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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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COR. nulla. Quan mich. STAM. Filamenta tria, capillaria. Antheræ erectæ, oblongæ. PIST. Germen minimum, Stylus filiformis, longitudine squamæ calycis. Stigmata tria, stylo longiora, reflexa. PER. nullum.

SEM. triquetrum, acuminatum, villis spica longioribus instru-Etum. ville cire ovarieren non congrasentra premen mili per matinitation.

II. DIGYNIA.

56. CORNUCOPIÆ t. Cornucopioides Scheuch. 3.

CAL. Perianthium commune, monophyllum, infundibuliforme, "multiflem maximum : ore crenato, obtuso, patenti-erecto. Gluma uniflora, bivalvis: valvulis oblongis, obtuse acuminatis, COR. univalvis, figura, magnitudine & fitu valvulæ calycis fimil- Golla o. enne lima. STAM. Filamenta tria, capillaria. Atheræ oblongæntante PIST. Germen turbinatum. Styli duo, capillares. Stigmata cirrosa. PER. nullum. Corolla semen includens. SEM. unicum, turbinatum, hinc convexum, inde planum, 1006 Bolartia flo 2 flo 41. Right other hole 369. Sieping at multi wales valut entited Cale 1. flor timps and and the state with purchased in his at multi wales interes 2 for 2 for the singles interes 2 for 2 for the site of the site ovar 1º lub corolla. ? Ityte 2. Hty 2. pylina B 111 Fret. 0 · Culences times indus. terminat poris nun scuilite involuen 2 phylle.

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57. NARDUS *. vide Scheuch. 2: 10. Mont. 31.

CAL. nullus.

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COR. bivalvis, Valvula exterior lanceolato-linearis, longa, senfim in aristam definens, ventre amplectens minorem : V. minor interior, linearis, in aristam breviorem definens.

Sтлм. Filamenta tria, capillaria, corolla breviora. Antheræ ob-

PIST. Germen oblongum. Styli duo, capillares, reflexi, pubescentes. Stigmata simplicia.

PER. Corolla adnascitur semini, nec dehiscit.

- naria. aday. quan "miat lower schin." Conching him.

SEM. unicum, tectum, lineari-longum, utrinque acuminatum, superne angustius.

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Instance STAM. Filamenta tria, capillaria, longitudine corollæ. Antheræ oblongiusculæ.

PIST. Germen subulatum. Styli duo, cirrosi. Stigmata simplicia. PER. nullum. Corolla fovet semen.

SEM. unicum, oblongum, angustum, acuminatum.

parapis. Din 59. PHALARIS *. Phalaroidea Scheuch. 2 : 3. Mont. 44. anine melit. Con much magn. inter.

CAL. Gluma uniflora, bivalvis, maxima, compressa, obtusa: valvulis navicularibus, compressis, carinatis, superne obtusioribus, marginibus rectis, parallele conniventibus.

COR. bivalvis, calyce minor : Valvula exteriore oblonga, acuminata, convoluta; interiore minore.

h. ALOPECURUS . Come march been CAL. Gluma uniflora, bir cavis, compreffis, zqua COR. Univalvis : Valval. longa, dorfo valvulz pro STAM. Filamenta tria, ca PIST. Germen subrotum longiores. Stigmata fim PER. Corolla includit fen SEM. unicum, fubrotune

TRIAND

STIN. Filamenta tria, cap

Per. Germen fubrotunden

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mata plumota.

62, PANICUM*. Enupers, puplives. Champher

GAL. Involucrum unino inæqualis infertionis. Gluma unifiora, trival nima à tergo alterius p COR. bivalvis: Valvala STAM. Filamenta tria, C Pist. Germen subrotune plumofa. PER. Corolla adnascitur

Se м. unicum, tectum, OBS. Ariftæ terminant i

63. MILIUM

CAL. Gluma uniflora,

Cor. bivalvis, calyce n

STAM. Filamenta tria,

Pist. Germen fubrotune

PER. Corolla adnascitur

SEM. unicum, tectum,

OBS. Milium calyce bival

milium suly malle.

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Species datur im

STAM. Filamenta tria, capillaria, calyce breviora. Antheræ oblongæ,

PIST. Germen subrotundum. Styli duo, capillares. Stigmata villofa.

PER. Corolla circumnascitur semini crusta instar, nec dehiscit. SEM. unicum, tectum, glabrum, è rotundo utrinque acuminatum. OBS. in quibusdam speciebus, Gluma calycina minor, intra calycem descriptum, bivalvis, acuminata, minima, adest.

PLHEUM * Tiphoidea Scheuch. 2: 5. Stalephum. con. mark · mangen · integ. CAL. Gluma uniflora, bivalvis, oblonga, linearis, compressa, apice bicuspide dehiscens : valvulis rectis, concavis, compressis, amplexantibus, æqualibus, aristatis.

COR. bivalvis, calyce brevior : Valvula exteriore amplexante integiven minorem. Minice more furture Plin. For 66 rap Tor. They have a commenter of the tor they have a commenter buy he integ , Ling pature -Spatha 1. phyle ou flines ultimus for petan 1 phyle high tatta scillance in que come na. calor 1 thylly ind 2. Say rales quily . ling 1 alex 2 gland, entry when my ert 3 - Ting flor put opands. bali inter & loudants est - Wagel bruils 1 overing later Condia - 0: oran ?. ling loude . thy l. 1. 16g- 1. cyle D Emby lery Entration 1. tyling 1. caple A

TRIANDRIA DIGYNIA

STAM. Filamenta tria, capillaria, calyce longiora. Antheræ oblongæ, bifurcatæ.

Jelle a dauf . gegrath. 10 hin gramen Man 1. 8. R. 2. f. 10.

PIET. Germen subrotundum. Styli duo, capillares, reflexi. Stigmata plumola.

PER. nullum. Caly 3 & corolla includentia semen.

SEM. unicum, subrotundum.

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(N) *

61. ALOPECURUS *. Myosuroidea Scheuch. 2: 5.6.

CAL. Gluma uniflora, bivalvis: Valvulis ovato-lanceolatis, concavis, compressis, æqualibus.

COR. univalvis : Valvula concava, longitudine calycis. Arista longa, dorso valvulæ propè basin inserta.

STAM. Filamenta tria, capillaria. Antheræ utrinque bifurcæ.

Pist. Germen subrotundum. Styli duo, cirrosi, reflexi, calyce longiores. Stigmata simplicia.

PER. Corolla includit semen.

SЕм. unicum, subrotundum, tectum.

62, PANICUM *. PANIS. Panicea Schench. 2: 2. La dactylen Com

CAL. Involucrum uniflorum, poliphyllum: foliolis capillaribus, inæqualis infertionis.

Gluma uniflora, trivalvis: Valvulis ovato-acuminatis: tertia minima à tergo alterius posita.

COR. bivalvis: Valvulæ ovato-acuminatæ, altera minor planior. STAM. Filamenta tria, capillaria, brevia. Antheræ oblongæ. P1ST. Germen subrotundum. Styli duo, capillares. Stigmata.

plumofa. PER. Corolla adnascitur semini, nec dehiscit.

SEM. unicum, tectum, subrotundum, inde planiusculum.

OBS. Aristæ terminant in quibusdam corollæ valvulam planiorem. Species datur involucro destituta.

63. MILIUM *. MILLET. Tournef. 298. Key Xper 2 The Grades. hipp. milium partum l'florum cabre 20 ale. coma file menhance mayne manta

CAL. Gluma uniflora, bivalvis: Valvulis ovatis, acuminatis. COR. bivalvis, calyce minor: Valvulæ ovatæ, altera earum minor. STAM. Filamenta tria, capillaria, breviffima. Antheræ oblongæ. PIST. Germen fubrotundum. Styli duo, capillares. Stigmata penicilliformia.

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PER. Corolla adnascitur semini, nec dehiscit. SEM. unicum, tectum, subrotundum. OBS. Milium calyce bivalvi à Panico calyce trivalvi differt.

STAN. Filamenta Tras C melica untany. Unhow physicard arten on wir gramine "go. Day ar folin maylighte est a down muchan had anete, clautice whit argin frist debang come meinhen triang erecte taut comine 2 for thildre by 1. 45 TRIANDRIA DIGYNIA Pwr. Germen turbinatum. 60 Ded. K. D. 26. MELICA *. Fl. Lapp §. 36. Pik, nullum. Calya Corel malica Ral 64. Come mentor borga 2 forta im. folitarium, fubrotum lorghe. CAL. Gluma uniflora, bivalvis: Valvulis ovatis, oncavis, fere æqualibus. OBS. Species alias calyce and C o R. bivalvis : Valvulæ ovatæ, muticæ : altera concava : altera vero plana. Equilater inter flowby 18. april adamy. AIRA STAM. Filamenta tria, capillaria, longitudine floris. Antheræ oblongæ, utrinque bifurcatæ. PIST. Germen ovato-turbinatum. Styli duo, setacei, patentes. CAL. Gluma biflora, biv Stigmata oblonga villofa. PER nullum. Corolla includit semen, demittit. zqualibus. Cor. bivalvis : Valvula SEM. unicum, ovatum. ariftam flore vix duplo OBS. Corpusculum pedunculatum intra calycem, juxta corollam STAM. Filamenta tria. (an floris rudimentum) characterem essentialem præbet : hoc constat duobus flosculis truncatis, alternis : glumis convolutis, pelluoblongæ, utrinque fur cidis. PIST. Germen ovatum. bescentia. aypostis. du Do Gall, AGROSTIS. vide Scheuch. 3: 11. 9. PER. nullum. Corolla inc ingenerante Troa SEM. fuboyatum, tectum CAL. Gluma uniflora, bivalvis, acuminata. OBS, Datur Species, in a COR. bivalvis, acuminata, vix longitudine calycis, altera major fub eodem calyce commu Sente aritheta ariitata. STAM. Filamenta tria, capillaria, corollà longiora. Antheræ fur-69. hube 1 gran POA catæ. C. Com. month. hus inty Pist. Germen subrotundum. Styli duo, reflexi, villosi. Stigmata confimilia. CAL, Gluma multiflora PER. Corolla adnascitur semini, nec dehiscit. cham ovato-oblongam SEM. unicum, subrotundum, utrinque acuminatum. Cor. bivalvis: Vaboula calyce paulo longiore 66. LAGURUS †. Alopecuroidea Scheuch. 2: 4. STAM. Filamenta tria, Hepricate. Con much magne integ. PIST. Germen subrotur confimilia.

CAL. Gluma uniflora, bivalvis : Valvulis oblongis, linearibus patulis, tenuissimis, definentibus singulis in setam villis pennatam. COR. Gluma bivalvis, calyce craffior : Valvula exteriore longiore, terminata Aristis duabus, parvis, rectis; Aristà tertià è medio. dorso valvulæ ejusdem reflexo-torta. Valvula interiore parva, acuminata. Sтам. Fitamenta tria, capillaria. Antheræ oblongæ. PIST. Germen turbinatum. Styli duo, setacei. Stigmata villosa. PER. nullum. Corolla semini adnascitur. SEM. solitarium, oblongum, tectum, aristatum.

PER. Corolla adnascitus

SEM. unicum, oblongur

70. BRIZA *. Tremu

CAL. Gluma multiflora,

tam difficham colligens

perior minima, plana,

STAM, Filamenta tria, C

PIST. Garmen subrotund

PER. Corolla immutata

SEM. unicum, subrotund

mata plumofa.

Cor, bivalvis : Valoula

Converte twinty.

tectum.

Herefu allanity adams DACTYLIS *. Roy. Lugdb. 56. Hommid. a San Turkey CAL. Gluma uniflora aut biflora subrotunda, obtusa, bivalvis, flosculis major : valvulis æqualibus, exteriore ventricosiore. COR. Gluma obtusa, æqualis, bivalvis, calyce tecta. Valvula exteriore latiore ventricosiore; interiore planiore.

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- Sellena: Scopchi Radia person fibr Plante Cupitra / ppid. In Spithaunally culmi plur. / inplored new rainori ander, campuni 2 ad 3 fol hast vertet i pila brendet Spice parsa tentine, oules / cuilis, 1 the vario lecenshimer. talia 2 flem. 2 vale. singuls on ch. 2 vale. vale: enter la mager 2 anited ence while and the 2 flem. 2 vale. singuls on ch. 2 vale. vale: enter la mager 2 anited ence while and the 2 flem. 2 vale. singuls on ch. 2 vale. vale. enter la mager 2 anited ence while and the 2 sole singuls. on STAM. Filamenta tria, capillaria, longitudine corolle. Anther & acus. and inapited
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STAM. Filamenta tria, capillaria, longitudine corolla. Anthera aud. and
biflill
P 16 T. Germen turbinatum. Styli duo, capillares, patentes. Stigma-
ta plumosa. PER, nullum. Calyx Corollaque semen includentes, dimittentes. SEM. solitarium, subrotundum, hinc depressum, inde convexum,
SEM. solitarium, subrotundum, hinc depressum, inde convexum,
nilouuu.
OBS. Species aliæ calyce unifloro, aliæ bifloro sunt.
ALL'S ATTAX TI THE E IT MIN ADDIVID
68. Of my adamy, AIRA *. Fl. Lapp. S. 47. and Som v. Lolium.
GAL. Gluma biflora, bivalvis! Valvulis ovato-lanceolatis, acutis,
antipita
COR. bivalvis : Valoulæ calyci imillimæ : altera iæpe exiciente
A A A A A A A A A A A A A A A A A A A
STAM. Filamenta tria, capillaria, longitudine floris. Antheræ
oblongæ, utrinque furcatæ. PIST. Germen ovatum. Styli duo, setacei, patentes. Stigmata pu-
helcentia
PER. nullum. Corolla includens semen adnaicitur.
c cl the total
OBS. Datur species, in qua etiam mares miscentur hermaphroditis OBS. Datur species, in qua etiam mares miscentur hermaphroditis
OBS, Datur specces, in qua ottain mas est aristatus, femina mutica. Sub eodem calyce communi; tum mas est aristatus, femina mutica.
Sub eodem calyce communi; tum mas est aristatus, femina mutica. 69. huber gran POA *. vide Scheuch. 4: 17. Panicularia huit.
1 cm. mark hus iney for Dation and in Error diffine
UCAL Gluma multiflora, bivalvis, mutica, flores in spicam distincen cham ovato-oblongam colligens: Valvulis ovato-acuminatis.
cham ovato-oblongam colligens : Valouis ovato-acuminate, concavæ, compresse, Cor. bivalvis : Valoulæ ovato-acuminatæ, concavæ, compressæ,
T'I AND CODILISTIC ANTINEVE DITUICALOO
STAM. Filamenta tria, Capinaria. Interes a effexi, villosi. Stigmata PIST. Germen subrotundum. Styli duo, reflexi, villosi. Stigmata
confimilia.

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Stigmata

PER. Corolla adnascitur semini, nec dehiscit. SEM. unicum, oblongum, acuminatum utrinque, compressum, tectum.

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70. BRIZA *. Tremula Scheuch. 4. 7. 8. 9. 10. Phalaroidis in gym Sp. Mont. 34. 39. Torendoire him, al fras Con in the burinty.

CAL. Gluma multiflora, bivalvis, patens, flores in spicam cordatam disticham colligens: valvulis cordatis, concavis, æqualibus. COR. bivalvis: Valvula inferior magnitudine & figura calycis; superior minima, plana, subrotunda, ventrem alterius claudens. STAM. Filamenta tria, capillaria. Antheræ oblongæ. PIST. Germen subrotundum. Styli duo, capillares, recurvi. Stigmata plumofa.

PER. Corolla immutata continet semen, dehiscit, demittit. SEM. unicum, subrotundum, compressum, minimum.

TRIANDRIA DIGYNIA.

UNIOLA T. vide Pluk. 32. f. 6. con mentor med.

CAL. Gluma multiflora, sexvalvis : Valvulis distiche imbricatis, fere subulatis, compressis, navicularibus, carinulatis, altera alteram claudente : ultimo pari multifloro : continente spicam ovatam, compresso-planam, margine acutam.

COR. Gluma bivalvis : Valvulæ lanceo lato-compressa, calycinis similes : interiore valvula parum supereminente.

STAM. Filamenta tria, capillaria. Antheræ oblongæ, lineares.

PIST. Germen conicum. Styli duo, erecti, simplices. Stigmata pubescentia.

PER. nullum. Corolla includit semen.

SEM. unicum, ovato-oblongum.

26

71.

enny

72. CYNOSURUS *. Cristata. Scheuch. 2. 1. vid. Con menter med. Mont. 23.

unighgeten florenday time ca obvalay, CAL. Involucrum partiale, laterale, triphyllum, magnum : foliolo pennato, perfistente.

Gluma multiflora, bivalvis : valvulis linearibus, acuminatis, æqualibus.

Cor, bivalvis: exterior concava, longior, aristata; interior plana, mutica.

STAM. Filamenta tria, capillaria. Antheræ oblongæ.

PIST. Germen turbinatum. Styli duo, villosi, reflexi. Stigmata fimplicia.

PER. nullum. Corolla arcte obvolvens semen, nec dehiscens. SEM. unicum, oblongum, utrinque acuminatum.

W genny 73. BROMUS * Mont. 32. Festuca Scheuch. 5: 2. 10. 11. July.

continens : valvulis line tiore minore. Cog. bivalvis : Valvula i ne calycem superans, te STAM. Filamenta tria, cap definens. PIST. Germen turbinatu fimplicia. PER. Corolla arctiffime c SEM. unicum, tenui-oble naliter sulca notatum. OBS. antecedenti valde a

TRIANI

74 FESTUCA *. Dill.

CAL. Gluma multiflora,

t. m.

75 AVENA *. AT Avenacea Scheme conductory carm flow

CAL. Gluma multiflora, lanceolatis, acutis, ven Cor. bivalvis: Valvula ne, teretiuscula, ventr stam spiraliter intortam Nectaria duo, ovatodentia.

STAM. Filamenta tria, Pist. Germen obtusum. PER. Corolla arctifinne SEM. unicum, tenui-ob longitudinali notatum OBS. Flores intra comm plures. Arista è dorso

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76. ARUNDO *. C

CAL Gluma uni-vel mu

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STAM, Filamenta tria, Ci

Pist. Germen oblongun

PER. Corolla adnascitur

SEM. unicum, oblongum

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Stigmata fimplicia.

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> CAL. Gluma mutiflora, bivalvis, patens, flores in spicam ovatooblongam colligens; valvulis ovato-oblongis, acuminatis, muticis, inferiore minore.

Cor. bivalvis : Valvula inferior major, magnitudine & figura calycis, concava, obtusa, aristam infra apicem rectam emittens, supra aristam bisida V. superior lanceolata, parva, mutica. STAM. Filamenta tria, capillaria, corollà breviora. Antheræ oblongæ. PIST. Germen turbinatum. Styli duo, breves, reflexi, villosi. Stigmata fimplicia.

PER. Corolla arctissime clausa, adnascitur, nec dehiscit. SEM. unicum, oblongum, tectum, hinc convexum, inde sulca-

He pitate in menter mil. on 2 anhald laborer) 91. Uy may. in cal invlace 2 phyle pirulis gening. Cal. pp D. Jamices. mili atto viterpolor 6000 menos. Ritici 1. (make viteren. Thanker.)

TRIANDRIA DIGYNIA. Lat. Mor. J. S. 2.7. f. 11. 16.

27

74. FESTUCA*. Dill. gen. 5. Bromoides Scheuch. 5: 13-18.

- CAL. Gluma multiflora, bivalvis, erecta, flores in spicam tenuem continens : valvulis lineari-oblongis, acuminatis, muticis, inferiore minore.
- Cor. bivalvis : Valvula inferior major, figura calycis, magnitudine calycem superans, teretiuscula, acuminata, in Aristam rectam definens.
- STAM. Filamenta tria, capillaria, corollà breviore. Antheræ oblongæ. PIST. Germen turbinatum. Styli duo, breves, reflexi. Stigmata fimplicia.
- PER. Corolla arctissime clausa adnascitur, nec dehiscit.
- SEM. unicum, tenui-oblongum, utrinque acutissimum, longitudinaliter sulca notatum.

O BS. antecedenti valde affinis est; aristà terminatrice distincta.

75. AVENA *. AVOINE. Tournef. 267. Malp. 138. aigunety. Thin Oper pes - Dist ?! Avenacea Scheuch. 4: 15-22. 5: 1. Dill. gen. 2.

CAL. Gluma multiflora, bivalvis, flores laxos colligens: valvulis lanceolatis, acutis, ventricosis, laxis, magnis, muticis.

COR. bivalvis: Valvula inferior calyce durior, calycis magnitudine, teretiuscula, ventricosa, utrinque acuminata, è dorso Aristam spiraliter intortam, geniculo veluti reflexam emittens. Nectaria duo, ovato-lanceolata, à latere superiore germini insidentia.

Sтам. Filamenta tria, capillaria. Antheræ oblongæ, bifurcatæ. PIST. Germen obtusum. Styli duo, reflexi, pilosi. Stigmata simplicia. PER. Corolla arctissime clausa adnascitur, nec dehiscit. SEM. unicum, tenui-oblongum, utrinque acuminatissimum, sulco longitudinali notatum.

OBS. Flores intra communem calycem in quibusdam duo, in aliis plures. Arista è dorso corollæ articulata, intorta, constituit, essentialem characterem. Datur species calyce uniglumi, arista terminatrice.

I. vid.

pricatis,

ltera al-

cam ova-

calycinis

Stigmata

tres.

a obvelar n : foliolo minatis,

or plana,

Sugmata

i reiling all a

10. II.

ovato-

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ira ca-

ttens,

longa.

. Stig-

fulca-

IS.

76. ARUNDO *. CANNE OU ROSEAU. Scheuch. 3: 14. 3.

CAL. Gluma uni-vel multi-flora, bivalvis, erecta: Valvulis oblongis, acuminatis, muticis; alterâ breviore. COR. bivalvis : Valvulæ longitudine calycis, oblongæ, acumina-

tæ, è quarum basi lanugo longitudine fere floris assurgit. STAM. Filamenta tria, capillaria. Antheræ utrinque bifurcatæ. PIST. Germen oblongum. Styli duo, capillares, reflexi, villosi.

Stigmata fimplicia.

PER. Corolla adnascitur semini, nec dehiscit. SEM. unicum, oblongum, utrinque acuminatum, basi pappo lon-Bauche, Mainte Hy. h. m. ando rownshine in alteritie Sond. Il gramina mysica apte. Horpandrul grants anadinis; can Botaning go instructa.

TRIANDRIA DIGYNIA: aspa. Theyer Con. memb. They inter

TRIANI

80. HORDEUM

CAL. Involucrum partia

ribus, acuminatis, ere

Cor. bivalvis : Valvala

minata, calyce longion

terior lanceolata, plan

STAM. Filamenta tria

PIST. Germen ovato-tu

PER. Corolla circumna

SEM. oblongum, ventr

inde fulca longitudin.

OES. In quibusdam an

phroditi sunt fertiles

medius autem folse for

Gramina bordeacea we

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hisaptut hearigh for

CAL. Perianthium con

fquamis lanceolatis z

Propria tripetala: Per attenuatis connatilque

STAM, Filamenta tria

oblongæ verfatiles.

PIST. Germen tenue in

pillares breves. Stige

PER. nullum. Caly x in

SEM. folitaria, corolla

REC. Paleæ magnitudir

89. apluda. Line alas

Gelo. Pola

for sensitive and allow

Panlich Marine ang star

COR. Universalis unit

Koncelin

ERIOC

oblongæ.

81.

mata fimilia.

LOLIUM*, Loliacea Scheuch. 1: 7. Mont. 18. 19. alpa. Dion 77. her & luen 1. Mythe multifle. acrusance 9

21

ariza.

case 1,

A. Telever vay Micyle ten - com

maule and old inters

CAL. Gluma multiflora, univalvis, oblonga, linearis, acuminata, rigidiuscula, flores distiche spicatos cauli apprimens.

COR. bivalvis : Valvula inferior angusto-lanceolata, convoluta, acuminata, longitudine calycis; V. Superior brevior, linearis, obtusior, sursum concava.

STAM. Filamenta tria, capillaria, corollà breviora. Antheræ oblongæ. PIST. Germen turbinatum. Styli duo, capillares, reflexi. Stigmata plumofa.

PER. nullum. Corolla fovet semen, dehiscit, demittit.

SEM. unicum, oblongum, hinc convexum, inde fulcato-planum, compressum.

OBS. Spicæ sessiles in eodem plano cum caule ponuntur, unde caulis vicem valvulæ alterius calycis (deficientis & oppositæ) gerit.

Mopos- Lyros. 78. TRITICUM *. FROMENT. Tournef. 292. 293. Triticea Scheuch. 1: 1. Malp. 203. Pont. 11: 18. Mont. 25. 26. Gitor. frementer Nou Spoj

CAL. Gluma bivalvis, sæpius triflora; valvulis ovatis, obtusis. COR. bivalvis, fere æqualis, magnitudine calycis: Valoula exterior ventricosa, obtusa, cum acumine : V. interior plana. Luga unter STAM. Filamenta tria, capillaria. Antheræ oblongæ, bifurcatæ. PIST. Germen turbinatum. Styli duo, capillares, reflexi. Stigmata plumofa. man upp

PER. nullum. Corolla fovet semen; dehiscit, demittit. SEM. unicum, ovato-oblongum, utrinque obtusum, hinc convexum, inde sulcatum.

OBS. Corollæ valvula exterior in aliis aristata, in aliis mutica.

Minnyo. 79. Stim SECALE *. SEIGLE. Secalina Scheuch. 1: 5. "Aupa. Briga Tabal CAL. Involucrum biflorum, diphyllum: foliolis oppositis, crectis, riligo, oruna 1

linearibus, acuminatis, corollà minoribus.

Cor. bivalvis : Valvula exterior rigidior, ventricosa, acuminata, compressa, margine inferiore ciliato, definens in Aristam longam : V. interior plana, lanceolata.

Nectaria duo, ovata, erecta.

Loslera.

A ran Tuelan

STAM. Filamenta tria, capillaria, extra florem pendula. Antheræ oblongæ, furcatæ.

PIST. Germen turbinatum. Styli duo, reflexi, villos. Stigma sim-

PER. nullum. Corolla fovet semen, dehiscit, demittit.

SEM. unicum, oblongum, fere cylindraceum, nudum, hinc acu-

OBS. Sexus in quibusdam speciebus hermaphroditus est, in aliis men D-estock Flos tertius pedunculatus sæpe inter duos, majores, sessiles. my ut Atipaties gran pitet mill rundig Enn arile da granen avenal: Man in agene

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cal. 1 flow 2 vale, glain towald

TRIANDRIA TRIGYNIA.

80. HORDEUM *. ORGE. Tournef. 295. Scheuch. i: 3. apily Chynh Dra

- CAL. Involucrum partiale, triflorum, hexaphyllon, foliolis linearibus, acuminatis, erectis, duobus fingulo flori subjectis. Gluma nulla.
- COR. bivalvis: Valvula inferior ventricosa, angulata, ovato-acuminata, calyce longior, definens in Aristam longissimam: V. interior lanceolata, plana, minor.
- STAM. Filamenta tria, capillaria, corollà breviora. Antheræ oblongæ.
- PIST. Germen ovato-turbinatum. Styli duo, villosi, reflexi. Stigmata similia.
- PER. Corolla circumnascitur semini, nec dehiscit.

19.

minata,

nvoluta,

linearis,

oblongæ.

Stigmata

-planum,

inde cau-

) gerit.

Triticea

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Stigmata

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5. 26.

- SEM. oblongum, ventricosum, angulatum, utrinque acuminatum, inde sulca longitudinali notatum.
- O E S. In quibus dam omnes tres flores, involucro contenti, hermaphroditi sunt fertiles; in aliis flores laterales mares, sunt intermedius autem solus fertilis hermaphroditus. Hinc H. distichon, & Gramina bordeacea veterum.

III. TRIGYNIA.

8. Insterio del gramini in 2 produty in una part pitio Romina Alter.

CAL. Perianthium commune, globoso-depressum, imbricatum squamis lanceolatis æqualibus persistentibus.

COR. Universalis uniformis convexa. enhin Overis ing des. Propria tripetala: Petalis lanceolatis, obtusis, apice, villosis, basi attenuatis connatisque in pedicellum styliforme pilosum. Sтам, Filamenta tria, capillaria, germini infistentia. Antheræ oblongæ versatiles. PIST. Germen tenue intra corollam, sub stamina. Styli tres capillares breves. Stigmata simplicia. PER. nullum. Calyx immutatus. SEM. solitaria, corollà volitantia. REC. Paleæ magnitudine & figura squamarum calycis, unifloræ, by 89. apluda tim about the show y senty p. 342. 2.473. for cal glinna 3 flore 2 valu pras morie flore 1. famin bilili el 2. male produce cominos con quiene 2 vale inag, and mutica . In Schungsbeis constate wan oral. Auf 1. puble tig I light mloop. Ith. Sent. aval lary. mater 2 ice cod. pedallo. · 2 vale inney mutita Id verying vay inen attemente in petiden santule serva angusta, lateraly.

for my liter. How cymon hastati - Queria. Ohip. malig. Alen a TETRANT minuntea. Ohyp. ngita lingt Cotra eti miduantia. capit cal. Sphiel. Con. c. 164. a Cat canto over 11. duti 3. population Costra eti miduartia. Capi 16.30 yuale. TRIANDRIA TRIGYNIA. Que 2ª canad 82. MONTIA *. Mich. 13. Cameraria Dill. gen. 6. R CAL. Perianthium diphyllum : foliolis ovatis, concavis, obtufis, fol opp. thip. 2. (payales flor lolat. MO 6apt mean inter crectis, persistentibus. cineg. COR. monopetala, quinquepartita: Laciniis tribus alternis mino-Lypanachty ribus, staministeris. ribus, staministeris. STAM. Filamenta tria, capillaria, longitudine corollæ, cui infer-ta. Antheræ parvæ. PIST. Germen turbinatum. Stylitres, villosi, patentes. Stigmata simplicia. Marga hart in an antimer, patentes. Stigmata -Sf. LEUCADENDR p. 183. 184. 185. 1 Hypophyllocarpend carpodendron Boeri reste mesio PER. Capsula turbinata, obtusa, tecta, unilocularis, trivalvis, Der non SEM. tria, subrotunda. Tutrenformy bais centro coplati insta non CAL. Perianthium com immino) Touler for OBS. Calyx sape variat foliolis ternis, tumque stamina 5. sape producit. perfistentibus; figura Cor. Universalis unifo. - 83. TILLÆA *. Mich. 20. Sedi Species Vaill. Parif. 183. Propria dipetala, oblo Petalum superius U CAL. Perianthium tripartitum, planum : Laciniæ ovatæ, magnæ. COR. Petala tria; dvata, acuta, plana, calyce fere minora. vifo inferne arcte Petal. inferius Ungu Sтам. Filamenta tria, simplicia, corollà breviora. Antheræ parvæ. PIST. Germina tria. Styli fimplices. Stigmata obtusa. PER. Capsulæ tres, oblongæ, acuminatæ, reflexæ, longitudine Limbo oblongo , STAM. Filamenta quatu floris, longitudinaliter sursum dehiscentes, a lat chtuin alin Aby corollæ intra fingulam SEM. bina, ovata. Jugula copula. Anthera crecta, tu Monthe St. MOLLUGO *. Alfines species H. L. B. 21. Marmalin Galliantin har aline prime galli fais afric lime 1. A. Di272 CAL. Perianthium pentaphyllum : foliolis oblongis, erecto-patulis, connatis conitans, PIST. Germen oblongiu giffimum. Stigma fimp PER: nullum. Calyx vir introrsum coloratis, persistentibus. SEM. solitaria, subrotum COR. nulla: nisi Calycem dicas. Rec. nudum vel villo Sтам. Filamenta tria, setacea, corolla breviora, pistillo approxi-OBS. datur species caly

mata. Antheræ fimplices. 86. PROTEAT.C PIST. Germen ovatum, trisulcatum. Styli tres, brevisimi. Stigmata obtula. alatinta ulla. PER. Capsula subovata, trilocularis, trivalvis. vale My segta und auto 197.198 SEM. numerosa, reniformia. mylent. CAL. Perianthium comm helotte um V. 301. Subovatis. Reputy.0. -1110. Joly appon. Looft. Arety Us marine descript. (B. milligo (2 4 shifter) hope Cor. Universalis unifor Et momen du-S. pet. emerging git puere. Ovan 1. Style 3. Mig. 3 obt. Kerawel - an Baleik Cal. 5 phyll. carie mucron. perf. Propria monopetala : 7 fido, glabro, patente, l At. 3. hus. STAM. Filamenta quatu Cyre ovat. 160 3 vale , parpar Sem. Sem. water. incumbentes. Pist. Germen subrotunds 1111. Criplans. Loefl. it. 256. at among ftaminum. Stigma obtui Cal. 1. phyll 3fid. ovat muntor briguiper. Con. o. er, nullum, Calyx imm At. 3. und. Ovan. 3gon style 3. 1tig. 3. ville R. folitaria, subrotund Jem. mudum oval. anex. Rec. conicum, paleis dis harba aquat palud Rad. rep. Caulog redalog teret. foli alt petiol Demute Il man vuly. To lygon Jupentres inty lanced, for anile/dits Lachea. Canad. Capracia gum cal 1. phyl. 3 fid wario ind. Abs pronted. Alla and Regi and the dor com to Gel 3 pla per Cars 3p Fridalt. internation Weit Agana Polyganis San 2 2 To Bo and interior interior

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I. MONOGYNIA. Lepotramy an S. Mut. -85. LEUCADENDRON *. Lepidocarpodendron Boerb. II. p. 183. 184. 185. 186. 187. 188. 189. 190. 191. 194. Hypophyllocarpendron Boerb. II. p. 205. 206. Cono-

carpodendron Boerb. II. p. 196. 199. Cinavide, Betiv. Geolymocyhales hum. persistentibus; figura & proportione variis. myning.o.

COR. Universalis uniformis convexa. Propria dipetala, oblonga, externe pubescens. Petalum superius Ungue longo lineari. Limbo lanceolato indiviso inferne arcte adnexo petalo inferiore.

Petal. inferius Ungue longo, lineari, triplo latiore. Limbo oblongo, semicylindraceo, trifido.

Sтам. Filamenta quatuor, subulata, brevissima, inserta limbo corollæ intra fingulam laciniam fingula.

Anthera erecta, tubulata, ex quatuor propriis in cylindrum PIST. Germen oblongiusculum desinens in Stylum subulatum lon-

gissimum. Stigma simplex.

PER: nullum. Calyx vix mutatus.

SEM. solitaria, subrotunda, coronata pilis.

REC. nudum vel villosum.

OBS. datur species calyce unifloro, non communi. fun latente estempinh a id a. fostion num hellebni nigri gravi, 86. PROTEA F. Conocarpodendron Boerb. II. p. 195.

197. 198. 200. 202. 203. 204. any wound of Comm

CAL. Perianthium commune, subrotundum, imbricatum : squamis Subovatis. Superly.0.

COR. Universalis uniformis, calyce paulo longior. Propria monopetala: Tubo longitudine calycis; Limbo quadrifido, glabro, patente, longitudine tubi, aquali.

- STAM. Filamenta quatuor, setacea, corolla longiora. Antheræ incumbentes.
- PIST. Germen subrotundum. Stylus setaceus, erectus, longitudine Itaminum. Stigma obtusum.

PER. nullum. Calyx immutatus. SEM. solitaria, subrotunda, nuda. REC. conicum, paleis distinctum. h halts attogen impor

un vertrilleget.

fol my plocate alter as ALTETRANI Valle here hun 7. 2.1%. chuite de lass hugh had beser Aches chuten e dul Ali o is barun inp varie ret att. logn integ courses web. fot gon-pibras ? Un carb inter Dieb barun ip Har course of main and or and in 1 ph 5 denice. Tiget but had 5 fd. States the Baring the 90. SCABIOSA *. S 1-9. frende Zaprifitit TETRANDRIA MONOGYNIA. al. G. 1722. Aftero. KKost. 87. CEPHALANTHUS †. Platanocephalus Vaill. A. G. DIABLE. Vaill. ibid. na Specier squeining Khatt Dirta at 22. vide HM. III: 33. Conafit opp. howen flow mile this Cal. Perianthium comm CAL. Perianthium commune Receptaculo communi flores plures in capitulum colligens. Nullun in Kors. immulles depute carline stignes. foliolis seriebus variis Capitulum colligens: "autoritation", erectum, persistens. Perianthium proprium, quadripartitum, erectum, persistens. Cor. Petalum unicum. Tubus angustus. Limbus quadripartitus, longitudine tubi, reflexus, acutus. bus, quorum interiora Perianthium propriumi STAM. Filamenta quatuor, corollæ inferta, limbo, breviora. An-theræ fimplices. wat apor indution abuerto. Pi exterius brevius, 1 PIST. Germen infra florem. Stylus fimplex. Stigma fimplex. To the P. interius quinquepar Sen 1. medur PER. Capfula oblanga, unilocularis. (plures finul constituunt interesting capitulion glabofun). anula unite in Ker 200 une ingul septembre on 8 Sen 2 pluring 185 EM-pluringa, oblanga. Recepter in Ker raker 3 unit apic lationary Co R. fingula monopeta ampliatum, semi-quin rioribus majoribus. OBS. unitas Jæpe additur partibus floris. 10 cine cine ling-overien. STAM. Filamenta qua flogmal 3na oblongæ, incumbenta 88. GLOBULARIA *. GLOBULAIRE. Tournef. 265: PIST. Germen infra rec Alypum Niff. A. G. 1712. t. 18. Dill. gen. Manfigine ing. attis grame 1. topati. involuero nullo ad quani atimpulia na involutum tanqua corollæ. Stigma obtu CAL. Perianthium commune imbricatum , longitudine flosculorum. PER. nullum. RECEPTA Perianth. proprium monophyllum, tubulatum, quinquedentatum. cinis corollas diftingu COR. universalis fere æqualis. min 6 militan Propria monopetala, basi tubulata, Limbo quadripartito : Laci-SEM. folitaria, ovato-o iles mia superiore minima reflexa, reliquis tribus inferioribus, majori-O BS. Figura in hocce gi + bus, æqualibus, labium inferius constituentibusat. STAM. Filamenta quatuor, fimplicia, longitudine corollulæ. Anriores Tape majores, a limentione there distincte. PIST. Germen ovatum. Stylus fimplex, longitudine staminum: Stigma obtusum. stringen 1 suburlest. 2 form. faciem ferunt. -9I. KNAUT PER. nullum. Calyx proprius connivens, includens semen. Recepmohencom taculum commune oblongum, paleis distinctum. CAL. Perianthinn com SEM. solitaria, ovata: continens, fimplex, (

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Sidered they 89. DIPSACUS *. CHARDON A FOULON. Tournef. 265: for opp. alia clabora plotata mostimmultum willing why the concernance

CAL. Perianthium commune, multiflorum, polyphyllum: foliolis tenuibus, flosculis longioribus, laxis, persistentibus.

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Perianth: proprium ?

Cor. universalis zqual

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PIST. Germen infra rec

PER, nullum, RECEPTA

SEM. folitaria, tetragoni

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STAM. Filamenta quat

- Cor. fingula monopetala. Petalum totum tubulatum, rectum : ore quadrifido, erecto: lacinia exteriori majori, acutiori.
- STAM. Filamenta quatuor, capillaria, corollà longiora. Anthera incumbentes.
- PIST. Germen infra receptaculum proprium flosculi. Stylus filiformis, longitudine corollæ. Stigma simplex. ght.
- PER. nullum. RECEPTACULUM commune conicum, paleis longioribus diftinctum

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SEM. solitaria, columnaria, calyculo marginaceo integro coronata: Superication or gential gential go: SOA-is genuere comment gential go: SOA-

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fol opp plocate alters attery later indudante ric () Redie quie annabel promiser MONOGYNIA: 33 90. SCABIOSA *. SCABIEUSE. Tournef. 263: 264: Vaill: AX, 8 1. 14 A. G. 1722. Afterocephalus Vaill. 1bid. Succifa. Mors DU DIABLE. Vaill. ibid. Prerocephalus Vaill. ibid. mochen florun nullun nici quama pitzing flore 1. quanum enterines involuinendo longory 1 ordinis. mochen protecco imples cine thirs no patiendoù cabri fiartes Iphyse angle linto menhanaes includred A CAL. Perianthium commune multiflorum patens, polyphyllum; foliolis seriebus variis receptaculum cingentibus eique insidentibus, quorum interiora gradatim minora. Perianthium proprium daplex, utrumque germini infidens, que rum P. exterius brevius, membranaceum, plicatum, persistens. P. externus orevius, memoranacturi, publicato-capillaceis. Cor. singula monopetala. Petalum erectum, tubulatum, sensimi ampliatum, semi-quinquesidum (quadrisidumve :) laciniis exterioribus majoribus. s там. Filamenta quatuor, subulato-capillaria, debilia. Antheron alt. enclosed oblongæ, incumbentes. PIST. Germen infra receptaculum proprium flosculi, propria vagina involutum tanquam calyculo. Stylus filiformis, longitudine corollæ. Stigma obtusum, oblique emarginatum. PER. nullum. RECEPTACULUM commune convexum, foliolis calycinis corollas distinguentibus. SEM. solitaria, ovato-oblonga, involuta, calycibus propriis coro-O B S. Figura in hocce genere maxime inconstans est. Corollulæ exter A riores (æpe majores, magis inæquales. Seminum coronæ variam faciem ferunt. KNAUTIA*. Lychni-Scabiofa. Boerh. Limnenium. Sigeb. -91. Wington Sal. 5. folard . Iordining.

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ĊAL. Perianthium commune flosculos in simplicem orbem digestos continens, simplex, cylindraceum, oblongum, erectum: laciniis subulatis, approximatis, numero flosculorum.

Perianth: proprium minimum, coronans germen. me inty hurr inter COR. universalis æqualis : propria monopetala, inæqualis, cujus petali Tubus longitudine calycis. Limbus inæqualis, quadrifidus; lacinia exteriore majore, ovata. Tube mubasin STAM. Filamenta quatuor, tubo corollæ longiora, receptaculo inserta. Antheræ oblongæ, incumbentes. PIST. Germen infra receptaculum proprium flosculi. Stylus filiformis, longitudine staminum. Stigma Crassiusculum, bifidum. msh. m PER. nullum. RECEPTACULUM commune vix notabile, planum, waterbelligna Aloka aph unie but inter line aunch and ut nudum. S E M. solitaria, tetragona, apice villoso, O в S. Calyce tubulato & simplici flosculorum orbita à Scabiosis distinguitur, quibus valde affinis. abis htimbre Thing distraces getterulig anter and could Cal. 4 phylli maig. over insid - g Antream ulan Aulnus, canlout Inaturi Thraia. H. Leyl. Willabali hermi Catonia. Burne. D. 148 Aleas un gen 11 my neres Alii my irun auguste / . . Com: Spitiup. 4 forde cog. cate 4. mide pauce corole Calie (grend. 4 Sent. Cor, a. ovan 1. Stan 4. husta fuits mid. glob . Jule. Muera ger niger thered berety and herba sugna trunen metiding articule flin quitate series Ven 2. Juniconte 3 this And anitaloching and flyer 2 view about locaymi

Portalety's hun & 2.57. Barrite. Boach. Hata Lupit. Want Had Dely. Enhin alcanne arhiteula rainie Aginie opp. gen duch fot opp: alcaune merudita ted pahallelo and He conjustemin aniz. cal ovar mind & form. On 1 pet tubul 4 for ot. 4. und.

34 vat long TETRANDRIA MONOGYNIA. 34 vat long TETRANDRIA MONOGYNIA. 1 Toul. polypp function. ? Itip caula desit langarace adin.

92. SHERARDIA *. Dill. gen. 3.

- CAL. Perianthium parvum, quadridentatum, germini insidens, perfistens.
- COR. Petalum unicum. Tubus cylindraceus, longus. Limbus quadripartitus, planus, acutus.
- STAM. Filamenta quatuor, ad apicem tubi posita. Antheræ simplices.
- PIST. Germen didymum, oblongum, infra receptaculum. Stylus filiformis, superne bisidus. Stigmata capitata.
- PER. nullum. Fructus oblongus, coronatus, longitudinaliter in duo semina separabilis.

SEM. bina, oblonga, apice tribus acuminibus notata, hinc convexa, inde plana.

·93 Jol 4 ad 8. Hor Gally termin fabrilite.

CAL. Perianthium parvum, quadridentatum, germini insidens.

COR. Petalum unicum. Tubus cylindraceus, longus. Limbus quadripartitus : laciniis oblongis, obtusis, reflexis.

STAM. Filamenta quatuor, ad apicem tubi posita. Antheræ simplices.

- Pist. Germen didymum, subrotundum, infra receptaculum. Stylus filiformis, superne bisidus. Stigmata capitata.
- PER. Baccæ ficcæ, duæ, globofæ, coalitæ.
- S Ем. folitaria, fubrotunda, magna.

-94 Aunter SPERMACOCE †. Dill. elth. 277.

CAL. Perianthium parvum, quadridentatum, germini insidens, persistens.

COR. Petalum unicum. Tubus cylindraceus, calyce longior. Limbus quadripartitus, patenti-reflexus, obtusus.

then 2 wett if at 2 storth In what lasing ate CAL. Perianthium mi Atens. infra floren a Con. Petalum unicun longus. Limbus quad STAM. Filamenta qu fimplices. PIST. Germen subrot nibus brevior. Stign PER. Capfula subrotur diffepimento oppoliti SEM. Solitaria.

11. 11. 1 voter private any

97. GALIUM *. CAL. Perianthium m Con. Petalum unicur nullo. STAM. Filamenta qui fimplices. PIST. Germen didyn

femi-bifidus, longie

PER. Bacca ficca, du

SEM. folitaria, renifor

CAL Perianthium mit

Cor, Petalum unicum

STAM. Filamenta quat

Pist, Germen didymu

PER. Bacce ficce, duz

SEM. folitaria, subrotu

Mpale Shine

dis adhærentes.

semi-bilidus, longitud

APARIN

98.

- STAM. Filamenta quatuor, subulata, corolla breviora. Anthera fimplices.
- PIST. Germen subrotundum, compressum, infra receptaculum. Stylus simplex, superne bisidus. Stigmata obtusa.
- PER. Capsulæ duæ, connatæ, oblongæ, hinc gibbæ, inde planæ, obtusæ, fingula bicornis.

SEM. solitaria, subrotunda.

fol opp time. ? they caul un volavit Proven.

CRUCIANELLA *. Rubeola Tournef. 50. 95.

Koga me CAL. Perianthium triphyllum : foliolis lanceolatis, carinulatis, acuminatis, rigidis, conniventi-compress. COR. Petalum unicum. Tubus cylindraceus, filiformis, calyce longior. Limbus quadrifidus, parvus. STAM. Filamenta quatuor, in ore tubi posita. Antheræ simplices. Cares ciptilien Brown p. 142 2 54.2, - Realiour Brown p. 144. in his of see gentis capilli Utin.1 Cal uperer. I phe to for langer aminia at in Creatiplite led atoris lein. thing Carling Con I put rest that als 4 fis. Bruna and ov. 1. that 1. May 2. torgacyle gering bynentry. Pour and a litter 1: My 2. Congacyli gering rouch in fig Baua glob. inflate 2 lor. polyp Streney al Dempt: vern num para ortriale Dillepichents afor

Taidaved ham 9.2.76. 2 1 milling caulting callent frage film 2 and alte hyper fil mathematical for the first and the first frage of the second of t

SEM. solitaria, oblonga.

-96. HOUSTONIA 7. Paronychiæ affinis Morif. III. I. 15. 1. 4. f. 1. auctore Clariff. D. Gronovio. Home Line Chariff. D. Gronovio. Home Line Chariff. D. Gronovio.

- CAL. Perianthium minimum, quadridentatum, erectum, persistens. infu floum Tubo bridre
- COR. Petalum unicum, infundibuliforme. Tubus cylindraceus, ... longus. Limbus quadripartitus, patens, laciniis subrotundis.
- Sтам. Filamenta quatuor, in collo corollæ, minima. Antheræ fimplices.
- PIST. Germen subrotundum, compressum. Stylus simplex, staminibus brevior. Stigma bisidum, acutum.
- PER. Capsula subrotunda, didyma, bilocularis, bivalvis, valvulis disseptimento oppositis. 21

SEM. solitaria.

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97. GALIUM *. CAILLELAIT. Gallium. Tournef. 39.

- CAL. Perianthium minimum, quadridentatum, germini insidens. COR. Petalum unicum, quadripartitum, planum, acutum, tubo nullo.
- STAM. Filamenta quatuor, subulata, corollà breviora. Anthera simplices.
- PIST. Germen didymum, infra receptaculum. Stylus filiformis, semi-bifidus, longitudine staminum. Stigmata globosa.

NAMES.

Lynn

PER. Baccæ siccæ, duz, globosæ, coalitæ, non adhærentes.

SEM. solitaria, reniformia, magna.

-98: APARINE *. GRATTERON. Tournef. 39.

- CAL Perianthium minimum, quadridentatum, germini insidens. COR. Petalum unicum, quadripartitum, planum, acutum, tubo nullo.
 - STAM. Filamenta quatuor, subulata, corollà breviora. Antheræ simplices.
 - Pist. Germen didymum, infra receptaculum. Stylus filiformis, semi-bifidus, longitudine staminum. Stigmata capitata.
 - PER. Bacca ficca, duz, globosa, coalita, villis uncinatis, rigidis adharentes.

SEM. solitaria, subrotunda, umbilicata, magna, ad monindam aucht. f. anta Brown p. 142. 2. 6. p 1. Eite 126. Mitchelle him 24 Augurs My and abril Ingripited Mapil 22. Cal + pho Supery. 1 phyll. Unbon fore integ by dert How Such of - 4: applice in all toto lacin all Tran 2 - Lin Cal uph 4 2 and mon en ale 2. eid. over ou i'an dion HINR Huan find bali contita ding. Which A 4. carlint Baca igngular ovan Eufleren Negl. 1. Hoy. 2, Eng. conud approvale Scoul. 210. the un Bacen yeb. 1. low 1/p piovan Stopp. cofece. Hipula latara petiolis interstate month for in untill. vidit

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> t. Paronychiæ affinis Morif. III. f. 1 5. auctore Clariff. D. Gronovio. Enhier peries commotora calice supero. El altar nin genteril.

> > 14155

Lynn

- CAL. Perianthium minimum, quadridentatum, erectum, persi-Rens. infra floren Tubo pridrie
- COR. Petalum unicum, infundibuliforme. Tubus cylindraceus, longus. Limbus quadripartitus, patens, laciniis subrotundis.
- STAM. Filamenta quatuor, in collo corollæ, minima. Antheræ fimplices.
- PIST. Germen subrotundum, compressum. Stylus simplex, staminibus brevior. Stigma bifidum, acutum.
- PER. Capsula subrotunda, didyma, bilocularis, bivalvis, valvulis disseptimento oppositis. 21p-
- SEM. solitaria.

GALIUM *. CAILLELAIT. Gallium. Tournef. 39. fr. 4 ad 10. fl. com

- CAL. Perianthium minimum, quadridentatum, germini infidens. COR. Petalum unicum, quadripartitum, planum, acutum, tubo nullo.
- STAM. Filamenta quatuor, subulata, corollà breviora. Anthera fimplices.
- PIST. Germen didymum, infra receptaculum. Stylus filiformis, semi-bifidus, longitudine staminum. Stigmata globosa.
- PER. Baccæ siccæ, duz, globosæ, coalitæ, non adhærentes.

SEM. solitaria, reniformia, magna.

APARINE *. GRATTERON. Tournef. 39. -98.

CAL. Perianthium minimum, quadridentatum, germini insidens. COR. Petalum unicum, quadripartitum, planum, acutum, tubo -nullo.

STAM. Filamenta quatuor, subulata, corollà breviora. Antheræ fimplices.

PIST. Germen didymum, infra receptaculum. Stylus filiformis, semi-bifidus, longitudine staminum. Stigmata capitata.

PER. Bacca ficca, duz, globosa, coalita, villis uncinatis, rigidis adhærentes.

SEM. solitaria, subrotunda, umbilicata, magna ad monintam a custo frig fol opp - pava bit abril fryapition this it caylin anta Brown p. 142. 2. 6. 1 1. leite 126. Mitchelle in Cal- iph. 4 Dane pyr and inh wither home al top Cyreny. 1 phyll. Unborn fore civiting by dent \$2.10 new South ort- 4: allilie ine allo tobe lacin all Tran 2ª han firmed bali condita. Ling. ? hul of 4. carlfor ovan lufteren Agt 1. they . 2, long . consid approache Elvel. 210. Sum Balla yeb. 2. low 1/p. Breca Igrquelas redet Sour 1. gld four 4 lotur, Al opp cofece. Hipulse atare petiolis interparte Brown for sandle hovan

Enacuer h. Cali, 4 gon dicheter & pro 3 and Soly menung h. Lini fol. Carolin. O Linne of fol oppolail. Her plit in dich to cauly and the fait and Can I per 4 bod tato buy rotat cal. hphyse per, con 1- pet toto her 4/2 and the con in over 1. 12 4 bo toto buy ret PER cotiacoum Capy over 262 bud TETRANDRIA MONQGYNIA . num Recept centrali mictinum @ Jolyminan althann abriages chen Cappela Salalelle House RUBIA *. GARANCE. Tournef. 38. Epzole Sator. 2009 Theoph granza hilp madden augt. Save and a clargivam. TEUTPIOU. Dite Eputpo Sover 24 CAL. Perianthium minimum, quadridentatum, germini insidens. COR. Petalum unicum, quadripartitum, planum, acutum, basi CAL. Perianteium dipi Spanavor cavis, æqualibus, co. rivvalapy, ali! concava, tubo nullo. STAM. Filamenta quatuor, subulata, corolla breviora. Antheræ Wggung an deciduis. fimplices. Cor. monopetala, ca Taller PIST. Germen didymum, infra receptaculum. Stylus filiformis, tubo longe brevior : L etapanne superne bisidus. Stigmata capitata. STAM. Filamenta qua PER. Baccæ duæ, coalitæ, glabræ. corollæ inter divifur SEM. solitaria, subrotunda, umbilicata. planiusculæ, utringu CATESBÆA †. Lycium Catesb. Authore PIST. Germen ovatur 100. for the and when D. Gronovio. faired pine handie branaceis, longitudin Samola for Dolit. tusum, persistens. Reban minner CAL. Perianthium quadridentatum, minimum, acutum, persistens. PER. Capfula quadra COR. monopetala, infundibuliformis. Tubus omnium longissimus, drivalvis. 800 rectus, superne sensim crassior. Limbus semiquadrisidus, latus, SEM. bina, oblongu erecto-planus. STAM. Filamenta quatuor, intra collum tubi enata. Antheræ oblongæ, erectæ, corolla fere longiores. -104. Kolsia a PIST. Germen subrotundum; infra receptaculum floris. Stylus filiformis, longitudine corollæ. Stigma fimplex. CAL. Perianthum qu PER. Bacca ovalis, coronata, unilocularis. rolla paulo brevior SEM. plura, angulata. Cor. monopetaka. Tr vius. Limbus parvus Dae from Shim Itip nulle fauther han in the ware inside HM. II: 13-14. 7.2. 13 el 24 STAM. Filamenta qua inferta. Anthere ob hunde de AL. Perianthium quadripartitum, minimum, erectum, persinatæ. PIST. Germen quadra COR. Petalum unicum. Tubus cylindraceus, longissimus, tenuis. to longtor. Stigma Limbus quadripartitus, planus : laciniis ovatis. PER. Capsula obtuis Runche 246 STAM. Filamenta quatuor, in divisuris corollæ, brevissima, indehiscens. alky placen 1 ad curva. Antheræ oblongæ. inforum. SEM. nonnulla, subros 2. ourula fed only) endint ? gie PIST. Germen subrotundum. Stylus filiformis, longitudine tubi. OBS. Antheræ quidem guni. Djamig Dan Stigma bifidum. PER. Bacca subrotunda, unlocularis. ourula -105. H. on yerbya SEM. quatuor, hinc convexa, inde angulata. 2/in tor 1. anille folom. A Sma for him angular of for friender punded limbell. Con the Com ratin. Car. Perianthium mi AVICENNIA. vide HM. IV: 45. aust ad \$102. perfiftens. Oepata hom 1. upata. Kandolu Mepoli Broch. Salg michnight. Rost boomberly Vanan Sal fuiter . Cor. Petalum unicu CAL Perianthium quinquesidum, acuminatum, erectum, persi-10 can ent majus: laciniis ovatis a for opp. to ineg. Intelate STAM. Filamenta quat Bur Inhyll walnt ejus /pocial COR. Petalum planum, quadrifidum; laciniis ovato-acuminatis. Anthere breviffimz, contlos pati STAM. Filamenta quatuor'; subulata, corolla breviora. Antheræ monium PIST. Germen ovatum bifidæ. unin alt. PIST, Germen ovatum. Stylus subulatus, brevis, persistens. Stigmat mangumalber Stigma obtufum. 46-Ruph. 32.76. PER. Capfula ovata, o acutum, ese clanan Sol 2. Charge lan = 1113. Peteria. Brown. Ellota Sgb 233 ng. Sam numerola, minut Cal. Supercy 1 phyll & Dantat. Campanif. Cov P. pet. tab. long. 20 for. · Lygitum. Bronk. L. At. 4. bagit typi baci taking, Ovar 1. inforum Styl. 1. tig I acut. Cal. hypray 1 phone and a second seco Balin 2 lor. mapp. Sem. togeter. 2. 20t. Dut 100mg loc. fol opp. ain large netiol. st. H. longe and lake adm stip. 1. attend cautina copia Ligidas Balla A ball A Ball A Ball - avak hippi auto 15 per have one consist had begoni flight & may flore and and altered. the here which inead a diversite pain Cal I phylichart Spot pater Cor petrot Spot At Simedicon. the here will although incar or the 1. Turing conclument what if i rainis in curedust burnt purges Ing Maraval France A hor a gloring and and in the purges TETRANDRIA MONOGYNIA. 2011 3

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PER. coriaceum, ovatum, cum acumine, uniloculare, non de-hiscens. mertet for the 2. angelie uniplication. SEM. Unicum, compression, ellipticum, germinans intra pericarpium. france autogo por spectrum by allo fologo manomiata a parelles wine, du causer. Historium and enjui

- 103. PENÆA †. Sarcocolla Syst. nat. edit. I. CAL. Perianthium diphyllum : foliolis oppositis, lanceolatis, con-- 103.
 - cavis, æqualibus, coloratis, corollà dimidio brevioribus, laxis, deciduis.
 - COR. monopetala, campanulata. Limbus quadrifidus, patulus, tubo longe brevior : laciniis acutis.
 - STAM. Filamenta quatuor, subulata, omnium brevissima, tubo corollæ inter divisuras insistentia, erecta, nuda. Antheræ erectæ, planiuscula, utrinque emarginata.
 - PIST. Germen ovatum, quadragonum. Stylus alis quatuor membranaceis longitudinalibus quadragonus. Stigma cruciforme, obtusum, persistens.
 - PER. Capsula quadragona, stylo instructa, quadrilocularis, quadrivalvis. 8 m
 - SEM. bina, oblongiuscula, obtusa. /ingland.

- 104. Koldia JaJan BLARIA +. faile hiver au nomen Blaine CAL. Perianthium quadripartitum : foliolis linearibus, erectis, co-1.10. rolla paulo brevioribus, persistentibus. COR. monopetala. Tubus cylindraceus, longitudine calycis, pervius. Limbus parvus, quadrifidus: laciniis ovatis, reflexis. STAM. Filamenta quatuor, setacea, longitudine tubi, receptaculo inserta. Antheræ oblongæ, compressæ, erectæ, obtusæ, emargi-PIST. Germen quadragonum, breve. Stylus setaceus, corollâ multo longior. Stigma obtufum.

PER. Capsula obtusa, quadrangularis, quadrilocularis, angulis dehilcens.

SEM. nonnulla, subrotunda. OBS. Antheræ quidem emarginatæ sunt, nullo tamen modo bicornes. 105. 11. opp. serbagi en Anyon Date A. Houft. A. A. Brown. Solognamum Lin Helpicter recommender and a grade and the contractor CAL. Perianthium minimum, semiquadrisidum, acutum, erectum, COR. Petalum unicum : semiquadrifidum, crectum, calyce triplo Antheræ brevissimæ, simplices. PIST. Germen ovatum. Stylus simplex, corollà dimidio brevior. and aread. Stigma obtusum. ybattypunt. PER. Capsula ovata, oblonga, bisulca, bilocularis. capronice Topole compt flim Me St: 40 8. cutilities low alt SEM. numerosa, minutissima. Lygidian. Brown. 2. Cal . hyperny 1 photo that 4 Dent. ovar inform Styley levi 2 for lawing 2 for Hoy & Nept lever life 1. they 2. long plana malea & lowel & Sp; Barra glob. 1. loc. pilja coendiple plays Sun 1. My low of ato all. They inthing could copean for my huil this code copean

1 2XH But They . fol alt popp utry latinulita on anthing castoning includ. JOJETHY Sir EPIME 38 TETRANDRIA MONOGYNIA. Plantago momenthe Car. Perianthium tett monica at 106. PLANTAGO *. PLANTAIN. Tournef. 48. Coronopus vis, patentibus, parv flenter hiermigh Tournef. Psyllium. HERBE AUX PUCES. Tournef. Gramen junc: 30. Morif. III. f. 8. t. 9. f. ult. and her he med what ?. ctis, caducis. COR. Petala quatuor pain Mant latif in a Cal. enacte Sphyll jung. fl. 2 laterelit navrulatit. Augured & 1- Doyali plana cum tax in Manty latif: CAL. Perignthium quadripartitum, crectum, brevillimum, perfi- 11 mig. calcomite ftens. "have 4" quama low flore imposite in pican inheratum collecto. Nectaria quatuor, C talorum, petalis incu STAM. Filamenta quat COR. Petalum tabescens. Tubus cylindraceo-globosus. Limbus guinta V. vontrald fligratery que frat oblongz, erectz, bi quadripartitus, depressus: laciniis ovatis, acutis. sten calout flicen. Je calm My STAM. Filamenta quatuor, capillaria, erecta, omnium longissima. Mant no lanther Mather & oblongiuiculæ, compressæ, incumbentes. flam lant and Mant no lanther Pist. Germen ovatum. Stylus filiformis, staminibus dimidio bre-vior. Stigma simplex. Line unhavery. hiscentes, diffepime PIST. Germen oblom flaminum. Stigma 1 PER. Siliqua oblong PER. Capfula ovata, bilocularis, horizontaliter dehifcens, diffepi-mento libero. Augstaulum centrali (ptur medicularia and the second for th SEM. plurima, oblom 110. CORNUS Sun 2. and internan Cornuley heit . com Was Ostand 107. SANGUISORBA *. Rupp. Pimpinellæ Species CAL. Involucrum tet famile Rojanun fl. printe tamin 200 grand 2 doput the que fin wat calicum informe culi-ferum; foliolit duis. Hay unliket ducis. OR. Petalum planum, quadripartitum; laciniis ovatis, obtulis, unpa manden g. in deementalquare 2 buch Perianthium minim ciduum. COR. Petala quatuos itent co apris de unguibus cohærentibus. Sai que late ut ratulity prost. mais inhonet 18 TAM. Filamenta quatuor, superne latiora, longitudine corollæ. STAM. Filamenta qu Antheræ subrotund Anthere Subrotunda, parva. gran in the typ feel the might which he PIST. Germen subre style unfort callerin Die Giren quadragonum, inter calycem & corollam politum. mis, longitudine c PER. Drupa fubrotu SEM. Nux cordata - 108. CENTUNCULUS *. Dill. gen. 5. Anagallidastrum 12. And Andrew Mich. 18. Anagallidis Sp. Vaill. B. P. 4. f. 2. in alpha de the and the second se Mante englis. I plicate later CAL. Perianthium niis subrotundis, Cor. Petala quatur STAM. Filamenta q tis, lanceolatis, corolla longioribus. getmini-tanquam COR. Petalum unicum. Tubus subglobosus. Limbus quadriparti-Pist. Germen acum tus, planus : laciniis subovatis. PER. Capfula fuccula PIST. Germen subrotundum, intra tubum corollæ. Stylus filiforquadricuspis, quadr SEM. folitaria, ovata mis, longitudine corollæ, persistens. Stigma simplex. ethendythe dow OBS. Fructificatio, PER. Capsula globosa, unilocularis, horizontaliter dehiscens. quintam numeri par SEM. plurima, subrotunda, minima. Rupt lande onlich Quibuldan Filamen my. Lali 40. min - Ille Rharma lin . Crotte retalium Brover 145. 2. Tilipped buinning 4 2 5 frenhiles cal. 1 phy. 4 pr pat per inferry, Con the function to atter at 4. Degit calici, Tubo tor including 00 an 7. styl & hivig. this 3. abt. cel Momen Hin. Die Centomber majar 2g. himp-915 Caps. glob. 1 loc. 1.5 ps Sen 1.gld. or. k. by class fol my vermice for apolisition for and the winder. Harry Data Hange Capi. ght. 162. 2 00 fol. 232 militate jung. Brate ar involute given lin D En me Dimidiation plicate as circinality, cum proceede involute de recepte intre cuellen Jund falis late TETRANDRIA MONOGYNIA. fol recettate hyperdi flypicete umanile as an anedio petioli comen plan utien churtophowane cing. ed comto queen 1 ctip. ording al fumariae -109: Tipin Sir. Don for el pute caret gretor a drine dan refetero. CAL. Perianthium tetraphyllum : foliolis ovatis, obtusis, concavis, patentibus, parvis, petalis directe (non alternatim) subjecal con elitaria liti gratante Beban) ctis, caducis. Lontice. COR. Petala quatuor, ovata, obtusa, concava, patentia. Nectaria quatuor, cyathiformia, fundo obtuso, magnitudine petalorum, petalis incumbentia, margine oris affixa receptaculo. STAM. Filamenta quatuor, subulata, stylum prementia. Antheræ oblongæ, erectæ, biloculares, bivalves, à basi apicem versus dehiscentes, dissepimento libero. ute Purbur audie PIST. Germen oblongum. Stylus germine brevior, longitudine staminum. Stigma simplex. PER. Siliqua oblonga, acuminata, unilocularis, bivalvis. SEM. plurima, oblonga. 110. CORNUS *. CORNOUILLER. Tournef. 410. Virga zouria Chipher Sun 2. anni international antig Sanguen. Dill. Corney hubana. Mesomera R. CAL. Involucrum tetraphyllum, commune, multiflorum, pedunculi-ferum; foliolis ovatis, oppositis minoribus, coloratis, deci-duis. flay umbellati par computer rauer trainer aute fl flower. in shuer million a communi-Perianthium minimum, quadridentatum, germini insidens, de-COR. Petala quatuor, oblonga, acuta, plana, involucro minora. detticta flos STAM. Filamenta quatuor, subulata, erecta, corollà longiora Antheræ subrotundæ, incumbentes. Quantum minister Stylus filiformis, longitudine corollæ. Stigma obtusum. PER. Drupa subrotunda, umbilicata. Les 2/ white public in anis. SEM. Nux cordata seu oblonga, bilocularis. Nucleus oblongus. folantemples. I plicata lata interiore interiore de commissionete.

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CAL Perianthium monophyllum, quadripartitum, planum: laci-filing parallel Evervaper. Actrayavia fol - Jane from creverale niis subrotundis, concavis. COR. Petala quatuor, ovata, plana, patentia, calyce longiora. STAM. Filamenta quatuor, subulata, erecta, corollà breviora, all'mp, germini tanquam receptaculo imposita. Antheræ didymæ. uhunu. PIST. Germen acuminatum. Stylus brevis, fimplex. Stigma obtu-hamightaile PER. Capsula succulenta, colorata, quadragona, quadrangularis, quadricuspis, quadrilocularis, quadrivalvis. SEM. solitaria, ovata, calyptra obvoluta. OBS. Fructificatio, in quibusdam individuis vel speciebus addit quintam numeri partem. Quibusdam Filamenta, præterquam acumina receptaculi, nulla. 1115. Sagain & Brown A. 145.2.5 tr. Rhus ojuld. 2.8. f. 3. pt 186 flat pice Cal. 4 f. minim pry sinform, con & petipati concern culticatti ouser. 1. all 1. they 2. crafted ot. L. Congre. Collising. Sound glob with. capi. glatigle. 2 value 1.1p. fol simate abupte, siterle antate sunitate cetti. flass adday glangrati 20.

fol alt. 3 nate utry later Dorso rusdate en STAM. Filamenta quanu Pist. Germen oratum TETRANDRIA MONOGYNIA. oma capitatum ; emme Dellucia adi Triontegi Movon 191. 2. 18 fl. Taxea alumu I 12. PTELEA *. Frutex ulmi facie Dill. elth. 122. f. 148. PER. Capfula ovato-ob 3. phyll ad &. cochlat pert. in medio latere opposi CAL. Perianthium quadripartitum, acutum, parvum. ad. acutis, craifis armata. Gr.o. - COR. Petala quatuor, ovato-lanceolata, plana, patentia, calyce SEM, Nucleus ovarus, majora. OBS, Sunt etiams Filam ad 6. bui inang . regiting. STAM. Filamenta quatuor, subulata. Antheræ subrotundæ. BIST. Germen orbiculatum, compressum. Stylus brevis. Stigma-PER. Membrana subrotunda, perpendicularis, cavitate in centro 116. DORSTENIA pro femine. Has 2 accordi in min / pun SEM. unicum, teretiusculum. Im 202-glaconten CAL. Involucrum com O B s. Fructas est ulmo simillimus, non verò stylus, Stigma, aut rectum receptaculo co liquæ fructificatienis partes. Calyx, corolla, stamina sæpe addifcum inhabitantibu dunt quintam partem numeri. fol alt. Hen conjunto termin. Perianthium proprin Male name 113. LUDWIGIA 7. vide HM. II. 50. Mer. Sur. 39. immerfum, cum COR. nulla. CAL. Perianthium monophyllum, quadripartitum, germini insiun STAM. Filamenta qu huiana dens, persistens : laciniis lanceolatis, patentissimis, longitudine nume didem corollà. tundæ. Pist. Germen fubrot. ell. COR. Petala quatuor, obverse cordata, plana, patentissima, æqua-PER. nullum, Recepta SEM. folitaria, fubr Sтам. Filamenta quatuor, subulata, erecta; brevia. Antheræ OBS. Qui plantam t fimplices, oblongx, erectx. PIST. Germen tetragonum, calycis basi vestitum, sub receptaculo flosculi feminei sint S floris. Stylus cylindraceus, longitudine staminum. Stigma obsoà Plumiero Parieta Dorstenia enim inte lete tetragonum; capitatum. PER. Capsula quadragona, obtusa, calyce vestita, eoque coronapol phenby W. alt. Itom Rathy Dehterines ta, quadrilocularis, quadrifariam dehiscens. (mily p) AMM 117. SEM. numerosa, parva. fotoppe planahaste OLDENLANDIA †. Plum. 36. CAL. Perianthium C ¥14.

& plicis, quadran CAL. Perianthium quadripartitum : laciniis subulatis, germini insixis, perfiftens. * dentibus, persistentibus. wy. sp. my. gunini bet had Cor. Petala quatuor, ovata, patentia, calyce duplo longiora. ann iun. Tylog. inignitealors inches STAM. Filamenta quatuor, fimplicia. Antheræ parvæ. ; caling filies inelate. PIST. Germen subrotundum, infra receptaculum floris. Stylus Ava 1. fimplex, longitudine staminum. Stigma emarginatum. blowly quinter (types & horas PER. Capsula coriacea, globosa, bilocularis. mice marsha. SEM. numerofa, minima. no Ind. hyllopis pute streated which fighties. Al. Tolfords. TRAPA †. MACRE, CHATAIGNE D'EAU, CORNOUELLES. Tribuloides Tournef. 431. CAL. Perianthium monophyllum, quadripartitum, acutum, per-I'd a dirale san el an pay - --ununs ; uejecere ; maxime affinis est. -1112. allisnia. Last Muschas Just comments Cor Petala quatuor, verticaliter ovata, calyce majora inti ing hurdhe 1116. Krameria. Locft Drine amaranth cal. 4 phyli dag: long. pat. infray for 3 part areta linearis. . or A. intra contl. authors aprile 2 for Oran 1. Myt 1. May 1. acut. Balla ried got the citizate 1.1p. Sum 1. oval. glad. Dare for 3 part creta linearis. aprice St. 4. Longa - 7 asis 1041 - herry obs J V Solgeneinen 11 Videters 17. Cruzeta . Locft. ad annauten aled. Blycourse price other berria proplint June l. ovat. glad . Darun, Vidaters con tiget to be touton or ail 1. Ptyley 2 fr - Otig . 2 timpl. Jour 1. midung