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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

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Vexillum ovato-cordatum, totum reflexum, maximum. Alæ ovatæ, oblongæ, vexillo breviores ; filamentis annexæ. Carina dipetala, oblonga, alis longior, margine carinali villis connivente, filamentis inserta.

261

- STAM. Filamenta decem, conata, inæqualia, sensim longiora, superius brevissimum : inferius novemfidum. Antheræ oblongiusculæ.
- PIST. Germen oblongum, hirfutum. Stylus subulatus, affurgens. Stigma adnatum, oblongum, villosum, inflexum.
- PER. Legumen cylindraceum, longum, obtusum, uniloculare, bivalve.
- SEM. plura, globoso-reniformia.

A THE WALL WALL AND

DRIA.

RIA.

Tournef. 446.Co.

num, bilabiatum, in-

superne reclinatum,

na tubum vexilli vix

pler, inferius novem-

dii vexilli, carina lon-

longitudine staminum.

aberans, acumine ter-

n, cylindraceum, tur-

otulo : dentibus supe-

um, calyce vix majus,

majores & fuperiores,

alita, eretta, inzqua-

nas, longitudine fami-

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MTRI. 411.

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Ching Arthuberry

a fimplices.

2 Pro

Cliffort.

691. GENISTA*. GENEST, GENESTROLLE. Spartium Tournef. 412. Genistella Tournef. 413.

CAL. Perianthium monophyilum, parvum, tubulatum, fere bilabiatum : labio superiori bidentato, profundius diviso : labio inferiori tridentato, fere æquali.

Cor. papilionacea. Vexillum ovato-acutum, à carina remotum, totum reflexum.

Alæ oblongæ, laxæ; reliquis breviores.

Carina recta, emarginata, vexillo longior.

STAM. Filamenta decem, connata, è carina emergentia. Antheræ fimplices.

PIST. Germen oblongum. Stylus simplex, assurgens. Stigma acutum, involutum.

PER. Legumen subrotundum, turgidum, uniloculare, bivalve. Şем. solitaria, sæpius reniformia.

692. GALEGA*. Tournef. 222. Riv. IV : 85. Indigo Isnard. A. G.

- CAL. Perianthium monophyllum, tubulatum, breve, semiquinquefidum : dentibus subulatis, æqualibus.
- COR. papilionacea.

art. 10. in vayon - Mar lesta

Legi avat. l'la.

com 1

Vexillum majus, ovatum, apice & lateribus reflexum. Alæ oblongæ, appendice acuta, longitudine fere vexilli. Carina oblonga, compressa, recta, versus apicem deorsum gibba, sursum acuta.

- STAM. Filamenta diadelpha, ultra medietatem coalita. Antheræ parvæ.
- PIST. Germen cylindraceum, teres, tenue, oblongum. Stylus tenuis, germine brevior, ascendens. Stigma terminatrix, punctum minimum,
- PER. Legumen teres, longissimum, acuminatum, torulis ad semina incrassatum.

SEM. plura, oblongo-reniformia. Acting lagmonty better an alies plateally apple sources Right Rian Artin tipul sphyles you with a hagy Rijj Rijj apple of the company for the source along along along the share a burget a line to a conclusion of the man afile paper light cale sould not integ. a large with a long of the line to Concalenate gotting

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- nochvalli h.m. S. 2. 22. a Samivalli. Solori Brach. Folker Dolores hugh hoef Stad. Bet Solon cheten v Method. low tol att. 1 pina. y ad 13 imparie Rematice. To prati and alterm. callph age fore integ. Ton paper 4 pot. St-10 2ad i strengt To prati and alterm verek. 2ad 3 loral. Sem 1. plan ing bu own. PER. Loguiner SEN. UNUM alter DIADELPHIA DECANDRIA. 262 Oss. Crotalan Bringto Ency July Lappior Chipt. 9:693. LUPINUS *. LUPIN. Tournef. 213. Riv. IV: 31. 34. 696. ONON 5 Ingrun 2 later annons. CAL. Perianthium monophyllum, bifidum. COR. papilionacea. Vexillum cordato-subrotundum, emarginatum, lateribus refle-CAL Perianth xis, compressis. niis linearibus Alæ subovatæ, longitudine fere vexilli, carinænon affixæ, infercarina. ne conniventes. Cor. papiliona Carina/bass bipartita, sursum falcata, acuminata, integra, longis reliquis. gitudine alarum, angustior. myni combe STAM. Filamenta diadelpha, coalita, parum ascendentia, superne Carina acum STAM. Filame. distincta. Antheræ quinque subrotundæ, totidem oblongæ. PIST. Germen subulatum, compressum, villosum. Stylus subulaplices. tus, ascendens. Stigma terminatrix, obtusum. PIST. Germe PER. Legumen magnum, oblongum, coriaceum, compressum, Stigma obtui acuminatum, uniloculare. PER. Legume SEM. plura, subrotunda, compressa. EM. pauca, OBS. Calyx in diversis speciebus diversus est. flyingel val to cer nomen Laure Bootia ad 694. Bootia ad 694. Jour fair guntes parte auguri fot alt schara and softe confists four Extre for Boot 2 Gunte state for the came lad 3 and and for four fair and the four four for the four Extre for Boot 2 Gunte state for the came lad 3 and and for four fair and the four four for the four Extre for Boot 2 Gunte state for the came lad 3 and and for four four for the form form for the form form for the form for the form for the f 07. AC CAL. Perian corollà dimidic brevius: laciniis lanceolatis, acuminatis, rigidis, minatis æqu pungentibus, ferme æqualibus, infima longiore. COR. papilio COR. pentapetala, papilionacea, extus hirsuta. Vexillum Vexillum reflexum, obtusum, ungue calycis longitudine. fæpius hi Alæ semicordatæ, vexillo paulo breviores. Ale lunula Carina dipetala, lunulata, obtufa. Carina bifi STAM. Filamenta novem, coalita in cylindrum superne longitudi-STAM. Fila naliter dehiscentem, apicibus assurgentia. Antheræ parvæ. dehiscente PIST. Germen subulatum. Stylus brevissimus, adscendens. Stigma PIST. Germ obtusum, emarginatum. PER. Legur

- PER. Legumen subrotundum, acuminatum, uniloculare, spina terminatum.

SEM. рацся

OBS. Singul

tescente.

mitaglal

CAL. Perian

WyVexillum,

Con. Papilio

STAM. Filan

PIST. Germi

p_{ER}, subrot

maximam ,

SEM. unicur

Carina Iunu

SEM. reniforme.

Ignue 695. CROTALARIA *. Dill. elth. Riv. IV: 28. me as anon

- CAL. Perianthium tripartitum, magnum, corolla paulo brevius: laciniis duabus superioribus lanceolatis, vexillo incumbentibus, tertia lanceolata, concava, carinam fulciente, trifida. Cor, papilionacea. Vexillum cordatum, acutum, magnum, lateribus depressum. Ale ovate, vexillo dimidio breviores. Carina acuminata, longitudine alarum.
- Sтам. Filamenta diadelpha, connata, assurgentia. Antheræ simplices.

PIST. Germen oblongum, reflexum, hirsutum. Stylus simplex, infractus, affurgens, Stigma obtulun. Ibury januar at the Sy hange althing Cal. 1 mhr. 19 \$ 50.ca Shet in gentree ov. 2. 2 crenat - Uhy 19 intog 1 acet Au 2. Dully hol fob Comple competer quester flen 2. terin tilig. hery an

For imply nor ned. Abrilo ladyth. Lynn planen the gen I had 2-MDIADELPHIA DECANDRIA. PER. Legumen breve turgidum, uniloculare, bivalve. SEM. unum alterumve, globoso-reniforme. OBS. Crotalariæ cum Ononide summa affinitas.

Righera aday. quittethe magin genothe / piton anytheren.

696. ONONIS *. ARRETE-BOEUF. Anonis Tournef. 408. avair theme Riv. IV: 81. Natrix Riv. IV: 82. augrafinis quia radia avatro with

263

- L hutahr Lach. obler CAL. Perianthium quinquepartitum, longitudine fere corollæ laciniis linearibus, acuminatis, leviter sursum arcuatis : infima sub carina.
- COR. papilionacea. Vexillum cordatum, lateribus depressum ma-aighum gis reliquis. Alæ ovatæ, vexillo dimidio breviores. Carina acuminata, alis fere longior. 2 retats aprice connatif.
- STAM. Filamenta diadelpha, connata, affurgentia. Antheræ fim-javelphein plices. plices.
- Pist. Germen oblongum, villofum. Stylus fimplex, affurgens. Stigma obtulum.
- PER. Legumen turgidum, villosum, uniloculare, bivalve.
- SEM. pauca, reniformia. foligingle valterno. Itigudes petiolo valute in unam alour connats ina petiolen on Articult.

697. ACHYRONIA. auctore Cl. Royeno. chyprastit in proteinit reitably ce Syst wat lines

rengliner y use provid CAL. Perianthium monophyllum, semiquinquesidum : laciniis acuminatis æqualibus, superiore longiore.

Cor. papilionacea.

Andrew Lyth Rout Hank

A. Shilogala and has

3. Riv. IV : 31. 34.

atum, lateribus refle.

miz non affixæ, infer.

minata, integra, lon.

ascendentia, superne

millofum. Stylus fubula.

naccum, compreffum,

tip- 2 minim. filim

quefidum, turbinatum,

s, acuminatis, rigidis,

vers longitudine

rum superne longitudi-

15, adicendens. Sigma

Anther a parvz.

cour Lami

tonidem oblonga.

NDRIA.

2 later instary.

Vexillum compressum, ascendens, obverse ovatum, externe sæpius hirsutum, obtusum cum acumine. Ale lunulate obtuse patule, vexillo breviores. Carina bifida, alis conformis.

Sтам. Filamenta decem, sive novem, connata in vaginam superne dehiscentem longitudinaliter, adscendentia. Antheræ oblongæ.

PIST. Germen ovatum. Stylus simplex, adscendens. Stigma acutum.

PER. Legumen ovato-oblongum.

SEM. pauca sive solitaria, reniformia.

, uniloculare, spina OBS. Singulare huic est folia ex eadem gemma plura in planta fru-foniture A SECURIDA CALL Summingan and States 14 a 16. gun facht tescente. Liota ad a layou 098 Elsholton Bet. Rin. IV: 18. . 3 phyle him bylo wat en hugain CAL. Perianthium tripartitum : laciniis ovatis, quorum fumma cornin and brevius: Vexillum, binæ Carinam respiciunt. 2. Whythen Jaquins -Cor. Papilionacea. Vexillum subrotundum, amplius. Alæ obtusæ. Enhin ligten serile incumbentibus, Van M. Or curry Carina lunulata. I patita I tanta a m. mit. Sex Jaignin Diadefatu. lo co 2 rudilmint magnum, late. STAM. Filamenta inferne connata. Antheræ fimplices. Calonal PIST. Germen ovatum, definens in Stylum subulatum. Stigmate mt r Attriotes. DER. subrotundum, desinens in Membranam perpendicularem, Anthere fimmaximam, oblongam, obtusam, superne latiorem. Styles fimplex, SEM. unicum, pericarpio toto vestitum Maanthe marthe marthe inhin ander flood Ill primite Cale 1 phys tay and Stand or Lab . Jup 24. Oby MARKINGAN Al meani terminaly geny Whattechel 's don't The Soft is Sont gent gent the "The of it is the sont of the 1. 1/2 . contact Jung Layon 2 as 51/1. And or Draw 1. Go al mills Can 3 pet tentio majnikelique include and state day land men nonework Fin 2ad 31 tobalto demine fl. / nie amile

Thra Saevan h.m. 6. Cal. 1 ph. in Stand anengen & fulling albourly the 2, Thra Saevan h.m. 6. Cal. 1 ph. in Stand on ray Spit. ventle Leti aught celled. 2 minh T. 13. en cajan. Cal. 1 ph. in Start on good. Spit. ventle Leti aught interview multiles & a) 6. Thom Brownen of 10. 2 adaly Tight on good. Seguen. cyl. med. toroton multiles & a) 6. Zantaraga Long 264 Jem gh D. LADEL PHIA DECANDRIA. Zuitziami! Balgi, chuten indine courie " pud calle Semina ed alea venalia. 699. CYTISUS *. CITISE. Tournef. 416. Riv. IV: 83.

endalech at medicago 1a bia 178 Laburnum Riv. IV: 73.

CAL. Perianthium monophyllum, campanulatum, breve, basi obtusa : ore bilabiato : superiore bifido, acuminato : inferiori tridentato.

DIA

PIST. Gamen

mis, affurgen

PIR. Legamen

miloculare, b

SEM. Pauca, fil

702. ROBI

CAL. Perianth

dridentatum :

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nibus æqualib

COR. papiliona

Vexillum ful

Ale oblonga

Carina fere 1

rum.

TAM. Filam

ascendentia.

PIST. Germen

flexus. Stig

l'ER. Legum

Sem. pauca,

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703. PHA

Couly Unter

Jon ab oce minidiana

CAL. Peria

Cor. papili

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Vexillum

Ale ovate

Carina ang

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PER. Legum

SEM, reniform

OBS. Carina

Calyx alius Ecastaphyllus

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w. 20 ch 2

PIST. Germa

STAM. Filan

teribus r

COR. papilionacea. Vexillum ovatum, assurgens, lateribus refle-X1S.

Alæ longitudine vexilli, rectæ, obtusæ,

Carina ventriculosa, acuminata.

STAM. Filamenta diadelpha, (fimplex & novemfidum,) affurgentia. Anthenæ simplices.

PIST. Germen oblongum. Stylus fimplex, affurgens. Stigma obtulum.

PER. Legumen oblongum, obtusum, basi angustum, rigidum. SEM. nonnulla, reniformia, compressa.

700. ANAGYRIS * BOIS PUANT. Tournef. 647. Ruten fil suate Labouri. ad tiquela 1. enlatere filie moito pitiole conneta elbagi bustime ciliacaul vaginans apore bloiter afora. cum filio tantut carries ulinstrations. avayupy Diot.

CAL. Perianthium campanulatum : ore quinquendentato, supremo pari profundius diviso.

Cor. papilionacea.

S. axo TOU.

Vexillum obverse cordatum, rectum, emarginatum, reliquis latius, calyce duplo longius.

Alæ ovato-oblongæ, planæ, vexillo longiores. Carina recta, alis longior. Internet

Sтам. Filamenta diadelpha, affurgentia. Antheræ fimplices.

PIST. Germen oblongum. Stylus simplex, assurgens. Stigma villosum.

PER. Legumen oblongum, magnum, teretiusculum parum reflexum, obtufum.

SEM. sex vel plura, reniformia.

OBS. Essentia consistit in Vexillo brevissimo, recto: Carina longiscon fina anillary

Scoping thend 701. ULEX *. Genista-spartium Tournef. 112. Genistæ nepa. gaga instit.

CAL. Perianthium diphyllum, perfistens, foliolis ovato-oblongis, concavis, rectis, æqualibus, carina paulo brevioribus, quorum superius bidentatum, inferius tridentatum.

COR. papilionacea, pentapetala.

Vexillum verticaliter cordatum, emarginatum, rectum, maximum.

Mucune Mayr. 19 Alæ oblongæ, obtusæ, vexillo breviores.

Carina dipetala, recta, obtusa, margine inferiore connivens. STAM. Filamenta diadelpha, (fimplex & novemfidum) Antheræ Implices. Changattel hous 2 (42. 10.3 mit Manue millen Star for millen That & pringen Gold for willem That & pringen Gg. hit 88% ale 1 plus 1/2 for digon - 2 lab. lattup 2 for 1. stan lat. bg. lai caina han . Spit repole vouge brevery. Caina 2 pit apte commer. Stuck. 2.214 f. 1. stile stal. Bate de auch altere Si sterty and etildeter ingrus the him 2 1 Degrun long, aprily stweet accuston " ville's rangented historia. Sad 5 po manghulkavaudu. intil Under 5: 26. Lale men Brinter Kaknoalli ham be guar Antow

Ajeria Cometti valli him & 246. stata/ d'aya hunt dalatten trala Seynthin 163. Phaleti I. Laburi. Hypr. anthe Cal. haber miller the pople It to 2 adely sigle god. 163. Phaleti plan paron 1. low 1. printing. about. rendf. Spiritit. DIADELPHIA DECANDRIA. 26 PIST. Germen oblongum, cylindraceum, hirsutum. Stylus filiformis, affurgens. Stigma obtusum, minimum.

PER. Legumen oblongum, turgidum, calyce ferè totum tectum, uniloculare, bivalve.

SEM. pauca, subrotunda, emarginata.

702. ROBINIA *. Pseudoacacia Tournef. 417. Riv. IV: 74.

CAL. Perianthium monophyllum, parvum, campanulatum, quadridentatum: denticulis tribus inferioribus tenuioribus : supremo quarto duplo latiori, vix manifeste emarginato, longitudine omnibus æqualibus.

COR. papilionacea.

AC A Collabor manual

16. Riv. IV : 83

atum, breve, basi

minato: inferiori ti.

ens, lateribus refle.

mfidum,) affurgen.

affargens. Stigma ob-

guftum, rigidum,

auther 647.

wendentato, Supremo

arginatum, reliquis

bethere fimplices,

unurgens. Stigma vil-

infculum parum refle-

recta: Carina longij-

mef. 112. Geniftæ

braundus, quorum

mm, rectum, maxi-

1705.

DRIA.

Vexillum subrotundum, majus, patens, obtusium. Alæ oblongæ, ovatæ, liberæ; appendice brevissima, obtusa. Carina ferè semiorbiculata, compressa, obtusa, longitudine alarum.

Sтам. Filamenta diadelpha, (fimplex & novemfidum), fuperne ascendentia. Antheræ subrotundæ.

PIST. Germen cylindraceum, oblongum. Stylus filiformis, sursum flexus. Stigma villosum, antice ad apicem styli.

PER. Legumen magnum, compresso-planum, gibbum, longum. SEM. pauca, reniformia.

appalety catter anes I. mai How. cal prate cyl. Can by put. canine I patete. 703. PHASEOLUS *. HARICOT. Tournef. 232. Riv. IV: 5 Buli solub a dont porit ale construity. contra in tuen / di / ice) Jon ab occid ad orient. per 3 Strighte mitians CAL. Perianthium monophyllum, bilabiatum : labio superiore emar-

ginato, inferiore tridentato.

COR. papilionacea.

Vexillum cordatum, obtusum, emarginatum, reclinatum, la-

teribus reflexis.

Alæ ovatæ, longitudine vexilli, unguibus longis infidentes. Carina angusta, spiraliter contra solem revoluta.

Sтам. Filamenta diadelpha, (fimplex & novemfidum), intra carinam, spiralia. Antheræ decem, simplices.

PIST. Germen oblongum, compressum, villosum. Stylus filiformis, spiraliter inflexus, superne pubescens. Stigma obtusum, crassiufculum, villofum.

PER. Legumen longum, rectum, coriaceum, obtusium cum acu-mine. multilud in Mark hisp. comme.

S Ем. reniformia, oblonga, compressa. OBS. Carina cum contentis genitalibus spiralis, essentialis est nota. Calyx alius exterior dyphyllus subrotundus in multis speciebus adest. Ecattaphyllun Brown 299. 2. 32. + 1. Seemina gope of articu. Mun 2245. Cal ansor Iphigrand carpa - Canavalis Main Kate your HNS. 8. Con. Spt papel ag- gradie . Caribal pet april 2/ 6.43.44.45. Matelature ovan pourcel werd typ 1. they 1 am Cal. 2. lab. 5 lucin myst Con Aprt. carminty. legun abreels coprolli parellem ville. Lable Jolgh. Affin logna corrector mulliter Compaver, fob alte (top-2: Honas 12 an Miglomester In min ovater "

1210. h. m. 6. 7. 26 217. Sala/u Brach, Savar de Engenho hunt. Ratten haussen Aly Futen 15 per. law; for 3 rate Phayoli: Hespice timer longe lana. He raph to put ven. Her magni Dapor De Cabre al. been the 5 Dave (config entropy on the for you have longen to mall tom. deut. 265 10. Fiabel Miler 9 10 autor. Legum. plan magn. longen tomallton water 265 10. Fiabel Miler 9 DIADELPHIA DECANDRIA velgo 1. Jan. adaption tartin relogradortowh attail magni rendo

704.

CAL. Perianthium monophyllum, brevissimum, quadridentatum, æquale : denticulo supremo emarginato.

COR. papilionacea.

Vexillum subrotundum, magnum, emarginatum, totum reflexum. Calli duo oblongi paralleli & longitudinales, vexillo subtus versus basin adnati, alas comprimentes, à tergo non excavatı.

Ale ovate, obtuse, longitudine carine.

locaran hysorie all care

- Carina lunulata, compressa, inferne connivens arcte, longitudine alarum apice ascendens.
- Sтам. Filamenta diadelpha, (fimplex & novemfidum), simplici ad basin curvato. Antheræ simplices.
- PIST. Germen lineare, compressum. Stylus ascendens. Stigma barbatum, introrsum à medietate ad apicem styli excurrens, apice Styli antice calloso obtuso.
- PER. Legumen acuminato-magnum; oblongum, bivalve, biloculare.

SEM. plura, elliptica, compressa sepius.

OBS. Phaseoli facies est: Carina quæ non spiralis distinguit genus.

705. CLITORIA *. Ternatea Tournef. A. G. 1706. t. 1. Dill. gen. 10. Clitorius Dill. elth. 76. Phaseoli species Riv. IV : 40.

CAL. Perianthium monophyllum, erectum, tubulatum, quinquedentatum, persistens.

COR. papilionacea.

Vexillum maximum, rectum, emarginatum, margine undulatum, patens. Alæ oblongæ, rectæ, obtulæ, vexillo breviores.

nitural cum act de dur, fabrou Corina compretifia ITAN. Filamenta almum : & morre ilim) coalita. VIST. Germen ob gulas, membran galo fuperiori 30 ER. Legumen m (im deorfum) a in. plura, glot Dis. Ochri T. S Pili T. Jemina p

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107. LATHY 47-57. Cly Edit. prior. andature candrets

AL. Perianthi

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bus, infima

Cor. papiliona

Vexillum ob

Alæ oblonga

Carina semie

STAM. Filame

tia. Anthere

PIST. Germen

erectus, plan

à medietate ft

PER. Legumen

minatum, biv

SEM. plura, cy

OBS. Lathyri 7

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flexis.

Carina alis brevior, subrotundo-falcata.

STAM. Filamenta diadelpha, (fimplex & novemfidum), Antheræ implices.

PIST. Germen oblongum. Stylus ascendens. Stigma obtusum.

PER. Legumen longissimum, lineare, compressum, uniloculare, bivalve, apice subulato.

SEM. plura, reniformia.

Tindy.

(. Tissos)

202,005. They

706. PISUM *. Pois. Tournef. 215. Riv. IV: 43-46. Malp. 140. 242. 248. Ochrus Tournef. 219. 220.

CAL. Perianthium monophyllum, quinquesidum, acutum, persistens : laciniis duabus superioribus latioribus. - galactia mon 298 232 12. Malul listeren, Neur at 14. cal 1. phi 4 Sont cyle ann 2 austule j'intak can prove grit seg long a constitution Legren long tutue cylo zolym ren rot new paras fole 3 na anagyro 2. pica flor territuality.

Boten Rugh 92.133. Phaleday moriling contilege fina Inplore critte cinuna Imati have Radrittoron. Hel fil phalesti vilg. sing 2. 1etil tip. fl. porate manimic & ret. cal have Spor May Agona longer Hall, 7 ad 10 lorul rington found antes and them the Spor May Agona longer and general DECANDRIA. 267 Grand of Krampland skyd,

Vexillum latissimum, verticaliter cordatum, reflexum, emarginatun'i cum acumine.

Alæ duæ, subrotundæ, conniventes, vexillo breviores. Carina compressa, semilunulata, alis brevior.

STAM. Filamenta diadelpha, (unicum simplex superius, subulatoplanum : & novem subulata infra medium in cylindrum, superne fissum) coalita. Antheræ subrotundæ.

PIST. Germen oblongum, compressum. Stylus ascendens, triangulus, membranaceus, extrorsum flexis lateribus. Stigma angulo superiori adnatum, oblongum, villosum.

PER. Legumen magnum, longum, teretiusculum (vel compressum deorsum) apice sursum acuminato, uniloculare, bivalve. SEM. plura, globofa. Silven montain poresen

OBS. Ochri T. Semina puncto receptaculi oblongo notantur, mu 1 mai fo Pisi T. semina puncto insertionis subrotundo alligantur.

707. LATHYRUS *. Gesse. Tournef. 216. 217. Riv. IV: 47-57. Clymenum Tournef. 218. Aphaca Tournef. 223. Indentation Edit. prior. 576. 1. La Super reter al Vitymalie actopuins

CAL. Perianthium monophyllum, semiquinquesidum, campanulatum : laciniis lanceolatis, acutis : superioribus duabus brevioribus, infima longiore.

C o R. papilionacea.

R. M. A. A. Wald

DRIA

Diligue que hich

m, quadridentatum,

natum, totum teffe-

adinales, vexillo sub.

s, à tergo non exca.

wens arête, longitu.

mennfidum), fimplici

as alcendens. Stigme

cem styli excurrens,

um, bivalve, bilocu-

alis diffinguit genus.

A. G. 1706.t. I.

6. Phaleoli species

tubulatum, quinque-

, margine undulatum,

mension), Anthere

miloculare,

la. IV: 43-46.

m, acutum, perli-

my of Seens Cat Alter

Annabald.

. 119. 220.

Stirner aberlam.

riores.

Vexillum obverse subcordatum, maximum lateribus & apice reflexis.

Alæ oblongæ, lunulatæ, breves, obtusæ.

Carina semiorbiculata, magnitudine alarum, iisque lattor, in medio introrsum dehiscens.

Sтам. Filamenta diadelpha, (fimplex & novemfidum), aflurgentia. Antheræ subrotundæ.

PIST. Germen compressum, oblongum, lineare. Stylus sursum erectus, planus, superne latior, apice acuto. Stigma villosum, à medietate styli ad apicem antice productum in disco plano. PER. Legumen longissimum, cylindraceum vel compressum, acuminatum, bivalve. SEM. plura, cylindracea, globosa, vel parum angulata. O B S. Lathyri T. folia conjugata cirrhifera. Niffoliæ T. folia simplicia cirrhis carentia ferunt. granine tin 2 minin acut and Aphaca Stipulas promit absque foliis. Clymenum T. folia pinnata cirrhosa gerit. Pisum admodum affine est Lathyro : differt tamen manifeste Stylo.

alparthy Live alimmer grace opentie & prime him Conts flor der stocapil termien flor der stocapil termien cal. 1 plus for laun Jop may; Con Vetulliotty, cum seumin them. Stedelple Toplet gt # Sim Legunating & willing out mutil. Ven 2.

Nipolia. 24. erecta val ishebit. Parguini Stain 10 limit commen capitolalata + toul. provillata:

DIADELPHIA DECANDRIA. 268 "enhin. M. horp. 105. fol varlatere involute.

Candalidas Alal. Litry retragondery, flydersni tand Spul a Lot in hu.

DIAD

174 Mr. Filometrica a

in Anthorn finh

Ist. Garmon or

crettus. Stigrand

al spicem Byli

is. Legumen ten

localare, bivaly

iss. plurima , fa

10. LOTUS

u. Perianthium.

mus acutis, zo

is. papilionace.

Vezillum fubro.

Ale fubrotunda

Carina inferne

un. Filamenta

ia, apicibus I

Ist. Germen te

unctum inflet

ER. Legumen

ploculare, bin

in. plura, fu

BS. Loti Kn.

Tetragonolob

notatum.

He capit . S. to

AL. Perianthia

fere æquale, p

Cor. papilionac

Vexillum vert

Ala oblonga, Carina recta, l

JIAM. Filamenti

tia. Antheræ fi

Pist. Germen

PER. Legumen

fere tectum.

H. 12 2 40 parts

Ken Cap. V. and de

with 5 D de n Spt. pape 10. 2and Sayal hym il. the is

- 1 hay har an

SEM; Unum , 2 Verhau, 100gr

heter.

plex.

DI

II.

cavo.

brevis.

708. VICIA *. VESSE. Tournef. 221. Riv. IV: 64-68. Craçca Riv. IV: 58-61. Faba, Fe've. Tournef. 212. Riv. no aprof. Dine Tele vicie / pu / auntiniope. 29. 30. Malp. 179. 241.

> CAL. Perianthium monophyllum, tubulatum, erectum, semiquinquefidum, acutum, sursum obliquum, dentibus superioribus brevioribus, conniventibus : omnibus æqualis latitudinis.

Cor. papilionacea.

- Vexillum ovale, ungue lato oblongo, apice emarginatum cum acumine, lateribus reflexum, linea longitudinali compressa elevata.
- 'Alæ duæ, oblongæ, rectæ, semicordatæ, ungue oblongo, vexillo breviores.
- Carina ungue oblongo, bipartito: ventriculo compresso, semiorbiculato, alis breviore.
- Sтам. Filamenta diadelpha, (fimplex & novemfidum). Antheræ erecta, subrotunda, quadrisulca.
 - Nectarii glandula intra stamen compositum & germen è receptaculo oritur brevis, acuminata.
- PIST. Germen lineare, compressum, longum. Stylus filiformis, brevior, ad angulum rectum ascendens. Stigma obtusium, inferne undique barbatum.

PER. Legumen longum, coriaceum, bivalve, uniloculare, acumine terminatum.

Sем. plura, subrotunda.

OBS. Examinanti centies flores Viciæ & Fabæ, nulla apparuit nota qua separari potuit in duo: plura enim attributa huic generi propria in utraque adstant simillima. Sola semina modo parum differunt, at nec vidimus in hac classe unquam sola semina genera determinare potuisse.

Fabæ T. Semina ovata, compressa. Viciæ Riv. Semina subrotunda.

En un latin 709. OROBUS *. Tournef. 214. Riv. IV: 69-71. CAL. Perianthium monophyllum, tubulatum, basi obtusum: ore obliquo, quinquedentato, brevissimo: denticulis tribus inferioribus acutioribus : duobus superioribus brevioribus, profundius & obtuse divisis : marcescens.

COR. papilionacea.

"opo fos . 201 Mm 709.

milio cally 2 alay auplest. Vexillum verticaliter cordatum, desinens in dimidiatum cylindrum, calyce longiorem.

Alæ duæ, oblongæ, longitudine fere vexilli, assurgentes, conni-- 1 public morros

Carina inferne manifeste bisida, acuminata, assurgens: margini-795. Concer Lineur vicine fun vic Confecce Lin er homen Vierse fun vorge onig dinil A. mel 1.2. 55. en cracese off pour fot pine imparie abgrichto. In Colinil A. mel 1.2. 55. en cracese off pour flan saidle le parati and attendent och ava preme Preme Col cyle 5 duit and attendent off putty off pourse folies and Pour 8. # 135 con my Contraction and attendent and putty of the pourse folies and the pay

For began 2 valo ithini intercept. golyp. Ven. mumenoza. water

His 2 2 3 primer Brenta, petore aprile fita meder linean terner fatthy constration 2. Harling tuniedrukangly fits construction filsten. Spore flow fait and Sflot in Sylvat latificano, vislas.

DIADELPHIA DECANDRIA. 269 STAM. Filamenta diadelpha, (fimplex & novemfidum), ascenden-tia. Antheræ subrotundæ.

PIST. Germen cylindraceum, compressum. Stylus sursum flexus, erectus. Stigma lineare, pubescens, latere interiore à medietate ad apicem styli adnatum.

PER. Legumen teres, longum, apice acuminato ascendente, uniloculare, bivalve.

SEM. plurima, subrotunda.

NDRIA.

. Riv. IV : 64-68,

Tournef. 212. Riv.

erectum, femiquin-

abus superioribus bre.

te emarginatum cum

ogitudinali compressa

, ungue oblongo, ve-

la comptello, semior.

ovemfidum). Anthera

& germen è recepta-

m. Stylus filiformis,

gma obtufum , infer-

, uniloculare, acumi-

e, mulla apparuit nota

ibuta huis generi pro-

ins modo parum diffe-

ala femina genera de-

IT. IV: 69-71.

Bing Prode platere

m, huf obtalum : ore

manis mitas inferiori-

ichus, profundius, &

I ally anyplat.

n demidiatum cylin

angentes, comi-

isturgens : margini-

Sando ventricolo,

Mand consider 1/1/100

- free man Ann 8: M

and and the president of the president

710. LOTUS *. LOTIER. Tournef. 227. Riv. IV : 91-94: Notor Some Change

CAL. Perianthium monophyllum, teres, semiquinquefidum, dentibus acutis, æqualibus, erectis, persistens.

COR. papilionacea. 4nd

Vexillum subrotundum, deorsum flexum : ungue oblongo, concavo.

Alæ subrotundæ, vexillo breviores, latæ, sursum conniventes.

Carina inferne gibba, superne clausa, acuminata, ascendens slpet. by 2/1 brevis.

STAM. Filamenta diadelpha, (fimplex & novemfidum), ascendentia, apicibus latiusculis. Antheræ parvæ, simplices.

PIST. Germen teres, oblongum. Stylus fimplex, ascendens. Stigma punctum inflexum.

PER. Legumen cylindraceum, strictum, quasi transversaliter multiloculare, bivalve, uniloculare.

Seм. plura, subrotunda.

OBS. Loti Kn. Legumen nudum æquale.

Tetragonolobi Kn. Legumen quatuor membranis longitu dinalibus notatum.

DORYCNIUM *. Tournef. 211. fol. sur let reland es preteres 7II. fl. copor. S. termin. Tubucity Loti. 2 ttip minim the nigroe,

CAL. Perianthium monophyllum, tubulatum, quinquedentatum, tere æquale, persistens.

COR. papilionacea. 4mt

Vexillum verticaliter cordatum, reflexum, majus. Alæ oblongæ, longitudine carinæ.

Carina recta, brevis. 1put bai 2 from.

STAM. Filamenta diadelpha, (fimplex & novemfidum), ascendentia. Antheræ fimplices.

PIST. Germen ovatum. Stylus subulatus, ascendens. Stigma sinplex.

PER. Legumen subrotundum, acuminatum, bivalve, uniloculare, fere tectum.

SEM: Unum, alterumye. mili whe salk - agate h m 1.2.51. agaito Brain Sarany lilegui, by Mini dangustilling folignianeta abysti uti duban 25. parity Ner computeri 3ad 6 andli magni Villan. preter. Of chy nom fil 12 ad 40 paris abopti alt p.115. cal yulyle haven but & don't plan cap & and upprate: cal gabes for during con A pat. rapil. Nt-10. 9300. Timple atg W. ten sptipapt Siloy. Congasterije under multitored Legun ciletine impth. metthe comelling be avert agl. Sam 1. avait 7 day lores

DIADELPHIA DECANDRIA.

712. ANTHYLLIS *. Riv. IV: 23. 24. Vulneraria. flicapitation Tournes 211.

Legumen 1 loud uting autum valita longitud inali's Sein rumerson

CAL. Perianthium monophyllum, ovato-oblongum, parum inflatum, villosum, ore quinquedentato, inæquali; persistens.

COR. papilionacea.

270

Diphy/a 21. Carthagenentif. Taequini . Carib. Cal.

Vexillum longius, lateribus reflexis, ungue longitudine calycis. Alæ duæ oblongæ, vexillo breviores.

Carina compressa, longitudine alarum, alis similis.

STAM. Filamenta diadelpha, (fimplex & novemfidum). Antheræ fimplices.

PIST. Germen oblongum. Stylus fimplex, ascendens. Stigma obtufum.

PER. Legumen subrotundum, tectum, intra calycem, minimum, bivalve.

SEM. unum, alterumye.

Triquition 201 713. TRIFQLIUM *. TREFFLE. Tournef. 228. Riv. IV: 12-19. Trifoliastrum Mich. 25. Triphylloides Pont. anth. Lupulinum Riv. IV: 11. Lagopus Riv. IV: 20-22. Melilotus, MELILOT. Tournef. 229. Riv. IV: 7-10. Lupinaster Buxb. Sotanical Documentati

> CAL. Perianthium monophyllum, tubulatum, quinquedentatum, perfistens.

Cor. papilionacea, sapius persistens, marcescens. Vexillum reflexum. Alæ vexillo breviores.

Carina alis brevior.

1. Perianthiams miis linearibus, or. papilionacea. undum, majus. de obtulæ, ver loina alis brev. um. Filamenta in Anthera firm st. Germen ob um. ik. Legumen o untibus, nodol M. quatuor, te is, maximam

DIADE

Inpulini Riz. Con

Lagopi Riv. Caly Lagopi Riv. Lague

Lupinalter Legun

14. ERNUM

Con retroyain circunta

r. CICER Lens, LENT 1p. Riv. IV :

L. Perianthis iniis linearibu or. papilionac Ale obtufz, v Carina alis bre

NAM. Filamenta

ua. Antheræ fin

1ST. Germen ob

ER. Legumen r

EM. duo, fubro

OBS. Semina ca

a Lente.

lum,

- STAM. Filamenta diadelpha, (fimplex & novemfidum). Antheræ fimplices.
- PIST. Germen subovatum. Stylus subulatus, ascendens. Stigma fimplex.
- PER. Legumen breve, univalve.
- SEM. paucissima, subrotunda.
- OBS. Characterem hujus generis absolutum cum nota sua vera & essentiali, licet plures examinando species maximam impenderim operam, etiamnum me dare non posse fateor, nec dedit ullus alius hactenus, ne quidem à foliis.
 - Genus hoc naturale esse docent facies & attributa varia specierum: nec limites invenerunt, qui dilacerare tentarunt.
 - Triphylloides Pont. Corolla monopetala, coalitis scilicet in unum. vexillo, alis & carina, gaudet.
 - Trifoliastri Mich. Legumen calyce longius : Flosculi in capitulum .congesti.

anthyllip Mum ic 42. g. 2. Videtan Novan gener. ? Rotinia / pre.

DIADELPHIA DECANDRIA. Lupulini Riv. Corolla persistens, Vexillo inflexo plano. Lagopi Riv. Calyx longitudine corollæ villosus. Meliloti T: Legumen calyce longius. Lupinaster Legumina polysperma. Folia quinata.

271

714. ERVUM ERS. *. Tournef. 221. Riv. IV: 72.

CAL. Perianthium quinquepartitum, longitudine fere corollæ : laciniis linearibus, acuminatis, fere æqualibus.

COR. papilionacea. Vexillum planum, leviter reflexum, subrotundum, majus.

Alæ obtusæ, vexillo dimidio breviores.

Carina alis brevior, acuminata.

Carried Land

NDRIA.

23. 24. Vulnerais

Songum, parum infla.

e longitudine calycis.

ovemfidum). Anthers

Scendens. Stigma obtu-

a calycem, minimum,

mef. 228. Riv. IV.

vylloides Pont. anth.

W. IV: 20-22. Me-

r. IV: 7-10. Lupi-

m, quinquedentatum

novemfidum). Anthere

s, afcendens. Signa

cam ante fas vera &

maximum impenderim

To an desit ullus alius

ince caria (pecierum:

alicis scilicet in unum

Flasselli in capitulum

celcens.

s fimilis.

all'; perfiftens.

STAM. Filamenta diadelpha, (fimplex & novemfidum), affurgentia. Antheræ fimplices.

PIST. Germen oblongum. Stylus fimplex, affurgens. Stigma obtufum.

PER. Legumen oblongum, obtusum, teres, seminibus protuberantibus, nodosum.

SEM. quatuor, fere subrotunda.

OBS. maximam cum Cicere habet affinitatem.

715. CICER *. POIS-CHICHE Tournef. 210. Riv. IV : 25. Eps fivles groce. Lens, LENTILLE. Tournef. 210. Riv. IV: 41, 42. Craccæ fp. Riv IV:162=63 for Botanical Documentatio

CAL. Perianthium quinquepartitum, longitudine fere corollæ: laciniis linearibus, acuminatis, fere æqualibus. COR. papilionacea. Vexillum planum, subrotundum, majus. Alæ obtusæ, vexillo dimidio breviores. Carina alis brevior, acuminata. Sтам. Filamenta diadelpha, (fimplex & novemfidum), affurgentia. Anther & limplices. PIST. Germen oblongum. Stylus fimplex, affurgens. Stigma obtufum.

PER. Legumen rhomboidale, turgidum.

SEM. duo, subrotunda.

O B S. Semina capitis arietis forma non possunt distinguere Cicerem à Lente.

Storales riverete flor worke filer lineand. S. inpuis fl. . 3 anoth cat off. Struct lan pople the fin Spit carin aget Dorso or come It-22 Myletyp DIADELPHIA DECANDRIA.

PSORALIA *. Roy. lugd. p. 372. 716. Intumaria . heilt.

CAL. Perianthium monophyllum, tuberculis punctatum, quinquesidum : laciniis acutis, æqualibus, persistentibus : infima duplo longiore.

COR. papilionacea, pentapètala.

272

Vexillum subrotundum, emarginatum, assurgens. 2 cellis hu: Ale lunulate, obtuse, parve.

Carina dipetala, lunulata, obtusa.

STAM. Filamenta diadelpha (fimplex, setaceum, novem coalita) adscendentia. Antheræ subrotundæ.

PIST. Germen lineare. Stylus subulatus, ascendens, longitudine staminum. Stigma obtusum.

PER. Legumen longitudine calycis, compressum, ascendens, acuminatum.

SEM. unicum, reniforme.

OBS. Singulare in hoc genere calycem, uti tota planta, tuberculis esse punctatum & petala venis coloratis notata.

717. ASTRAGALUS *. Astragale. Tournef. 233. Riv. IV: 124 - 128. Glaux Riv. IV: 129-131.

CAL. Perianthium monophyllum, tubulatum, quinquedentatum, acutum, denticulis inferioribus gradatim minoribus. Cor. papilionacea.

Vexillum longius reliquis, lateribus reflexis, emarginatum, obtusum, rectum.

Alæ oblongæ, vexillo breviores.

Carina longitudine alarum, emarginata.

Sтам. Filamenta diadelpha, (fimplex & novemfidum), fere recta. Anthera subrotunda.

PIST. Germen teretiusculum. Stylus subulatus, ascendens. Stigma

(11. Perianthing quedentatum, Cor. papilionac . Vextilum relig dens : lateril Ale duz, rect Corina dipetala brevior. tim. Filament & fere æquali IST. German rum, definens ma parvum, ER. Legumen EM. paucifima

DIAD

Corina longitud

ILAM. Filamenta

dations parva.

IIST. German ol

dens. Stigman fim

VER. Legarmons min

ralvis contratio.

(EM. plurima, rei

TRAGA

20.

AL. Perianthis

Labio Superiore

Lab. inferiore |

Con. papilionac

Vexillum obve

ce emarginat

Ale oblong x ,

Carina linearis

premente ob

STAM. Filament

rum divifa, re

Pist. Germen o

ptus. Stigma ob

PER. Legumen o

SEM. neriformia.

Alisante el ja

ctiore.

obtusum.

PER. Legumen biloculare : loculis ad alterum latus magis flexis. SEM. reniformia.

OBS. Tragacantha summam cum Astragalis habet affinitatem. Astragalus Riv. Siliqua gaudet oblonga polysperma. Glaux Riv. Siliculam gerit cordatam.

718. BISSERRULA *. Pelecinus Tournef. 234. Utrinque. ferrata Riv. IV: 122.

CAL. Perianthium monophyllum, tubulatum, erectum, semiquinquefidum, dentibus subulatis, æqualibus, superioribus duobus remotioribus.

. COR. papilionacea.

Vexillum majus, lateribus reflexum, ascendens, subrotundum. Alæ ovato-oblongæ, liberæ, vexillo breviores.

Carina

DIADELPHIA DECANDRIA. 273

Carina longitudine alarum, obtusa, ascendens.

STAM. Filamenta diadelpha, ascendentia apicibus, carina inclusa: Antheræ parvæ.

PIST. Germen oblongum, compressum. Stylus subulatus, ascendens. Stigma fimplex.

PER. Legumen magnum, lineare, planum, biloculare : dissepimento valvis contrario.

SEM. plurima, reniformia, compressa:

- Komi him 8 pl 39. abry palp.

719. TRAGACANTHA *. BARBE DE RENARD. Morava Mugh Tournef. 234.

CAL. Perianthium monophyllum, tubulatum, fere æquale, quinquedentatum, denticulis remotioribus.

COR. papilionacea.

Vexillum reliquis longe majus, ovatum, emarginatum, ascendens : lateribus reflexis.

Alæ duæ, rectæ, lineares, obtusæ, vexillo breviores.

Carina dipetala, déorsum connivens, obtusa, ascendens, alis brevior.

Sтам. Filamenta diadelpha, (fimplex & novemfidum), fere recta & fere æqualia. Antheræ subrotundæ.

Pist. Germen oblongum, superne ad basin perforatum, mellicerum, definens in Stylum subulatum, levissime ascendentem. Stig= PER. Legumen breve, gibbum, stylo acuminatum, biloculare. U

GLYCINE*. Apios Boerb. abut piago Bradha. J. Andley S Ем. paucifima, reniformia.

overnfidum), fere rectz. 720.

itus, alcendens, Stigma

M. 2. Ingthe Ju

alis punctatum, quina Atentibus : infima duplo

Hurgens, 2 callis by

ceum, novem coalita)

ascendens, longitudine

tessam, ascendens, acu.

tota planta, tuberculit

. Tournef. 233. Riv.

m, quinquedentatum,

exis, emarginatum, ob-

: 129-131.

ninoribus.

NDRIA.

gd. p. 372.

um latus magis flexis.

is kabet affiniatem.

une. 1jt. Utrinque.

erectum, femi-

as feperioribus duobus

lens, fubrotundum

0.752

· Caritta

ndy perma

12.

CAL. Perianthium monophyllum, compressum : ore bilabiato : Labio superiore emarginato, obtuso.

Lab. inferiore longiore, trifido, acuto: dente intermedio productiore.

Cor. papilionacea.

Vexillum obverse cordatum, lateribus deflexis, dorso gibbo, apice emarginato, recto.

Alæ oblongæ, versus apicem ovatæ, parvæ, deorsum flexæ. Carina linearis, falcata, sursum flexa, apice vexillum sursum premente obtusa, versus apicem latior.

Sтам. Filamenta diadelpha, (fimplex & novemfidum,) apice parum divisa, revoluta. Antheræ simplices.

PIST. Germen oblongum. Stylus cylindraceus, in spiram revolutus. Stigma obtusum.

S

PER. Legumen oblongum, biloculare. SEM. neriformia.

fel. saata et grinn imp.

DIADELPHIA DECANDRIA.

Corniola, Mol. connesta Car goulde tineton gementra ft. 12 pla tente.

- plane med. 3024 lam plant.

al nomen groceum Lenti, 721. PHACA *. Astragaloides Tournef. 223. comm. Cl. Royeno.

CAL. Perianthium monophyllum, tubulatum, quinquedentatum. COR. papilionacea. Vexillum obverse ovatum, rectum, majus.

Alæ oblongæ, obtusæ, breviores.

Carina brevis, compressa, obtusa.

STAM. Filamenta diadelpha : simplex & novemfidum. Antheræ subrotundæ, adscendentes.

PIST. Germen oblongum. Stylus subulatus, adscendens. Stigma limplex.

PER. Legumen oblongum, inflatum, sutura superiori depressa versus inferiorem, uniloculare. Juni 2 boulare

SEM. plura, reniformia.

274

OBS. Legumen in aliis rectum est, in aliis verò recurvum, ut apex ferme basin attingat.

Cum in Astragalis quibusdam dissepimentum Leguminis non affigitur sutur æ inferiori, licet approximatum sit, patet hinc affinitas summa Phace & Astragali.

norstin then 722. COLUTEA *. BAGNENAUDIER. Tournef. 481. Riv. it Institute for Botaniczi CAL. Perianthium monophyllum, campanulatum, quinquedentatum, erectum, fere æquale, perfistens. COR. papilionacea. Dyminih 4ret Vexillum, Alæ, & Carina figura varia gaudent. Alæ appresse, breves lanceolatze. Carina 1 petate. STAM. Filamenta diadelpha, (fimplex & novemfidum,) ascenden-

11. Perianthiu idum; denticu or. papilionac Vexillum fubo Ale duz, ovar xillum cum :

Carina breviffin

1AM. Filamenta

allurgentia. An:

ist. Germen ov

ER. Legumen or

EM. plura, fubro

UBS. Sola Corolla

implex.

rem.

13. ARACHI

(11. Periant himm

ton, femittifiden

Lab. inferious lam

(03. papilionaces

Vexillum fubros

um, calyce

Ale liberz, fub

Cirina fubulata

11M. Filamenta

longitudine carr

ist. Germen of

alcendens. Stig

is. Legumen o

alatum, unilo

in duo, obles

4. TRIGON

bifida.

- tia. Antheræ fimplices.
- PIST. Germen oblongum, compressum, utrinque attenuatum. Stylus ascendens. Stigma linea barbata ab apice styli ad ejus medium à parte superiori extensum.
- PER. Legumen maximum, latisfimum, inflatum, compressum, sutura superiori erecta, inferiori gibba, uniloculare, ad basin in sutura superiore dehiscens.

SEM. plura, reniformia.

O B S. Corolla in hocce genere nihil omnino valet, Fructus verò esfentiam exhibet.

723. ARACHIS *. Arachidna Plum. 37. Arachidnoides Niff. A. G. 1723. t. 19.

Chemespartinen Trag. Cytifor mongrittelen: gentette cor. filographel Barter flogor temp sleeft cato tuto m. 3 22. andia filographel Barter flogor temp sleeft cato tuto m. 3 22. andia Labor. Con. terrest . Star 10. Jadight hym plan and. 3 ad floring law.

CAL. Perianthium bipartitum, dehiscens : Labium superius ovatum, semitrifidum; lacinula intermedia fere majori, emarginata: Lab. inferius lanceolatum, concavum, acutum, ferè longius. COR. papilionacea, tetrapetala.

Vexillum subrotundum, deflexo-planum, maximum, emargina-

tum, calyce longius. Alæ liberæ, subovatæ, vexillo breviores.

Carina subulata, recurva, longitudine calycis, basi levissime bifida.

STAM. Filamenta diadelpha, coalita, superne divisa, subulata, longitudine carinæ. Antheræ subrotundæ.

PIST. Germen oblongum. Stylus subulatus, longitudine germinis, ascendens. Stigma fimplex.

PER. Legumen ovato-oblongum, teres, medio coarctatum, reticulatum, uniloculare.

SEM. duo, oblonga, obtusa, gibba.

And the second s

ANDRIA.

mef. 223. comm. Q

atum, quinquedentatus

tum, rectum, majus,

vemfidum. Anthere fub.

ms, adscendens. Stigms

ta superiori depressa ver.

cerò recurvum, ut apex

tum Leguminis non af-

aturn fit, patet hine of.

Tournef. 481. Riv.

latum, quinquedenta-

audent. Ale apprelle,

vernfidum,) alcenden-

utrinque attenuatum.

ib apice styli ad ejus

Batum, comprellum,

milocular, ad balin in

Eraftus verò effen-

724. TRIGONELLA FENU-GREC, Fænum græcum fængræguniski Tournef. 270. Riv. IV: 97. Tiphes . Dien Thing Part

16 A L. Perianthium monophyllum, Campanulatum, semiquinquefidum; denticulis subulatis, fere æqualibus.

Cor. papilionacea, quasi tripetala.

Vexillum subovatum, obtusum, reflexo-patens.

Alæ duæ, ovato-oblongæ, extrorsum reflexo-patentes : ut vexillum cum alis quasi constituat corollam tripetalam regularem.

Carina brevissima, obtusa, umbilicum floris occupans. Sтам. Filamenta diadelpha (fimplex & novemfidum); brevia, affurgentia. Antheræ simplices. PIST. Germen ovato-oblongum. Stylus fimplex, affurgens. Stigma fimplex. PER. Legumen ovato-oblongum, compressum, tectum. SEM. plura, subrotunda. OBS. Sola Corollæ figura ab omnibus distinctum evadit genus.

petiolares no stipulie. Non fine time papitionae. Leguenen planum Lunatum inerierum / faleatuma. fl. paper porten comulie pton flar, fin midior. Cal-hacmights StuDIADELPHIA DECANDRIA. ? Itan Hay antind vol Dadalyh for Botonte ad hisyoun beerdd 2 Coul . 1. functionthe Som.

Medicays avona andlate. Much 8. 6.208. Al gol 1 pinn inpari. Spina 2

725. MEDICAGO *. Tournef. 231. Falcata Riv. IV: 19 Sing Medica, Luzerne. Tournef. 231. Cochleata Riv. IV : 104-109.

> CAL. Perianthium monophyllum, rectum, campanulato-cylindraceum, semiquinquefidum, acuminatum, æquale.

AD.

Homias heard . A

M. HEDYSAN

Dill. elth. 141

111. Riv. IV :

(11. Periant binne

balatis, erectis,

(os. papilionacea

Vexillum reflexe

Ale oblongz , n

Corina recta, co

ad gibbum bib

Ism. Filamenta

on rectum infle

ist. Germen te

fumina inflexus

ER. Legumen a

EM. reniforme,

is. Pericarpius

Onobrychis T.

Hedylari T. L.

Alhagi T. foli ulta multilizant. 2 Dirk. Hillate.

28. ÆSCHY

L. Perianthin

equalibus; Supe

OR. papilionace

Vexillum fubco

Ale fubovatz,

Carina lunulata

MAM. Filamenta

que & quinque

atus germinis p

Pist. Germen o

fcendens. Stign

PER. Legumen los

uniloculare, art

EM. Solitaria int

OBS. Staminibus

Genere §. 727. (

hery among

tans.

bivalvis.

nera.

longum.

C o R. papilionacea.

n.G.

Vexillum ovatum, integrum, marginibus inflexis, totum reflexum.

Alæ ovato-oblongæ, appendice carinæ affixæ, lateribus conniventibus sub carina.

Carina oblonga, bifida, patens; obtusa, reflexa & hians à vexillo.

STAM. Filamenta diadelpha, coalita fere ad apices. Antheræ parvæ. PIST. Germen oblongum, incurvatum, compressum, pedicello infidens, filamentis involutum, è carina exeuns, vexillum refle-Etens, desinens in Stylum brevem, subulatum, fere rectum. Stigma terminatrix, minimum.

PER. Legumen compressum, longum, inflexum.

SEM, plura, reniformia vel angulata.

OBS. Cochleatæ R. Siliqua spiraliter cochleata.

Falcatæ R. Siliqua arcuata, falcata.

GLYCYRRHIZA *. REGLISSE. Tournef. 210. y Nuruppi Sa dire 726.

> CAL. Perianthium monophyllum, tubulatum, bilabiatum, persitens.

Labium superius tripartitum : laciniis lateralibus linearibus, intermedia latiore, bifida.

Labium inferius simplicissimum, lineare. COR. papilionacea, tetrapetala.

Vexillum ovato-lanceolatum, rectum, longius. Alæ oblongæ, carina fimillimæ, fed paulo majores. Carina dipetala, acuta, ungue longitudine calycis. STAM. Filamenta diadelpha : fimplex & novemfidum, carina abscondita, recta. Antheræ simplices, subrotundæ. PIST. Germen calyce brevius. Stylus subulatus, longitudine stami-

num. Stigma obtusum, ascendens.

PER. Legumen ovatum vel oblongum, compressum, acutum, uniloculare.

SEM. paucissima, reniformia.

- Songame hom . S. 7. & Siminal. Carango- Mach. Away de chapa hujet. many bonon and pour fol alt pinnet inpone sado, mage . opice for Mank. Bay Heraph faile ophone lipet. At 10. /inplace god. rend in maga

Meibomia, heart. hedylan anad Bahyll, Com. 12Ny. arthul. crematit. Non n 727. HEDYSARUM *. Tournef. 225. Riv. IV: 119-121. Dill. elth. 141-144. Onobrychis, SAINFOIN. Tournef. Dro forxis. Diva. 211. Riv. IV: 2. Alhagi Tournef. 439.

CAL. Perianthium monophyllum, semiquinquesidum : laciniis subulatis, erectis, persistentibus.

COR. papilionacea, striata.

Vexillum reflexo-compressum, ovato-oblongum, emarginatum, longum.

Alæ oblongæ, reliquis angustiores, rectæ.

Carina recta, compressa, extrorsum latior, fere truncata, à basi ad gibbum bifida.

STAM. Filamenta diadelpha, (fimplex & novemfidum) ad angulum rectum inflexa. Antheræ subrotundæ, compresse.

PIST. Germen tenue, compressum, lineare. Stylus subulatus, ut stamina inflexus. Stigma simplicissimum.

PER. Legumen articulus subrotundus, compressus, monospermus, bivalvis.

SEM. reniforme, folitarium.

OBS. Pericarpium in hoc genere parum differt, hinc varia facta genera.

Onobrychis T. Legumen unico articulo constans. Hedyfari T. Legumen articulis plurimis catenulatim affixis con-

tans. Alhagi T. foliis alternis ab Hedyfaro T. distinguitur. filig non anti nodra multilaal, 2 ped mini alt pina ! we retring folio. flor upra mid. prinamen maleurter violace

728. ÆSCHYNOMENE *. Mimolæ spec. Breyn. cent. 52. gajata Ach Ledypresen D'an. Ic. 149. 7.2.

CAL. Perianthium monophyllum, bipartitum, ringens: Labiis æqualibus; superiori scilicet bifido; inferiore tridentato. Cor. papilionacea.

bleata.

flexum.

SE. Tournef. 210.

ANDRIA.

31. Falcata Riv. IV

armef. 231. Cochlead

n, campanulato-cylinia

ous inflexis', totum refle

affinz, lateribus conni.

a, reflexa & hians à ve.

ad apices. Anther a parva,

, compressum, pedicella

a exeuns, vexillum refle.

ubulatum, fere rectum

rtum, bilabiatum, perfi-

ereralibus linearibus, in-

im, longisk

ed paulo myores.

non carina ab-

acutum, uni-

chara hazit. manybon

entudine carros

Vexillum subcordatum, vix dehiscens, majus. Alæ subovatæ, obtusæ, vexillo breviores. Carina lunulata, acuminata, longitudine alarum. Sтам. Filamenta decem, coalita ad basin in duo corpora, quinque & quinque simul, singula phalange staminum ad singulum latus germinis polita. Antheræ parvæ. PIST. Germen oblongum, villosum, teres. Stylus subulatus, adscendens. Stigma simplex. PER. Legumen longum, compresso-planum, articulatum, scabrum, uniloculare, articulis discedens. SEM. solitaria intra singulum articulum, reniformia. OBS. Staminibus quinque & quinque coalitis differt notabile & à Genere §. 727. & reliquis diadelphis notis.

S iij

DIADELPHIA DECANDRIA. 278

Bon. 729. HIPPOCREPIS *. Ferrum Equinum, FER A CHEVAL Tournef. 225. Riv. IV: 117. 118.

- CAL. Perianthium monophyllum, quinquedentatum, denticulis duobus superioribus conjunctis, minusque divisis, persistens.
- COR. papilionacea. ungution caldelonginity when Series. 4 not Vexillum cordatum, ungui longitudine calycis insidens. Alæ ovato-oblongæ, obtufæ.

Carina lunulata, compressa. ringles petato 2. in un moment plan april Sтам. Filamenta diadelpha, (fimplex & novemfidum), ascendentia. Antheræ fimplices.

PIST. Germen tenue, oblongum, definens in Stylum subulatum, ascendentem. Stigma simplicissimum.

PER. Legumen compresso-planum, longissimum, reflexum, à sutura inferiori fere ad superiorem incisum multoties, sinubus subrotundis, hinc articulis constans obtuse trigonis, plurimis, sutura superiore connexis.

SEM. solitaria in fingulo articulo, oblonga, incurva.

OBS. Esfentialis character in Legumine soleæ equinæ forma constat.

· 730. SCORPIURIUS *. Scorpioides, CHENIL. Tournef. 226. Campoides Riv. IV: 115. 116.

CAL. Perianthium monophyllum, erectum, inflatum, levissime compressum, semiquinquesidum, acutum : dentibus fere æqualibus, superioribus minus divisis.

COR. papilionacea.

Vexillum subrotundum, emarginatum, limbo reflexum, patens. Alæ subovatæ, laxæ, appendice obtusa.

Carina semilunulata, ventre gibba, acuminata, erecta, inferne bipartita.

IL. Perianthium hdum, erectum coalitis, perfift or. papilionace Vexillum cord Ale ovatz, fur Carina compre TAM. Filament lum fere rectu plices, parvæ. IST. Germen to ma parvum, o er. Legumen dum, bivalve EM. plura. JBS. Coronillz

giulcula.

733.

Securidaca T.

angusta; Sen

Emeri T. Ungu

latum : Semi

CAL. Perianthia

Cor, pentapetal

tecta, concava

STAM. Filamen:

ta funt novem

PIST. German o

ne staminum.

PER. Legument

SEM. UNICUM. M. hadsyrfera.

China compressio

ITAM. Filamenta

ist. German line

les. Legumen fin

difcedentibus ca

isu. folitaria , ful

iss. Flores sono p

12. CORONI

Emerus Tour

IV: 99.

terminatrix.

- Sтам. Filamenta diadelpha, (fimplex & novemfidum), ascendentia. Antheræ parvæ.
- PIST. Germen oblongum, teres, parum reflexum. Stylus sursum inflexus. Stigma punctum terminatrix.
- PER. Legumen oblongum, teretiusculum, coriaceum, striatum, scabrum, revolutum, in plura loculamenta longitudinaliter posita interne divisum, externe obscure articulis contractis nodosum. SEM. solitaria, subrotunda.

731. ORNITHOPUS *. Ornithopodium, PIED D'OISEAU. Tournef. 224. Scorpiurus Riv. IV: 114.

CAL. Perianthium monophyllum, tubulatum, ore quinquedentato, tere æquali, persistens. COR. papilionacea.

Vexillum verticaliter cordatum, integrum. Alæ ovatæ, rectæ, magnitudine vix vexilli. M. min grinning for under particultant Cal party patery. Conta medres M. min grinning of the source aford and men lynn multibuil Sam 1882 built M. mb. DIADELPHIA DECANDRIA. 279 Carina compressa, minima.

Toutichiba aluenie Maudralacia Mum. M.S. Tom 7. 8.145. arkn 70 pul.

STAM. Filamenta diadelpha, (fimplex & novemfidum). Antheræ fimplices.

- PIST. Germen lineare. Stylus setaceus, ascendens. Stigma punctum terminatrix.
- PER. Legumen subulatum, teres, incurvatum, articulis plurimis discedentibus connexum.
- SEM. folitaria, fubrotunda.

DRIA.

FER A CHEVAL

ntatum, denticulia

fis, perfistens.

is infidens.

mansmust full on my in

afidum), ascenden.

Srylum fubulatum,

m, reflexum, à fu-

toties, finubus fub.

nis, plurimis, futu-

uine forma constat.

CHENIL. Tournef.

inflatum, levifime

atibus fere zquali-

reflexum, patens,

ta, erecta, inferne

nfidum), alcenden-

rum. Stylus furfum

riaceum, Itriatum, ogirudinaliter pofita

tractis nodolum.

PIED D'OISEAU,

re quinquedenta-

1:114.

urva.

. 116.

OBS. Flores uno plures Receptaculo communi insident.

732. CORONILLA *. Tournef. 419. Riv. IV: 110-113. Emerus Tournef. 418. Securidaca Tournef. 224. Riv. Securina gay Teneniver Dinille IV: 99. nou Sanor S. 9 Jeleing. que.

CAL. Perianthium monophyllum, brevissimum, compressum, bifidum, erectum, dentibus tribus inferioribus minoribus, duobus coalitis, persistens.

Cor. papilionacea.

Vexillum cordatum, undique reflexum, alis vix longius. Alæ ovatæ, sursum conniventes, deorsum dehiscentes, obtusæ. Carina compressa, acuminata, ascendens, alis sæpius brevior.

STAM. Filamenta diadelpha, (fimplex & novemfidum), ad angulum fere rectum ascendentia, apicibus latiusculis. Antheræ simplices, parvæ.

Pist. Germen teres, oblongum. Stylus setaceus, ascendens. Stigma parvum, obtusum.

PER. Legumen longissimum, tenue, inter singula semina contractum, bivalve, uniloculare.

SEM. plura.

- O B S. Coronillæ T. Legumen teres quasi articulatum: Semina oblongiuscula.
- Securidacæ T. Legumen compressum, sutura altera plana, altera angusta; Semina quadragona.

Emeri T. Ungues corollæ calyce longiores : Legumen tonue subulatum : Semina cylindracea.

DALEA *. . 733.

CAL. Perianthium monophyllum, quinquesidum, parvum. COR. pentapetala, inæqualis. Petala quatuor, oblonga, obtusa, recta, concava, æqualia; quintum superius minus. STAM. Filamenta diadelpha, decem, subulata, basi levissime coalita sunt novem, inæqualia, rectæ. Antheræ subrotundæ. PIST. Germen ovatum, desinens in Stylum subulatum, longitudine staminum. Stigma simplex. PER. Legumen ovatum, acutum, bivalve, uniloculare. SEM. unicum. 1059. Indogofora. fl. Lugl. 272. cal 1. phyle . Stant S inj can pant. Spet. ort. 10. 9000. signle ch g/2. war 1. styp 1- Hory 1.ott. Leguencell multilloc.

IEN. bina; rebon - almifolio fute on pyron migro plun pay 36- lab - 144. Horas. contani. Dis, Aurantii T. quanuna. Num. 18 fl. Mor and fl. fl. it Returne top. 2. lat. POLYADELPHIA PENTANDRIA: Citrei T. Periol Can ? put . cabri alt . cas a Class XVIII exhautono Setata semi 2/02. At num velute Dras inserta corcheri; unque ce chiate ut in anno 1. ovar 1. An 1. 149 7 seut Limon T. ab hor thus. Toliacea. est. DEL ute Creiser Atta: renif weet . 2 growing . water unit . Vin plan med linglore OG. HYPER ND for some thank them valute 10. " notala 200° leviter for gun 36. 200 futer chain wiflow graphina THEOBROMA †. Guazuma Plum. 18. Cacao 734. Tournef. 444. Sphyll CAL. Perianthium triphyllum, reflexo-patens : foliolis ovatis, concavis, deciduis. und taken unprimitatas

COR. Petala quinque, erecto-patentia, concavo-galeata: singula feța bifida cornuța.

Nectarium campanulatum, erecto-patens, petalis minus; constans foliolis quinque, ovato-lanceolatis, connexis.

meinhan trev. Colorane inter herent caloron. calicity folr.

St. 5. Lalin, STAM. Filamenta subulata, longitudine nectarii, cui radiorum instar innata : singula apice quinquesida. Antheris in singulo stamine quinque, tectis petalo concavo.-

indatan com PIST. Germen subovatum. Stylus subulatus, longitudine nectarii.

Stigma simplex, m. 75 Coul. vet 16 und PER. Cortes lignosus, inæqualis, quinquefariam exasperatus, interne quinquefariam semina ferens.

SEM. plurima, carnola, fere ovata. magna. mulu

O B s. Cacao gaudet fructu oblongo quinquangulari, utrinque producto. pohalt. fin

Guazuma verò fructu subgloboso, undique tuberculis scabro, cortice perforato cribriformi, quinqueloculari.

Androlæmu (11. Perianthin perfiftentibus. CO.R., Petala qu dum motum fe IAM. Filamente bali coalita in IST. Germen diftantes, long ER. Caplula, In EM. plurima, Alcyrum T. J Hypericum 7 Androfæmum Spec : virgin. oper cheming

AS

cn Hu

CAL. Perianti

Mutifumic 1

erectis : one

COR. Petala.

riora minora

STAM. Filame

tuor partes.

PIST. Germen

PER. Capfula

ribus inclusa

SEM. numerofi

QBS. Tot attri

conjungi poffis

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Yatra Cin

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And the state

137.

160

II. ICOSANDRIA.

Resny Man 2735. CITRUS *. Auranthium, ORANGE. Tournef. 393. 394. Citreum, CITRON. Tournef. 395. 396. Limon, LIMON. Tournef. 397.

CAL. Perianthium monophyllum, quinquedentatum, basi plana, minimum, marcescens. poularon. COR. Pétala quinque, oblonga, plana, patentia. Auge cahin Sтам. Filamenta viginti sæpius, subulata, compressa, erecta, in orbem vel cylindrum posita, inter se sæpius in plura vel pauciora ading corpora communiter connata. Antheræ oblongæ. Rentiv. it. PIST. Germen subrotundum. Stylus cylindraceus, longitudine staminum. Stigma globofum, interne novemloculare. Sins / 100 minum PER. Bacca cortice carnoso, pulpa vesiculis constante, novemlocularis. 2 10 loud.

- Mal navegan hom : 4 2.12 5. Rava maran . Brachen Mani el Rana minta huy it Limas To Relyt Willse citescenen avb. 20 p. . for Zightin citie perdere obrefapore les mate. cat 1-ple 4 for per, can 4 pericad. Atam 25 cout 2adeph inegt inthe ager Aver 1. Who Ever style 2 Hog facantes Barra ovalis otice agent atraceful to citicled 1. be f. laur cinile wate froten forel citizy 2 bint - 11 pl