrima, juniora pubescentia.

Pedunculi axillares, oppositi, petiolo breviores, apice ~~genuati~~
pedicellis quatuor, subaequalibus, bracteis quatuor, subulatis,
patentissimis, apice parum reflexis, sub umbella

Calyx et bracteis floralibus ut in praecedente, at mucronatis et pubescentibus
duo intermedio majores ut in ~~fructu~~ in affinis.

Capitata pubescens.
M pedunculis axillaribus oppositis quadri flori pedicellatis,
bracteis ovatis - subrotundis mucronatis pubescentibus

134 ~~134~~ 135

Sinuata Justicia pedunculata axillaribus trifidis, foliis lanceolatis sinuato-

pinatis trifidis

Justicia longifolia; suffruticosa, foliis linearibus sinuatis, pedun-

culis trifidis axillaribus Dorst. prodr. p. n. 13

Habitat in Tanna

Rami angulati, glabri, cortice cinereo. Folia petiolata, $\frac{1}{2}$ pollinari
vel ultra, utrinque attenuata, glaberrima: ^{ri} laciniis remotis;
alternis, rotundatis. Anthera parallela.

Rumifusa 4 caule herbaceo decumbente foliis ovatis cordatisque, spicis umbellatis Sw-prodr. p. 14.

Habitat in Jamaica ③

Dianthera

Caulis basi repens dichotomus tetragonus glaber. Folia breviter petiolata ovata basi emarginata nervosa glabra vix armata strigis albis innatis subtomentosa. Spica teres filiformis flouca bipollicaris flores distantes parvi. bractea et foliola calycis subulata. Racemus par 4. comata.

135

136 134 136

parviflora

Justicia floribus axillaribus subternis sessilibus, foliis lanceolatis
 Justicia parviflora; foliis lanceolatis, floribus axillaribus subternis
 sessilibus, corollis minimis regularibus Ortega Dec. 2. 1. p. 1.

Habitat in regno Mexicano

Pubescens. Caulis herbaceus, diffusus, semipedalis. Folia breviter petiolata,
 inter nodos duplo longiora, integerrima. Flores interdum solitarii,
 interdum gemini. Bractea linearis. Corolla tubi basi ampliatas: lacini
 nis quinque limbi subrotundo. Ortega l. l. ~~136~~

~~pubera
pubescens~~

~~Justicia pubescens Folia ovata acuminata, pedunculata lateralibus
ramis paucifloris, bracteis subulatis calycis brevioribus La Mart.~~

~~T. Enc. pag 40~~

~~Habitat in America~~

~~confes. Pluk. tab 279 fig 7~~

Justicia fruticosa miki
~~subsp. fruticosa~~

136

137

Justicia *sinoides* *Justicia* pedunculis axillaribus trifloris, foliis oblongis, caule
inermi

Justicia *sinoides* fruticosa, foliis ovatis glabris, pedunculis subterminis
floris, limbo corollae plano quinque partito. La Mart. Illustr.
1. pag. 37.

Habitat in Madagascar. Commerson, Thourin &

Rami cortice cinereo, glabri, ad articulos dilatati, superne
alternatim compressi, dentata utrinque obtuso cavo post eam
foliis ^{ovatis} ~~triangulatis~~; ramuli axillares, brevissimi. Folia petiolata
pollicaria, obtusa, basi acuta, integerrima, arena, utrinque
glaberrima. Pedunculi axillares, foliis duplo breviores, triflori.
Bractea laterales abortientes. Bractea subulata utrinque ad
basin et duo in medio pedicellorum. Calyx quinquepartitus.
Lacinia subulata, tubo corollae brevior. Corolla infundibuli
formis, extus pubescens: Lacinia oblonga, obtusa. Filamen-
ta corollae breviora. Anthera parallela.

Aliam in herb. *Justicia* vid. pedunculis bifloris, vel pedunculis
brevissimis trifloris, ramis trifloris floris pedicellatis, an modo variantis?

9

Habitat ad Senegal Ruchard

Corolla lobum superius truncatum, dentatum in fere trilobum. An
theris parallelis. Stigmata 4 or Ruch. cui Polygonum dicitur et genere dicitur
fo. i.

Spinosa Justicia pedunculis subuni floris, foliis oblongis, spinis axillaribus
Symb bot. 2. p. 17

Justicia spinosa, monantha Gaerq. Am. 11. p. 2. f. 1.

Justicia spinosa, fruticosa, spinis axillaribus, pedunculis lateralibus
Swartz obs. p. 12.

Habitat in America meridionali locis calidioribus maritimis

Rami glaberrimi, obscure angulati, cortice cinereo nigro punctato.
bracteis foliis solita petiolata, saepe plura ex eadem gemma, unguicularia, inoqualia, oblonga, obovata vel subrhombodes ovata, panum attenuata, integerrima, emarginata, glabra, nitida, avenia. Petioli panum infra spinas sine decussata, utrinque solitaria, horizontalis, recurva, petiolo longiora. Pedunculi plures interdum ~~7~~ foliis duplo breviora, basi bracteis minutis suffulti. Calycis laciniis subulata, longitudine tubi. Corolla pendula, subregularis: laciniis oblongis, emarginatis.

sex-septem

Serpens hasticea ^{glaberrima} foliis ~~puberulis~~ ^{oblongis} oblongis floribus axillaribus solitariis, caule repente

Habitat in Insula St. mauritii

Caulis herbaceus, repens, feli formis, ramulis unus vel alter brevis ad geni-
culum; glaber

+ unguicula, folia ^{oblonga} ~~acuta~~ ^{na, saepe minor,} interdum subovata, integerrima, obtusa, glaberrima, venosa
^{potentillifera,} Petali longitudine foliorum

Stores axillares, sespiles, solitarii; inferne alterni, superne oppositi, terminalis
^{duplices: exteri} Calyx ^{na, saepe minor,} unguiculans, 5fidus; laciniis linearibus lanceolatis suprema longior

latior: interior brevis, 5partitus; laciniis subulatis.
variat foliis rotundioribus

138 139 139

Microphylla *Justicia* pedunculis axillaribus unifloris; foliis linearibus oblongis sub
cuneatisque aggregatis; spinis axillaribus brevibus simplicibus. Col. Amer. 2-p-1.

Justicia *microphylla*; foliis obovatis coriaceis; spinis axillaribus brevibus
simplicibus; pedunculis unifloris lateralibus. La Martinière. p. 37.

Habitat in insula St. Pauli West. St. Domingo Richard &

Caulis fruticosus, erectus; uti tota planta glaber: Rami decussati; oppositi
patenter, obscure angulati; cortice cinereo, inferne glabri, superne
pubescentes, articulati; articuli apice parum latiores. Folia subs-
bilis, tria vel quatuor simul ex eodem tuberculo, semiunguicularia, in-
tegrissima, obtusa, saepe emarginata, basi acuta, subcoriacea, avenia
enervia, glabra. Spina utrinque, foliis brevior, horizontalis, pungens.

Pedunculi axillares; plerumque solitarii, interdum ^{duos tres} gemini, filiformes, lon-
gitudine foliorum. Calyx parvus. Laciniae lineares, acutae. Corolla
subregularis, unguicularis: laciniis oblongis. Antherae parallelae
limbo breviores.

Variet foliis minoribus, magnitudine Thymi Sarpylli.

umbros ~~Glopi-fera~~ Walt-fl. Car. pag. 63.
~~Habitat in Carolina~~

~~140~~ 139

armata Justicia aculeata, pedunculis axillaribus unifloris, foliis cuneato-oblongis emarginatis

Justicia armata; fruticosa, aculeata, foliis oblongis emarginatis
Coniacis Swartz prodr. p. 13. Pl. Ind. Occid. 1. p. 28

Habitat in rupibus montium Jamaica septentrionalis

Caulis fruticosus, ^{bi-quadr} pedalis: Rami glabri, cortice cineres, subtetrago-
ni. Folia breviter petiolata, pollicaria, plerumque gemina utriusque,
subconiacis, glabra, arena, supra nitida. Aculei gemini
suprafoliacei, erecti, oppositi, ^{repentes} rigidi, petioli parum longiores

Corolla tubus gibbus: Labium superius bifidum, inferius trifidum
Stylus indivisus.

~~labium superius bifidum~~

Castigata 9

~~Jussiaea Castigata folius ovatis acuminatis, pedunculis fastigiatis
bracteis linearibus subulatis villosis hispida inaequalibus & calyce longioribus~~

Ca. Mart. P. Luc. pag. 41

Habitat in India orientali.

non vidi

140 ~~139~~ ~~141~~

aciculari. Justicia spinosa, pedunculis axillaribus solitariis unifloris,
foliis oblongis mucronatis.

Justicia aciculari; fruticosa, diffusa, spinosa, spinis & staccis, flori-
bus pedunculatis axillaribus solitariis Sivata prodr. 2. 13. 8. l. v.

Ind. Occid. l. p. 29.

Habitat in Calicariis fruticosis Jamaicae &

Trunculus pedalis: rami destituti, longi flexiles, cortice cinereo, nodosi.
Veriter: ramuli obscure tetragoni, subpubescentes. Spinae oppositae,
patentes, foliis parvis breviores, axillares. Costa petiolata, plerumque
solitaria, unguiculata, obtusa, basi acuta, integerrima, supra &

Cinereis in meso albidis oculis armatis videntis, & albis pallidioribus pedunculati
longitudine petioli. Corolla labium superius bifidum, inferius trifidum
Stylus bifidus.

aciculari Justicia pedunculis axillaribus solitariis unifloris spinosa prodr. 2. 13. 8. l. v.
Ind. Occid. l. p. 29. Habitat in Calicariis fruticosis Jamaicae &

semioides ~~Thonensis~~ pedunculis axillaribus inflores, foliis oblongis
fruticosa, foliis ovatis glabri pedunculatis sub
uniflori, limbo corollae simplici & repartito La Mart. - F. Luc.
pag. 37.

Habitat in Madagascar & Comoren Theocin

± Superne alter
natum compressi
ramuli axillares
brevissimi

Rami cortice cinereo glabri ad articulos ^{no} ^{re} ^{lo} ^{excipiendo} dilatati & compressi. Folia petiolata
subovata ^{errone} utriusque glabra in tegmina, obtusa basi acuta apice
peltati. Pedunculi axillares folio duplo breviores triflori floris
laterales abundantius bractea pubulata utriusque ad basin ^{as} ^{estis} ^{comia} duo in medio
pedicellorum. Cavitas calycis & repartita ^{pubulata} tubo corollae brevior
res. Corolla spida infundibuliformis extus pubescens caeruleis oblongis
obtusis. Anthera parallela filamentum corollae brevior.

± Pedunculis bistrifidis vel pedunculor brevissimis, ramis inflores floris
pedicellatis herb. Lus: an varietas

141. 142
Serpilli folia ~~142~~ ¹⁴² Justicia folio subrotundatis subcordatis, floribus axillaribus ^{pub} sessilibus
caulis polidario, caule procumbente villosi, nervi.

Habitat in India orientali Rottler 7

Radix crassitie digiti. Caulis plures, alternatim ramosi, a villis
frequentibus canescentes, crassitie fidei grossioris. Folia brevissime petio-
lata, magnitudine thymi serpylli parum majora, integerrima, subdi-
lata, coeterum glabra, supra arena, enervia, subtus nervosa. Petioli
villosi. Peduncululi longitudine petioli. Calycis laciniis ^{petalis} petalis
parvis, foliis Yamen parvis longior, extus villosa, intus calycis. Calycis
laciniis subulato

filamenta infra antheris penicillo plumoso. Rottler.

Dubitat Labb. Rottler enim Justicia ^{specie} proprie generis Capsulam exi-
dem non vidi, at habitus ~~Justicia~~ ~~subrotundatis~~ ~~subcordatis~~ ~~pub ~~sessilibus~~ ~~axillaribus~~ ~~villosis~~ ~~nervi~~ ~~caulis~~ ~~procumbente~~ ~~polidario~~ ~~caule~~ ~~crassitie~~ ~~digiti~~ ~~radix~~ ~~crassitie~~ ~~digiti~~ ~~caulis~~ ~~plures~~ ~~alternatim~~ ~~ramosi~~ ~~a~~ ~~villis~~ ~~frequentibus~~ ~~canescentes~~ ~~grossioris~~ ~~fidei~~ ~~folia~~ ~~brevissime~~ ~~petiolata~~ ~~magnitudine~~ ~~thymi~~ ~~serpylli~~ ~~parum~~ ~~majora~~ ~~integerrima~~ ~~subdilata~~ ~~coeterum~~ ~~glabra~~ ~~supra~~ ~~arena~~ ~~enervia~~ ~~subtus~~ ~~nervosa~~ ~~petioli~~ ~~villosi~~ ~~peduncululi~~ ~~longitudine~~ ~~petioli~~ ~~calycis~~ ~~laciniis~~ ~~petalis~~ ~~parvis~~ ~~foliis~~ ~~Yamen~~ ~~parvis~~ ~~longior~~ ~~extus~~ ~~villosa~~ ~~intus~~ ~~calycis~~ ~~calycis~~ ~~laciniis~~ ~~subulato~~~~

acicularis

Serpilli folia Justicia folio subrotundatis subcordatis, floribus axillaribus sessilibus
caulis polidario, caule procumbente villosi, nervi.

madagascariensis Hippocr. foliis ovatis acutis nitidis subretorroris ramulis
leprosis, floribus verticillatis La Mart. T. Enc. pag 101.
Habitat in Madagascar

non vid.

142 143 144. Justicia Obscuro Incolto sedis

mucronata ~~foliis oblongis remote dentato spinosis, spicis terminalibus floribus~~
~~oppositis remotis, bracteis dentatis, foliis oblongis remote dentato-spinosis +~~

Justicia mucronata: foliis oblongo-obovatis dentato-spinosis fl. Peruv. 1. pag
p. 41. 10. fig. b.

Habitat in Peruvia nemoribus

Stemex biangyalis erectus. Ramis inflexis erectis, teretibus. Folia interdum ter-
na, petiolata, semipedalia, acuta, mucronata, supra nitida: denticuli
incurvi. Spica terminalis, fere pedalis, erecta. Flores oppositi, interdum
terni. Bractea ovata, acuta: bracteola duo sub pugulo calycis, laterales
steriles, ovatae, acutae, obsolete denticulatae, calycis duplo breviores. Calyx
quinque partitus: laciniis oblongis, margine denticulatis, membranaceis.
Descriptio corollae et filis antheris in desideratur fl. Per. 6. 1.

nitida nitida

~~142796 144~~ 143

volubilis Justicia species solitaria, alternis, foliis ovatis nervis infra villo
sis, caule volubili piloso. †

Dianthera americana varietas Vand. fl. Lus. et Bras: puc. in
Rom. script. de pl. Hisp: Lus. et Bras. p. 71.

Habitatio Brasilia.

ornata L. foliis pinnatis serratis, caulis procumbentibus herbaceis

Est des: pag. 25. n. 15.

Horminum Chalepense, alato folio, flore majore rubicundo Moench.
hist. 3. p. 394. p. 11. v. 13. fig. 19.

Salvia orientalis Mill. Dict.

Habitat in Oriente. 4

Caules quadrangulos. Folia inferiora pennata, superiora
ternata impari majore, aequaliter serrata, summa saepe
simplicia. Flores magni. Carni Schreb.

non ord.

~~147~~ ~~147~~ ~~145~~ ~~144~~
Vandellia fustulosa Spicis solitariis oppositis; foliis ovatis - lanceolatis in
fra villosis, caule volubili +

Dianthera Vand. fl. Lus. et Bras. spec. in Rom. script. plant. ^{de} Hesp.
L. et Bras. p. 76.

Habitat in Brasilia

Pseudococcinea *S. coccinea* ~~filosa~~, foliis ovatis acutis crenatis, racemo terminali, ~~stami-~~
nibus exsertis La Mart. *Fl. Eng.*: pag. 71.

Salvia Pseudococcinea *Gaique* Coll. 2. p. 302.

Habitat in America Calidore

Caules suffruticosi, ramulosi, erecti, tetragonis, terpedalis, pelis longis
cinereis mollibusque densis hirsuti. Folia longe petiolata, ovata, cum basi
bus ~~reflexis~~ ^{perpetuam} ~~partem~~ ^{decumbentia}, acuta ~~perpetua~~ ^{venosa}
utrinque villosa mollia. Racemus terminalis ~~sex~~ ^{sexti} ~~cellis~~ ⁶ flori be
niter pedunculati. Calycis corolla et totus habitus similis *S. coccinea*

Primito ut facile eandem credere *Gaique*.

ovato acumi
nate

ovato colorata tridento.

Calycis tubulosi striati bracteae ovato acuminatae calyce brevior

Selligera ~~no 1446~~ **143**
Justicia species solitaria terminalibus, foliis ovato-oblongis, utri-
que pilosis, caule erecto subramoso piloso +
Dianthera Vand. fl. Lus. et Bras. spec. in Rom. Script. de pl. Hesp. 6
et Boag. p. 71.
Habitat in Brasilia

hyssopifolium P floribus lateralibus Lin S. V

Coniopermura hyssopifolium Turf. in act. Parf. 1712. p. 244.

Habitata ad Volgam Tataria, inque de partibus Caspiorum & gallicis
australi & la mar

P. floribus lateralibus, bracteis lineari-
seminibus emarginatis ^{ramis glabris} ^{ramulis} ^{ramulosis} ^{tataricis} ^{aspidia}

seors flexus
pallide striati
tenuis

Caules: Tereti ramosi ^{glabris} ^{sterilibus} ^{sepe rubri} ^{ramis} ^{ramulosis} ^{tataricis} ^{aspidia} folia lineari
bipollicaria ^{juniora} ^{et nonnulla} ^{ac uti} ^{ipso} ^{minime} ^{incurvata}
^{insusitata} ^{concolorata} ^{vel} ^{radice} ^{geminata}
bus pinnatis bracteis ~~inferioribus linearibus superioribus ovatis attenuatis~~
~~et villosa~~ margine membranaceo.

Semina orbiculata margine membranaceo

rareta forte foliis tenuioribus bracteis ovatis acuminatis acumine tantum
semine longior

Corop- glabrum, minus, longiusculis foliis no 25
Ann. in the p. 150

Stam. 27 in culta obscur. Hall.

147 149
trifoliata Jussiaea spica communi terminali solitaria, prope terminis
comosis, foliis ternis lanceolatis. Iniqua villosa reflexis +
Dianthera Sand fl. lus. et Bras. Spec. in Pöm. Script. De plant. Hisp. L.
et Bras. lib. p. 71

Habitat in Lusitania

147 ~~146~~ 148

obscura ^{specie} Justicia? racemis lateralibus, foliis ovatis rugosis +

Ziziphora obscura siliquosa, foliis ovatis rugosis, specie lateralibus,
fructu siliquoso Cour. fl. Cochinch. p. 27.

Habitat in Cochinchina 3

Erubescens quinque pedalis, erectus. Folia opposita, magna, acumi-
nata, integerrima, glabra. Racemi laterales. Calycis, uti Costa
nuberrimo. Cor: labium superius oblongum, incurvum, integrum;
inferius tripartitum: laciniis linearibus. Siliqua linearis, evolvens,
semina quatuor, subrotunda. Cour. l. c.

Planta obscura, minime Ziziphora specie, nec um ullatenus
genus Diondia, nisi forte ad Justiciam ^{referri potest}, ideoque huc collocari, usque
cum melius innotescit, potius quam omnino omittere.

Varia proterea est planta sub nomine Justicia in itinere Loeffli
qui occurrit in fl. p. 235. 237. ~~244.~~ 251. 257. quo ^{omittuntur} vel ob defectum characteris,
vel quod dubium non habetur ^{ut sequitur}, vel quod forte ad unam vel
alteram ex speciebus enumeratis pertinere. Just. Lythrix Lamour.
illustr. 1. p. 37. est Barleria solanifolia Lin. Just. madagascensis +

~~South. Wetland~~
~~near~~

Symb. bot. 2. p. 17. est secundum ruperis observationibus species huius
lis species. Aust. furcata lanaribus eadem ac Puallia paniculata Lin
Habitus. Caulis et rami articulati, articulis post exsiccationem supra
et infra geniculis collabentibus: folia opposita, simplicia, plerum
que integerrima.

~~caulibus confertis: foliis conformibus fructibus hirsutis hirsutis palmis~~
~~caulis pediculis elongato. Walt. p. 63.~~
~~at abstat in Barthelemy~~
 confertis