

No 2.

2

unilobata
~~marginata~~
marginata

Cyperus spiculis aggregatis sessilibus oblongo lanceolatis, in involucri
tetraphyllo, ^{subaequantibus} foliis ~~convolutis~~ - tubulatis culmoque rigidis.

Habitat in Guinea Thonning 48 est, Thonning.

Culmi cespitosi, pedales et ultra, tenues, laeves obtuse angulati,
base e congerie vaginarum ^{terrestrium} tubulosa. Folia spithamea, convoluta
sa canaliculata, subglaucescentia. Involucri foliola patentia
bina, rigida, acuta, duo spiculis parum longiora, duo breviora.

Spiculae quatuor vel quinque, subpollicares, unguem ungue
dimidio latiores, nix circiter viginti florum ^{nitidae}, niveae: valvulae
ovatae, obtusae, striatae, apice fusciscentes.

~~Cynens~~

~~Habitat in Madagascar~~

~~affinis nesco~~

habeo

85. - 86. 87.

fuscus

84 Cyperus

-lanco-latis

spiculis linearibus confertis, umbella trifida insolens sub
triphylla longis & imo linearibus que linearibus, umbella trifida.
gramen Cyperoides minus nigricante panicula Lob. ad v.

Gramen Cyperoides, minus, panicula & sparsa, obsoleta nigricante. Pauc.
theatr. p. 8.

Cyperus ^{minus} ~~minimus~~, pulcher, panicula compressa, nigricante Moris. herb.
3. p. 239. s. p. t. 9. f. 38

Cyperus minimus, panicula sparsa nigricante Tournef. inst. v. herb. 57.
Scheuchz. gram 384

Cyperus fuscus; culmo triquetro nudo, umbella trifida, pedunculis & im-
plicibus inaequalibus, spicis confertis linearibus Lin. spec. pl. 69.
8l. dan. t. 129. Polluk. palat. n. 42. Leers fl. herb. n. 39. t. 1. f. 2.

Cyperus ferrugineus; ~~Wortk.~~ Wortk. descr. Culmo triquetro, pedali; basi folioso;
umbella foliosa; spiculis fasciculatis, linearibus, compresso-concavis,
ferrugineis, margine viridibus, raro pedicellatis, semper sessilibus,
coarctatis ad apicem pedunculorum; bracteis pedicelli longioribus Wortk.
descr. p. 14.

virescens Cyperus compressus noster seu viridis Wortk. Gales. n. 69. t. 13.

Cyperus virescens; culmo triquetro, umbella universalitriphylla,

anthera com. Wortk. spicis compressis Hoffm. germ. 16

It abitat in Europae & Aegypti prae-humidis C.

47. 337

Culmi plurimi, palmares et ~~ultra~~ ^{gomi} ~~ultra~~, acuta ~~triquetra~~. Folia altitudi-
ne culmi, laxa, linearia. Involucrum bi-triphyllum, Longitudine fere culmi

^{Umbellae} radii brevissimi. Spiculae vix semiunguiculares infimae binae vel
trinae, ternae, lineares, duodecim florum: valvulae oblongae, fuscae margine carinaque

vix ~~id~~ ^{obtusiusculae}, rariolae nigricantes.

^{Spiculae ternae, non Forsk. vix nisi culmo parum altiore differt.}

^{Sp.} vix videtur differre specie, valvulae enim in altero saepe pedunculatae, et color
spicularum vix specie distinguitur hoc genere.

~~It abitat Aegypti~~
Foliosae. Culmibus subtriphyllis umbellae fraxinosae
pe. altitud. 1.10. 4. 5. fol. 0.

88
purpurascens; margine tenui membranaceo albido, carina virides.

Variat culmo pedali; foliis brevioribus, angustioribus, pallide viridibus. umbellis bi-
triradiatis; ^{sextis - quatuor} spiculis binis ternis ~~quaternis~~ pallide viridibus; apice purpurascens
vel totis pallide purpureis; interdum absque spiculis glomeratis absque radiis
ad latera.

29.
conglomeratus ^{confertissimus} Cyperus spiculis ovatis, culmo subtriangulo, foliis canaliculatis,
culmo obsolete triangulo.

Cyperus arundinaceus? caule tereti ad basin folioso, inarticulato, sub
panicula in duas partes fissis ^{Forsk.} ^{Forsk.} Deser. p. fl. arab. n. 45.

Cyperus conglomeratus; culmis subtriquetris; foliis fasciculatis;
strictissimis, canaliculatis, sesqui-pedalibus; capitulo panicu-

Cyperus strictus, Lato Verminali Rottb. gram. 21. t. 15. f. 7.

Culmo subtri- # Habitat in Arabia Forsk. 4

quetro, umbella ^{trigoni}
composita subglo- Culmi pedales et ultra, crassitie digiti minimi, obsolete ^{trigoni}
marata triphylla, tri, compacti, vaginis aridis unacum cura vaginae foliorum ^{trigoni}
foliis strictis an- ^{trigoni}
flavescentes. Folia radicalia plurima, non nulla culmo altiora,

gustis ^{trigoni}
canaliculatis. Lamina ^{trigoni}
illustr. 1. p. 146 subtus convexa, supra canaliculata, tenacia, margine & sutura,
glauca. Involucrum tetraphyllum, laxum. Ochreae obtusae. Umbella

simples: radice brevissima, pauci. Spiculae breves, quatuordecim- ^{trigoni}
pediflorae, ovatae, griseae cum tinctura purpurascens: valvulae ova-
tae concavae

Valde affinis praecedenti: Cyperus strictus Lamanthii

torosus ^{90.} Cyperus spicis conynbosis patentibus; spiculis teretibusculis, involucrio subtriphy-
lo umbella longiore.

Cyperus Culmo triquetro; involucrio Vetrophyello; panicula Varminali, pedun-
culata; spicis linearibus torosis, confertis simis, patentibus Rottb. progr.

gram. 40 t. 11. f. 3.

Habitat in India orientali.

Culmus acute angulatus. Involucrium di-Vetrophyllum, margine carina
que scabrum: partiale nullum. Ochrea truncata. Umbella ^{simplex} quinque-
radiata

radius longior polliconi: partialis tri-
quinque radiata, radii brevis simi.

Spicula quatuor-octo, unguiculares, circiter viginti flori; spadiceo valen-
ta ovata, obtusa, unvexo, deno striata, toto spadiceo.

A. C. strigoso Linnæi toto caelo diversus.

92
Dg com

menthy meoburgs

Caryophyllus C.

~~umbrella coracae fuscisque radata involucri ^{polyphylla} subtriphylla longissima~~
specie involucri sub. pentaphyllis specie compositis specie ^{ultra} linealibus

apice subtricuspati Culmo ^{laxo}

Habita india orientali Heb. Schumacheri

Culmus Inguetis striatus marginibus caribus basi foliosis. Gaudet

foliolo una, proder ^{nonnulla} plures ⁿ brevissima ad basin radice

canata carina subfimbriata sesquipedalia. Umbella

radii unides sive proder umbella centrali sespilis unicus

requis duplo longior 1 pollicaris. radii umbellula compositi

multis a specie pluribus compositi pollicibus specie

imbricatis. sicula 7. o flora converisiculo apice incurvo
squama oblonga mucronata corno ferruginea margine
albido involuella sive longitudine umbellula

92. ^{convexiusculus}
tuberosas ⁹⁴ Cyperus spiculis linearibus lanceolatis verticillis, umbella involucri
~~tri phyllo~~ ~~trivalvata~~ ~~basica~~ umbella quinque radiata longiore.

Cyperus Tuberosus; Culmo triquetro, basi folioso; involucri ~~poly~~
tri phyllo; umbella composita; spiculis lanceolatis, verticillis
Proth. ~~pag. 18~~ gram. 2 d. t. 7. f. 1.

Habitat in India orientali

^{glauco} Glauco. Radix tuberosa, ^{vix magnitudine} ~~vix magnitudine~~ nucis Coryli, stoloni ferax. Stolo
ner, ut in C. stolonifero. Culmi ~~sepe~~ bipedales, acute trigoni, later
basi foliosis ~~intadum~~, plerumque immaculatis, interdum ad ~~3~~ per ~~8~~

punctis paucis sive purpureis. Folia altitudine culmi, margine
carinaque scabra. Involucri foliola ^{omnis umbella longior} ~~structura foliorum~~, unicum

semipedale. Ochreae ^{congrua} ~~truncatae~~, albidae vel purpureascentes. Umbella
radi quinque - sex, ^{congrua} ~~semipollicares~~, in ~~sepede~~ ~~semiterdes~~.

Spicula tres-decim, ~~spiculae~~ ^{congrua} ~~vix~~ semipollicares; inferiores remotiusculi
nates, viginti-quatuorflora, acutae: valvula ovata, acutiuscula,
pallide sicciscentes vel latera purpurea, sublaevia, margine men
braeae.

ater C. culms triquetris rad. umbella foliosa involvens setosis, spiculis fasciculatis
lobis linearibus squarosis

Habitat in India orientali
gramen sepe pollicare ^{spicis} 6-8 spiculis in apice interdum proterea
radix 3-4 spicigeri coctum spiculis squarosis a quo d. folia
Et involucri angustiora spicis fusco nigricantia nec vix
flarescentia

95. 96

pallidus 97 Cyrenus spicis corymbosis, spiculis linear-lanceolatis; involu-
cro umbella brevior +

Cyrenus pallidus; culmo triquetro, basi folioso; pedunculis
supradecompositis; spiculis linear-subulatis, rectis; distan-
tis; involucrio subtetraphyllo, umbella brevior Desfont. fl.

Alth. 1. p. 45. t. 9.

Habitat in Barbaria

Culmi basi crassitie fere digiti minimi, superne acutangulis.
Folia paucis, culmo longe breviora, vaginantia, margine venis
sine serrata. Involucrium tri- & tetraphyllum. Radix um-
bella composita, quinque-duodecim radiata. Spiculae quatuor-
duodecim, horizontales primum pallidae albue, dein pallide
russe, distantes: valvulae concavae, obtusiusculae, margine
membranaeae Desfont. l. c.

Microstachys
autumnalis

C. involucri diphylla umbella multicaudata longiore partiali
nulla, fructibus terminalibus subternis.

Scirpus autumnalis involucri diphylla; panicula supra decem
fructibus terminalibus solitariis lanceolatis subtetragonatis

Roebb. gran. pag. 5. P. tab. 17. fig. 3

Habitat in India orientali

Culmi perthamoi vel pedales maxime affinis Cyp. nostro
autumnali. Differt culmo latiore tenuiore brevior acute trique
tro non autem alato. Involucri umbella longiore fructibus
minoribus

Scirpus autumnalis ten alia plantis

unicum specimen a Roebb. habui sub nomine *Scirpi autumnalis*
reliqua a Honigis sub nomine *C. haspan* an *haspan*
Roebb. et *Scirpi autumnalis* modo varietatem

rigidulus 96.

Cyperus spiculis linearibus compositissimis, involucri diphylo
umbella unis radiata longioribus foliis que rigida filiformibus
^{rigidis.}
Habitat in India orientali.

Culmi spithamasi, filiformes, basi foliosi. Folia altitudine
culmi et eisque latitudine: vaginali per purascentes. Involucrum
erectum; foliolum unum bipollicare. Ochrea oblique
truncata, per purasces. Spiculae sex-duodecim, semiunguiculares,
duodecim florum, per purasces: valvulae oblongae, obtusae,
striatae.

98-99

tetradactylos 100

umbella brevior

Cyperus spiculis linearibus - luncolatis subquaternis, involucrio subtriphylo
foliis que filiformibus.

Cyperus Tetradactylos; Culmo; triquetro; involucrio subtetraphyllo; cony-
bo brevioribus; spiculis subquaternis, arcuatis, acutis Desfont. fl atl.
1. p. 44. t. o.

Habitat Algeria ad ripam fluminis Taoudah. Ex herbario Desfontai-
ni

Valde affinis C. ^{protundus,} ~~tetradactylo~~ differt: Culmo teneriori, filiformi; foliis
angustioribus fere filiformibus, brevioribus: involucrio filiformibus; umbel-
la brevioribus; spiculis duplo ^{longioribus}.

Foliorum margine ^{que} involucrium interdum diphyllum. Ochreae ^{simples;} albidae, truncatae. Umbellae
nerve ^{ocobius}

radii duo - quatuor, capillares. Spiculae ^{duae} solitariae, duae ad quin-
que, lineares, subpollicares, circiter viginti octo floreae: valvulae
ovatae, acutae; cetera haec res purpureae.

interdum panum arcuum
to.

rotundus
hexastachyos 99
100

^{Canaliculatus}
Cyperus spiculis linearibus subsens, involucri subtriphyllis umbella
longiore foliisque linearibus.

Cyperus ~~rotundus~~; Culmo triquetro subrufo, umbella decomposita, spiculis
alternis linearibus Lin. fl. zeyl. 36. rotundus syst. veg. 98.

Cyperus hexastachyos, foliis graminis linearibus mollioribus glaucis,
umbella simplici flava, spiculis linearibus alternis subsens. Robt.

Cyperus orientalis,
radice olivaria, spi-
cis longiore & pediculis
purpureis Scheuchz.

gram. 204. 14. f. 2.

Habitat in Arabia et India orientali 94

Culmi teretibus Radix fibrosa, hinc inde tubera emittens. Culmi sesqui-
pedalii, basi acuta trigonus, basi foliosus. Folia interdum altitudine cul-
mi, laxa, ^{margine laevius} involucrium di-triphyllum. Ochreae truncatae, pallidae,
basi purpureae. Umbellae ^{sum. sens:} ~~radice~~ ^{truncatae} tres-quadro, filiformes, longior bi-
tripollicares. Spiculae duae - sex, ^{unguiculatae} ~~parum~~ ^{parum} distantes, decem-duode-
cimiflorae, acutae: valvulae laterales purpureae, laevae, ^{mar} ~~marginis~~ ^{marginis} mem-
branae.

Varia involucri longior umbella longioribus vel brevioribus aequali-
bus [#] spiculis majoribus vel minoribus purpureis.

frequentius vero
longioribus,

~~retundat~~ Pyreni

102
Hydra 109 Cyperus Spiculis linearibus lanceolatis distantibus, foliis recurvatis, tuberibus ob-
100 longo - subrotundis.

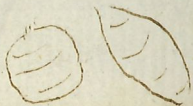
Cyperus hydra; radice repente, tuberifera: foliis radicalibus, recurvatis: cul-
mo tri quetro laevigato: umbella simplici: spiculis ad summitates proxime
alternis, subfasciculatis, patentibus, lanceolato-linearibus, conspicue con-
pressis, paturate castaneis Michx fl. bor. am. 1. p. 27.

Habitat in Insula St. Crois, Nyan in Carolina, Bosc. 7

Tubera, ut in affini-
bus notata: culmum in veniuntur. propter allos. Plenus que humilior est, et specimina

culmo pedali vidi; folia parum latiora; umbella sepe simplex,
sed et composita; spiculae breviores, interdum latiores, interdum angustae,
et in affinibus invenio quam folia recurva, et quam parvam et figunt tubera

Involucrum
longius vel
brevius, tri-
phyllum, tri-
phyllum foliis
umbella brevior
vel triphyllum
foliis unico
umbella longiora
vel aequante



macrostachys Cyreni culmo Ingueta, umbella composita amplissima pedalis
lineamentis arcuatis longissimis glumis obtusis La Mark T. Enc

pag 14

Habitata in Africa

Spicula pollicares

110
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107
esculentus ~~107~~ Cyperus spiculis linearibus lanceolatis erectis, tuberculis ovatis.
^{umbellulae radius terminatus}
^{diostantibus foliis}

Trasi math.

Cyperus rotundus Lob. ii.

Cyperus rotundus esculentus angustifolius Bauh. Theatr. 22.
pin. 14. Scheuchz. gram. 382.

Cyperus esculentus; ~~spiculis~~ Culmo triquetro nudo, umbella
foliosa, radium tuberculis ovatis. zonis imbricatis Lin. Syst.

veg.

Habitat Monspelii, in que Italia, Oriente &

difficile diagnoscitur ab antecedente, et vix nisi tuberculis
magis ovatis, et foliis erectis, et radius umbellularum ^{capitis}

variat umbellae ternis, per num in hac ultima nota ^{que} constans.

Radii Radii umbellae filiiformes ut in antecedente et sequen

te. variat umbellae compositae et simplicibus.

Setae duae sub um
bella pro trali.

Pangoraei ¹⁰²
105

Cyperus spicis corymbosis, spiculis filiformibus ^{in involucrio triphylo,} dist. var. rotundus Latis,
valvulis linearibus obtusis, (Culmo triquetro).

Cyperus Pangoraei, Culmo triquetro; involucrio triphylo; umbella
universali decomposita; partialibus ^{sub} trifidis; spicis alternis, fili-
formibus Rottb. gram. 31. t. 7. f. 3.

Habitat in humidis Paylorae. Noni 4

Culmi interdum altitudine hominis, crassitie pennae anserinae.

Involucrii foliola tria, margine scabra: partialia nulla, nisi squamula.

Oberea truncata, ferruginea. Umbella composita; radii septem vel

octo, capellares, longior quadri pollicaris: partiales pollicares vel

breviores, alterni. Spiculae quatuor ad octo, pollicares et ultra, te-
nuis, viginti sex florum, ferrugineae. Valvulae lineares obtusae,

concauae, enerviae, sensim deciduae.

Variorum ~~quod~~ Bel. Retzii & Pangoraei ^{esse} ~~diversum~~ Rottbollii, haud raro enim

C. procerum aequae varietates aequae ac aliorum sub nomine Pangoraei

ex India habui. Rottbollii ab omnibus affinis distindus ^{est} gaudet enim

Culmo triquetro nec trigono; spiculis filiformibus nec linearibus
valvulis linearibus obtusis, nec ovato-lanceolatis.

Varia magnitudine; involucro longitudine umbellae vel ^{sub}aequante;

Spiculis & amovis vel magis appropinquatis. - Involucrum constanter
verte

Triphyllum absque foliis minoribus in centro.

badus ~~103~~ Cyperus spicis corymboso fasciculatis, spiculis linearilanceolatis, involucrio triphyll
103 104 to.

Cyperus badius; corymbo terminali; foliis margine dorsoque serrulatis; spi-
culis linearibus - subulatis, dense confertis; involucrio pedunculis longiore. Desfont.
fl. atl. 1. p. 45. t. 7. f. 2.

Habitat ad ripas nivilonum Algeriae & ^{gracilis}

Palmus - sesquipedalis, acutangulis; folia margine at carina scabra - Invo-
lucrum triphyllum: foliola duo umbella longiora: partiale nullum. Ochrea

Composita:

tetra-
tri-
chyi.

truncata. Umbellae radii sex filiformes, longior tripollicari; partiales tres
vel quatuor, conferti, brevis, similes Spicula unguiculares; octodactyloflora,
acuta, fusco ferruginea: valvula oblonga, obtusa, prope carinam uniseriata

Affinis Cypero tenuifloro.

Malacensis Cyp. culmo Inquetto, umbella paniculata, involucrio longio
rimo, spiculis linearibus subteretibus, squamis obtusis La Mart. T.
Enc. pag. 146.

Cyperus strigosus [#] Herb. gran. no 52. tab 10. fig. 3. exclusi synonymi
Habitat in Malacca.

culmo Inquetto involucrio Tetraphyllo, panicula terminali pedun-
culata spiculis linearibus teretibus confertissimis patentibus

michi ignotus

~~fastigiatus~~ ¹⁰ ~~longus~~ ¹⁰⁷ ~~longus~~ ~~specie conymbosia,~~ ~~complanatis dentibus pedalis~~
~~longus~~ ~~speculis linearibus lanceolatis approximatis, valvulis oblongis~~
~~longus~~ ~~radiis umbellae involucribus que longis & simis,~~ ~~culmo folioso~~

Cyperus. Ducts. hist. 453.

Cyperus ~~longus~~ = ~~*Cyperus odoratus* radiis longa & *Cyperus officinarum* Bauh.~~
~~quor; Culmo tri-~~ ~~*Cyperus longus odoratus* Bauh. Herb. 216.~~
~~quetro folioso,~~ ~~*Cyperus odoratus* radiis longa & *Cyperus officinarum* Bauh.~~
~~umbella foliosa~~ ~~juv. 14. Schemtz. gram. 370~~

~~supradecom~~ # ~~*Cyperus longus*; Culmo triquetro folioso, umbella foliosa supra-~~
~~posita, pedunculis nudis, specie alterna. Lin. Syst. Veg.~~
~~lis nudis, specie~~ ~~fac quae collect. 3. p. 191. fac quae. t. rar. 2. t. 297.~~
~~alternis~~ ~~*Cyperus fastigiatus*; Culmo triquetro; umbella decomposita, pe-~~
~~dyt. Veg. 90~~ ~~diculis longis & simis filiformibus subperispermis, specie~~
~~collect. 3. p. 191.~~ ~~plurimis linearibus sparsis Rottb. gram. 37. t. 7. f. 2. fide herb.~~
~~fac rar. 2. t. 297~~ ~~epis~~

~~*Cyperus fastigiatus*, Culmo triquetro, cubitali, basi folioso; umbella~~
~~foliosa; densa umbellifera; specie cylindricis; specie utraque~~
~~convexis flavidis Forst. Descr. p. 14.~~

Habitat in Galliae, Casa Italiae, Carnioliae, Aegypti, et Indiae

orientalis paludosis &

veste

~~in parte~~

Culmi alti, crassitie pennae anserinae, acute trigoni, inferne foliosi. Folia
pedalia et ultra, margine scabra. Antheridium pentaphyllum: foliola ^{max}
guine scabra; ^{de} ~~unum~~ sesquipedalia, unquam lata: ^{partiale} tri-tetraphyl-
lum, umbella brevius. Ochreae ^{pollicares} ~~obliquae~~ truncatae: ^{partiales} transversae.

Decem
posita;

Umbellae radii circiter decem undecim, inaequales, longiores saepe pedales,
graciles, nonnulli filiformes, erecti: ^{partiales} filiformes, quini vel plures,
bi-tripollicares; ultimi duo-tres, nudi. Spiculae tres-decim, ungui-
culares, duodecim-^{tridecim}florae, approximatae, ^{et} ^{trique} acutae, purpureae.

Distichae,
patulae,

valvulae oblongae, ^{obtusae,} latera laevia, margine membranacea.

~~Spont. Elymus foliosus frequenter in partibus, umbella prostrata com-
posita, foliis capisiformi confertis prostratis filiformibus
et scabra in dem. mundi.
et scabra in dem. mundi.
et scabra in dem. mundi.
et scabra in dem. mundi.~~

105
corymbosus ~~100~~ ¹⁰⁵ Spica corymbosa, tertridialis
Cyperus. Spiculis linearibus, radiis umbellato-corymbosa, involucri
umbella longioribus longiore, Culmo vaginato.
Cyperus corymbosus involucri polyphylo; umbella supra deum posita, ne
denticulis filiformibus corymbosis strictis Botth. gram. 42. t. 7. p. 4

Culmus Habitat in Arabia et India orientali

Radices

Cyperus corymbosus; umbella culmo trigono aphylo, umbella deum
posita, involucri breviora, spiculis linearibus Thunb. prod. 10

Habitat in Arabia, India orientali et Cap. b. p. 1

Stolones adpen
dentes vaginati

Culmus Tripedalis, acuta ^{angulatus} ~~trigona~~ folia nulla, nisi vaginae tres.

Spica ferruginea, apice lanceolata, interior fere pedalis. Invo-
lucra foliola quatuor, duo vel tria umbella longiora, ultra lineam
lata, margine carinaeque & c. obtusissimi: partiales nullum, nisi ~~quatuor~~

Setae duae
ad basin radiorum

ma, linearis. Ochreae oblique & truncata, mucronatae. Umbella

Decomposita patens, duodecim- quindecim radiata: radii filiformes, longiores

palmares: partiales longiores saepe bipollicares, distantes. Spi-
culi ^{tr} teneres, unguiculares, pedicelliflori, acuti: valvulae oblon-

tres octo, remedia
104 & Culmae,
105 prope factos.

ga, obtusa, vix striata pallide purpurea, margine albido-mem-
branacea

*Lanicus C. culms trigono foliis, umbella composita, involucro duplo
brevis, spec. oblongi Thunb. prodr. fl. Cap. pag. 18.
Habitat in Cap. b. spec.*

Q

mibi ignotus

106
tenuiflorus 409 Cyperus Spicis corymbosis, spiculis linearibus convexiusculis, involu-
cro umbella longiore, culmo folioso.

Cyperus tenuiflorus, Culmo triquetro, foliis linearibus, umbella decom-
posita, spiculis linearibus acutis angustis simis. En Rottb. gram. 30.
t. 14. f. 1. Paque. collect. 3. p. 190. f. c. var. 2. 1. 296.

Habitat — — — ?

Vindiglaucus. Culmus bipedalis et ultra, acute ^{angulatus, inferne} trigonus, basi foliosus. Folia culmo
paucis breviora, six duas linear lata, palli margine laevia, palli
de viridia. Involucrum subtetraphyllum; ~~foliolo omnia umbella~~
longiore, ^{umbellae} punicum ^{duplo} longiore: partibus ~~lineare~~ ^{subseptem} ~~radialibus~~ ^{radialibus} linearibus

Belacum. Usc Ochreae oblique truncata. Umbellae ^{subseptem} radialibus; radii

4 composita, filiformes, longior tripollicaris: partiales quinque - 8 ex, alterni
capillares 8 emipollicares, sensim breviores, capillares. Spiculae duae
octo, paucis distantes 8 emipollicares, vel paucis ultra, angustae

4 distichae badecion + vigintiflorae, ^{nitida} ~~nitida~~ ^{radice} ~~radice~~: Valvulae oblongae, ^{obtusae} ~~obtusae~~ ^{intrin} ~~intrin~~
que subuninerviae *

panicoides Lyp. culmo ~~in~~quetro, umbella decomposita subnuda, paniculis parvis
aggregatis serratis squarosis glumis acutis. La Mart. P. En. pag. 147

Habitat in India orientali?

Panicula juncei pilosi

non vidi

punctulatis P. umbella subdecomposita involucrio heptaphyllo. Longisimis
involucrio nullis
fructis compositis pediculis verticibus acutis

Habitat in Java Burm.

Palmi obdusa Inquetri. Umbello folia 7. omnia umbella longis
vix longissima pediculis margine serrulato siabra inter fructus
puncta lineana leviter parva an explicatione, angusta. Radia
4 propter umbella centrali sespilis. partial pro pollicari partialis
quatuor brevis squamata 1. 2. avata peltuata toto in involucrio
semiunguiculata; pedicelli tres unilaterales unguiculares
intermedii interdum pollicari. spicula fraxo oblonga vertice
acuta 3-5 flora bractea duo minute ovata ad basia singula
squama oblonga striata acuta.

109
macrostachyos #2

110

Species conyboris,

Cyperus (Spiculis linearibus lanceolatis remotiusculis longis primis arcuatis, umbellis amplissimis involucri ~~subtriphyllis~~ ^{triphyllis} umbellis amplis & c.
Subdiphyllis, Cyperus macrostachyos; culmo triquetro, umbella composita amplis
sumis, spiculis linearibus arcuatis longissimis, glumis obtusiusculis Lam-
marthi Illustr. 1. p. 147. ~~fed. regem~~

Habitat in Africa Lamarth, in India orientali Rottler. Est herbario
Lamarthii et proprio.

Vindid glaucus Culmus tripedalis et altior, inferne crassitie fere digiti, ~~in medio~~,
triqueter, foliosus. Folia bipedalia, et ultra, vix unguem lata, extor-

sum margine et carina semi-~~lo-~~scabra, involucrium subtriphyllum
reliqua umbellae ~~unius~~ ^{pedale} ~~structura~~ ^{foliorum} : ~~Octava~~ ^{partiale} ~~partiale~~ ^{diphyllum}
brevis, Ochreae pollicares, truncatae, nigricantes: partiales nullae.

composita,
magna

Umbella # magna: radii quatuor-quinque, longior & pithamaeus; partia-
les potentis ~~primae~~ ^{lineae} ~~duae~~ ^{est} ~~vel tres~~ ^{ae} ~~breves.~~ Spiculae pollicares vel bipol-
licares, ~~remotiusculae~~ ^{remotiusculae} ~~saepe septuagintiflorae~~ ^{saepe} ~~juniores rectae,~~ ^{acutae,}
~~adultiores~~ ^{adultiores} ~~curvatae,~~ ^{curvatae} ~~ferugineo-purpureascentes:~~ ^{ferugineo-purpureascentes:} ~~valvulae oblongae,~~
obtusae, subnervosae, margine membranacea, ~~senximdaei~~
duae.

pilosissima
frequenter,

involucris breviori
Curvatus Cyrenis umbella simplicis & spiculis simplicibus alternis compres-
sis incurvis

Habitat in India orientali Honig

Culmi triquetri nudus subsiliiformis pedalis glaber. Folia
basa culmi superantia angusta ^{lanata} ~~triquetra~~, culmo triplo
breviora. Involucrum triphyllum umbella longius foliolis
filiiformibus canalicatis. Umbella 3-4 radiata parva. Spini-
to sessile alternis ^{basifoliaris} patentibus conferti incurvis. Squama lan-
ceolata obtusa ciliolata livida striatula marginem versus
longata

pelecher ~~42~~ ¹¹⁰

Cyrenis spiculis ovatis, involucrio subhexaphyllo +

Cyrenis pelecher culmo trigono, umbella decomposita, involucrio
subhexaphyllo, spiculis ovatis Thunb. prodr. 10.

Habitat in Cap. b. ppei.

~~acutum~~ *C. involucri diphyllo* ^{oppreante}
umbellam multiradiatam diphylla, spicis involucri nullis, spicis
hojpan lineariibus compressis terminalibus subtornis.

Cyperus hojpan Rottb. gram. pag. 36 tab. 6. fig. 2. ?

~~*Cyperus acutum*~~

Habitat in India orientali.

Culmus Inguetis alatus striatus. Involucri folium alter longitudo
umbello alter ~~longitudo~~ multo brevior. Umbello radii interdum
inter triginta undique spicis longae inaequali congoxi & polli-
tariis his plures compositi ^{et decem compositi radii parciales}
inter & unguiculari filiformi ultimi tres cum spicula
una altera centrali. Spicis 3-5 in apice singuli pedicelli
femina unguiculari, multiflori laxo imbricato spicula lineari obli-
que obtusa, dorso viridi medio flavescens margine infera versus
commune uam sanguinea

gramen cyperoides maderi gratanum panicula magis sparsa et spicis
sa Pluken. alm. 1749. tab 192. fig. 2.
Cyperus hojpan fl. Zeyl. 378

hoc forte hojpan fl. Zeyl. dicitur a hojpan seu herb

Rohini C. umbellato triphyllis specis alternis distichis remotis teretibus
tubulatis laxe imbricatis
Habitat in America meridionali nup. in Rohr sub nomine Cyperi
odorati

Differat ab odorato Rottbollii Synon: Sloanei forte huius potius parti
net quam ad odoratum descriptionem quare inter ameri
cana

Berolinus
Monti

Corymbosis patentissima

Caxa umbriati

remotissimis

Cyperus spicis sessilibus, spiculis linearilanceolatis distichis, umbellae
involucro brevioribus umbella longiore.

Cyperus Berolinus odoratus, radice longa, panicula cyperi longi ex crassioribus
Cyperus Berolinus odoratus, radice longa, panicula a locustis latis ferrugineis

glumis com-
pacta, ad brevi-
bus petiolis dona-
ta. Triumph. obs.

Compositis Mont. gram. 12. 7. 1. p. 2. Schenck. gram. 380

Cyperus Berolinus; umbella univ. decomp. foliosa; partialibus
nudis subtrifidis; spicis teretibus alternim. pennatis Roth. pag.

64.

18. gram 31.

Cyperus Monti; culmo tereti, umbella supradecomposita, foliis canina
laevibus. Lin suppl 102.

Habitat in maritimis Italiae et Tergesti ?

Glaucus. Culmus bi-tripedalis, acute trigonus. Folia radicalia, longissima
marginibus serrulato scabra, canina laevi. Involucrum triphyllum, folia

parviale nullum

omnia Umbella longiora, unicum longissimum, unguem lato, structura
foliorum: ~~duobus basi~~ ^{universali} distichis. Dichraeae truncatae. Umbella quinque
radiata; radius longior tri-quadrupollicares: parvales tres-quinque
sub sessilibus, horizontaliter patentes, alterni, pollicares, et flexuosi. Spicula
distichae, quatuordecim-viginti, lineari-lanceolatis unguiculatis et
parum ultra, linearilanceolatis, convexiusculae, patrum distantibus, obtu-
sinisculae: valvulae furvatae, concavae obtusiuscula, concavae

marginis membranaceo,
Versus laminam perium & Violae, nitida, fusco ferruginea.

2

Sanguinolentus ^{approximatis;}
~~albidus~~ 1184 Cyperus spiculis subquinis oblongis, ^{approximatis;} valvulis marginis sanguinolentis, in
volucris triphyllis.

113.

Cyperus albidus; Culmo triquetro, umbella simplicis triphylla, spiculis
conglomeratis albidis, squamis laevibus Lamarck illustr. 1. p. 346.

Habitat in India orientali. Ex herbario Lamarckii

Affinis Cyp. eructo. Culmus ut Spithameus, basi foliosus. Folia

Culmo breviora. # Spiculae Umbellae ^{quinq;} quinq; radiata. Spiculae qua-
tuor vel quinque, approximates. Valvulae ovatae, albae, laevibus
sanguineis

H4 n. volucris foliolis
duo umbella lon-
giora.

parvulus
pygmaeus

~~P. ciliato triquetris aggregatis, involucrio polyphylo, capitulo termi-
nali subsolitano; glabulis subaequalibus apice spinulosis Kottb. gran-
pag. 20. Tab. 14. fig. 4-5.~~

~~Gramen cyperoides parvum fuscum, capitulo globofo, involucrio
polyphylo longe ad summum eadem inter 4. folia fessile Planch~~

~~Amalth. pag. 112.~~

~~Habitat in India orientali~~

monophyllus 112

^{corimbosus} Cyperus spicis spiculisque terdibus laxa imbricatis, ^{umbellis} ~~umbella~~ ^{invo-}
^{lucida} ~~subopacis~~ ^{longitud} ~~subaequantur~~.
Habitat in India orientali?

*refertus.

#, bipollicares
particula nullum
nisi sicut modus
brevissimis sed

Palmus bipedalis et ultra, ^{crassitie tera pennis ungerina} ~~basilica~~ ^{in ferre} ~~ca~~ ^{vagina} in
foliis bipollicares desinente. Involucrum foliola linearia, angusta, mar-
gine carinaque scabra, rigida, unicum umbella parum longius. ^{Octrea}
acuminata. Umbella ^{contractas longioritas angustatas} radii quinque, ^{partiales brevissimi}
^{atque mi-} ^{nuta} quatuor - sex, erecto, decem florea, unguiculares, ^{laxa fusca}
virescentes: valvula oblongo, obtusissimo, ^{convexa} margine membranaceo albidis,
retinata

~~Cypripis~~

~~Habitat in monte viduo herb. musci~~

habes

116.

117

pari floribus ~~117~~ *Cyperus* ^{compositis,} spicis linearibus teretibus, spiculis oblongis teretibus distantibus,
in involucri heptaphyllo longisimo.

Habitat in terra Burmana

Vires diaphani. Culmi obtuse angulati. Involucri foliola omnia umbella longiora, nonnulla pedalia et ultra, margine carinaque serrulato-sabro: in involucria vix ulla nisi squama duo, ^{parva,} ovata, valde attenuata. Umbella radii quatuor,

2 Composita;

longior pollicaris: pedales tres vel quatuor, brevissimi uti tres vel
mi brevissimi. Spica pollicaris, ^{alternata,} teretis. Spicula sparsa, parva, oblon-
ga quadri- sexiflora, oblonga, acuta, fusca-virantes: valvula ovata,
acuta, convexa, striata.

~~recurvatus~~ *Cyperus* involuelli monophylli,
spicis sessilibus; spiculis confertis linearibus, squamis striatis
apice subrecurvis,

Habitat in Guinea Fersl

Affinis *C. alopecurade*. Culmus triquetus, striatus, pedalis, glaber. ^{Nulla} folia
radicalia, angusta, longissima. Involucrum hexaphyllum: foliola 4 longissi-
ma, duo longitudine umbellae. Ochrea unguicularis, truncata. Um-
bella composita, radii 5que, praeter 2-3 sessiles in centro, longiores, tri-
polliares, compressi. Spica 2-4, polliares; spicula copiosissima. In-
voluella monophylla, 2 longitudine umbellata.

117.

albidus ¹¹⁰ 122

Cyperus spicis corymbosis lat. spiculis latis, involucrio pol. seminibus. apice capit. ~~lati~~, involucrio polyphylo longisimo +

7. 353.

Cyperus albidus culmo triquetro nudo, umbella composita, pedunculis corymbosis, involucrio polyphylo longisimo Pretz. obs. 6. p. 21.

Habitat in China

Culmus tripedalis, folia ad basin culmi, bipedalia. Involucrum octophyllum, ~~folia~~ longius sesquipedale, ~~densum~~ brevius, brevissimum tripollicare: partiale nullum. Ocrea fissura.

Reliqua

umbella composita, octoradiata; radii bi-tripollicares. spiculae latiusculae, subsemi-pollicares, albae, sedecim-vigintiflorae: valvulae apice divergentes. Semen altero apice acumine elongatum, altero capitulo truncato terminatum & stigmati peltato simili Pretz.

(c.)

118. 119
virens 121

Cyperus spicis longiborisis, spiculis ovalibus, involucri longis
bimo. †

Cyperus virens; majusculus, nitidus: involucri longis bimo: umbella
composita subnuda; ramis & summitate divaricato-ramulosis:
spiculis fasciculatis, virentibus, ovalibus, planis compressis Mich.

Michaux fl. bor. amer. t. p. 29.

Habitat in Carolina

umbella composita.

Calmus acule angulatus. Involucrum polyphyllum. Spiculae capio
sae, undique versae, breviuscula ovatae. Mich. t. c.

pulcher L. culmo tergestino, umbella decomposita involucri subhexaphyllo
breviore, pappi ovatis Thunb. prodr. fl. cap. pag. 10.
Habitat in cap. b. p. p.

non vidi

Leyt Dr. Martfeldt

~~was~~ can in Barbados, et mihi igna in tota ^{via} collectio plantarum americanarum
donavit. Ann hoc ad hanc varietatem pertinet Sloanii Cyperus rotundus rari-
la & parva, species Strigosus fernugineis est. 35. bot. 1. p. 116 t. 74 f. 2. 3. Certe ^{enim} mag
nam habet similitudinem.

Conspiciens
glauca
conspiciens
conspiciens
conspiciens

22

Piperis species sessilibus umbriatis ^{retroflexis} & ^{speculis} oblongis ^{caulis} teretibus ^{et} reflexis.

Wara pulla Rheed. Mal. 12. p. 77. t. 42.

Habitat in India orientali. Nonig 4

Subumbella ferruginea.

Acriscentiglossum ^{binodali et ultra} ~~glauca~~ Culmus penna totum brava crassior, obtuse angulatus, ~~caulis~~ folia

ovata altitudine fere culmi, unguem lata, margine scabra. Involucrum hexaphyllum, ~~et~~ foliola 8 structura foliorum, unicam

^A obliqua truncata, ~~alters latere~~ bidentata. Umbella ^{universalis} cincler cito radiata; radiis patentibus, longior bi. 8. tripollicares: partialis quadriradiata, ~~pa~~

[#] Composita.

^{radu} Dia duo 8 semi pollicares, horizontaliter patentes, duo altiores.

Spiculae copiosae, vix semi unguiculatae, sex floro, ⁴ acutae: valvulae ovatae, obtusiusculo, 8 triatae. Semen trigetrum nigrum


^A Confertae, ~~partate~~ ~~reflexae~~

123 +

racemosus ~~125~~ Cyperus ^{imbricatus?} spicis corymbosis, ~~spicula~~ linearibus, involucri polyphyll
lo +

Cyperus racemosus; Culmo triquetro nudo, umbella supradecom-
posita, pedunculis ramosis racemosis que, involucri polyphyll
longo Retz. obs. 6. p. 20.

Habitat in India orientali

Culmus pedalis, crassus. Folia radicalia, Culmo altera. 

Involucrum delaphyllum et ultra ^{foliis} ultra; ~~exteriora~~ umbella duplo
longiore, reliqua sensim minoribus. ~~est~~ ^{est} ~~partialia~~ ^{folia} nonnullis

fili formibus, umbellula brevioribus. Ochreae breves, albae,
truncatae, folio subulato terminatae. Umbella ⁴decempollicaris.

+ supradecomposita.

Spiculae densae, duodecim florum, rufescentes. Retz. l. 2.

124
odoratus

Cyperus spicis compositis, spiculis subulatis remotis distichis,
valvulis subdistantibus, umbellulis patentissimis in voluella sub
equantibus.

Cyperus longus odoratus panicula sparsa, spicis strigosis
ribus viridibus Sloan. cat. 35. hist. p. 116. t. 74. f. 1. et 2. p. 1.

Cyperus odoratus; culmo triquetro nudo, umbella decem posita,
simpliciter foliosa, pedicellis distiche spicatis Lin. et Pres.

pl. 60.

Habitat in Canibaeis ad ripas fluviorum. von Rohr 7

Culmus altus, crassitie pennae ensiformae, acute trigonus.

Folia culmo breviora, unguem vel parum ultra lata, margine
caninaque scabra. Involucrum subpentaphyllum: foliola qua-
tuor umbella longiora, stridua foliorum: parziale diphyllum
longitudine umbellulae; ^{testis} unicum brevius unicum brevius ad
singulum radium. Ochroma pollicares, bifida; laciniae linea-
ri-lanceolatae subulatae, margine serrulatae: parciales an-
gustae. Umbella magna, diffusa, composita: radii septem,
longior & pithamaces: parciales tres-quinque, alterni, brevissimi

Semi-pollicares, sensim minores, remoti, horizontaliter patentes, flexuosi.
Spiculae pollicares, duodecim - novemdecim, horizontales, aetate reflexae,
teratae, valde attenuatae, viginti florum, florum viridi flavescentes;
valvulae oblongae, obtusae, dorso-striatae.

Cinnari C. Doratum huius retuli propter synonymum Sloanii. a
sequentibus differt: longitudine et crassitie spicularum. Alium a Senegal
meum communicavit In Dupuis omnibus partibus minus, umbella
contractiore, laterum omnino similis. Specimen in toto minus, umbella
contractiore, ceterum omnino Cui: odorato confimile a Senegal meum
communicavit In Dupuis.

~~Spiculae pollicares, remoti, horizontaliter patentes, flexuosi.~~

125 ~~126~~ ~~127~~

~~St. Hesperis~~

Cyperus ^{filiformis & subulatus} ~~spiculis~~ ^{inimis} ~~caulis~~ ^{filiformibus & subulatis}
~~flexuosis reflexis, involucrio pentaphyllo margine scabro~~
~~Habitat in Montserrat & Barb, Ryan;~~

4 alt. Studine culmi, minime ~~semis~~ semicunquam lata, carinata, extro ~~rum~~ rum & cum margine plicata, carina laevigata. Involucrum quatuor foliola umbellae plerumque longiora, bove foliis latera, extro ~~rum~~ rum & cum margine scabro.

Cyperus ferax; Ochreae bimusronato, compresso. Radix umbellata, radice unius ~~quadr~~ quadr ~~diffusa, composita, diffusa;~~ pollicares, semiteretes;
foliosus triquetris ma ~~les~~ les plerumque septem, longiores bi- ~~ter~~ ter ~~partiales~~ partiales triradiata, radii brevissimi horizontalis. Spiculae pluri-
mae pro ~~ter~~ ter pollicares, si crassitate filii grossioris, plurimi, pri-
mo ~~mo~~ mo patenter demum reflecto, sedem flores, acuto. Valvulae
oblongae, obtusae, parum distantes, dorso virides, substriatae, lateris
lucidae, purpureae, hinc ~~quae~~ quae ~~si~~ si ~~alternatim~~ alternatim rubro viridique

Habitat in America meridionali v. Barb, Ryan;
in Montserrat Ryan.

maculata apparat.
Umbella interdum simplex, radiis paucis brevibus

Sphaerolobus & *Culma* triquetra umbella simplicissima, fructu lineari
alternis compressis, flosculis margine sphaerolobis Rottb. gran. p. 26.
Habitat in Surinamo

~~non vidi~~ in mea planta Rottb.

Crocus

129

Cyperus spiculis teretibus globoso capitatis, umbella involucri subpen-
taphyllo breviora, una bella longiore

P. Quertonico?

Habitat in ~~Italia~~ Ex herbis suspiciis

Radix repens, penna columbina crassior. Culmi pedales, difforones
acule angulati. Stola radicalis, tripollicaris, rigidiuscula, margine
scabra fl. viridi, flavescens. Involucrum subpentaphyllum sum-
bella longiore. Ochrea transversim truncata. Umbella ^{simplex} pen-
tem radiata: radii capilla res; longior pollicaris. Spicula conferta ^{42. magis} in capi-
tulum, piceo panim, nigres; lineam longa, quodsi-dest flord flavescens-
ferruginea: valvula oblonga, acuta.

alternifolius C. ulmo triquetris nuda apice alternatim foliis pedunculis latera
libus proleferis Lin. Mant. 20. f. v. pag 98.

Gramen flexatile geniculatum, panicula foliacea Virginianum
Mant. hist. 3. p. 103. f. 7. 8. 9. 10. 11. 12.

Habitat in Virginia Madagascari

Calamus erectus sesquipedalis basi Eraspitri penno cygneo
inferne fictus vaginae ^{plurimi} fratis. Folia non in meo non ad sunt
involucris pedunculis ^{plurimi} superne alterni, approximati
palmari et ultra filiformes. folium ad basi fraguli,
lineare lanceolatum, plana, pedunculo longior. Pedun-
culi pariales alterni frequentes, conferti basi squama subiri-
lota. Spicula lineari-lanceolata compressa pappi umbellato
5-7. unguiculari acuta squama lanceolata acuta

~~flabelli formis~~ ~~descripta~~ ~~an~~ ~~in~~ ~~floribus~~
~~plurima~~ ~~hoi~~ ~~plurima~~ flabelliformis Roth.
~~et~~ ~~plurima~~

Congestus ~~reflexus~~ 128

-Subglobosus

congestissimus reflexus

Cyperus spicis capitato ~~subglob~~ spiculis reflexis subulatis ~~rectis~~
~~involucro triphyllis~~ ~~obtus~~ Ligula ochracea ~~tridentata~~, involucri triphyllis.
Cyperus ligularis

Habitat in Cap. b. spici 74

Culmus bi-tripedalis, basi foliosus acuta trigonus, basi foliosus -
Folia culmo breviora, unguem lata, extorsum margine scabra.

Involucrum subtriphyllo, structura foliorum foliorum, duo umbella

^{le} Hypochaeris longiora: # Umbella ^{compressa} ~~quadrifida~~ radii quatuor longior tri-
luna vel monophyllum pollicari; ² partialis biradiata radii sessilibus; Capitula mag
Belocum spicis nitidius ovatis axillaris juglandis. Spicula reflexa, semi-poli-
capitula brevia.

caes circiter pedicem, antisima, radices inferiores reflexa

Dichaea trina catuae. duodecimiflora: valvula oblonga, obtus, concava, et nata
viridis, apice purpureo-estivo

Affinis antea est; involucrum foliolo et radiis umbella pauciores

Capitula triplo spicula quadriplo longiora et radiis umbella pauciores
Thunbergii?

verte

molester Cyp. culmo triquetro nudo, umbella involucri longiore, radii numerosi
simi, spiculis minimis proleseni La Mart. P. Enc. pag. 147
Habitat in Insula Formica

affinis antecedenti, at diversius: Culmo inde ad basin acutangulo, Invo-
lucris foliolorum radiisque umbellae paucioribus, Capitulis triplo ma-
ioribus, spiculis duplo longioribus. Anne huic pertinet C.
ligularis Trunbergii? -

modo ramificationes umbellulorum alterni confertis binis: spiculis magis distinctis;

a 8. congesto spicis oblongis confertis binis: spiculis triplo longioribus.

~~retroflexis~~
ligularis, Cyperus spicis oblongis retrosum imbricatis, spiculis subulatis flexuosis,
flexuosis ut ~~ligula ochrea sum bifida~~, involuelli pentaphyllis longitudine
130 ^{umbellulæ} Cyperus maximus; panicula minus sparsa ferruginea, capitulis compactis

crassioribus Sloan. cat. hist. 1. p. 36 t. 9.

Cyperus major ^{sub}triqueter paniculis oblongis & striatis Brown. f. Jam. 120.
n. 6.

Cyperus ligularis; culmo triquetro, umbella & spiculis capitatis & sessilibus,
involuelli longis & imis serrato-asperis Lin. am. acad. 5. p. 391. Rottb. gram.
35. t. 11. f. 2.

Habitat in Caribæis West & Elementa meridionali v. Rottb.

Culmus tripedalis, basi crassitie penne Cygneo, acute trigonus, crassitie penne inferne foliosus, ^{opere ferrugineo} folia culmo breviora, interdum semipollicem
lata, margine scabra. Involuenum subpentaphyllum: foliola plurima
umbella longiora, intus interiora breviora, & structura foliorum: involuella
pentaphylla: foliola nemulla plurima longitudine umbellula. Ochrea
bifida oblique hianter, terminat desinente in laciniam lanceolata, bifidam
partialis ~~est~~ truncatae, bidentata. Umbellæ radii circiter decem vel duode-
cim, longiores spithamæ: partiales septem- octo, longiores bi- patentis bi-

Composita,

125

verba

9. se reflexi,
 mi, longiores pollicares. Spicis pollicares, undique imbricatis, Spicula numerosa,
semianquilaris, sexflora, virides, primis patentibus, demum sensim reflexis, angustissimis,
obtusis, convexis, striatis, interdum latera unius purpureo alba et virides
^{obtusis alternatis}

Varii Cyperei sub nomine ligularis accipi (quos tamen species esse diversos.

V. ligularis
 vid.

Supra descriptum ille est qui mihi videtur a reliquis maxime quadrare cum
 descriptione C. ligularis in Linnæi amoenitatibus, qui secundum Linnæum
 l. c. habet spicas plures pedicellatas et ex capitula a spiculis subulatis sex
 floris congestas. Variat magnitudine, umbellæ in volucri folioli et radii umbella
 paucioribus; hujus radices tuberosas, oblique stoloniferas, tuberculis
 globosis, pino. ~~Duple. vel triple majoribus~~

Hunc et sequentes et plerimos alios sub nomine Cyperei ligularis accipi, qui tamen
meo iudicio a Linnæi specie differunt. Varietas datur spiculis paucio-
ribus.

Cyperei ligularis; culmo in quatuor umbelle spiculis capitatis oblongis sex
 floris, in volucri longioribus; mic. serrato caryops. Lin. Am. acc. 5. p. 391. Rost.

Cyperei
 ligularis

137

Corymbis ovatis fasciculatis

purpurascens 155

Cyperus Spiculis linearibus - subulatis convexiusculis, umbellulae radii longiora fasciculati, involucri longisimo & scaberrimo.

Habitat in insula St. Croix West. I.

Culmus altus, acule trigonus. ^{semijollidior} folia ~~unquam~~ lato, margine carinata & scabra. Involucrum pentaphyllum, foliola omnia praeter unicum umbellula longiora, unicum sesquipedale, unquam latum, margine carinatae & scaberrima: ~~per~~ partiale nullum nisi squamula minuta ad basin radiorum. Ochreae bidentatae. Umbellulae radii subdecem,

11 Decemposita.

longioris fere Spithamei: partiales sex-septem, brevissimi, filiformes ^{contracti in capitulum} ~~longior~~ ^{latior} mei, ~~longior~~ ^{latior} ~~appropinquati~~ ^{longior} filiformes, ~~longior~~ ^{latior} spiculae confertae, circiter decem, lineae unguiculares, distichae, lineari, subulatae, convexiusculo, per quatuordecim flores, per purpurascentes: valvulae lanceolatae, acutae, versus dorso concavae, versus dorsum striatae, basi pallidiores, carina vix videri.

Tenuiflorus C. Culmo ~~triquetro~~ foliis linearibus, umbella decompofita
pediculis linearibus, aculeis angustifloris Rothb. gram. p. 30. tab.

14. fig. 1.

Habitat.

cyrtus

non vid.

Squarrosus C. Culmo triquetro nudo, umbella foliosa conglomerata, spicis striatis

Squarrosus Lin. l. V. pag. 964 Lin. Am. acad. 4. p. 303 & Roll. gram.

noy. 25. t. 6. fig. 134

Gramen Cyperoides maderopotanicum minimum sp. homi-
nanculi cum anthesis Pluken. amalt. 114. t. 397. fig. 2

Habitat in Asia

Offerv.

Gramen hoc loco

descriptum est

Wieson. Cyperis
montanus qui

credit Cyperis pyg-
maeum Brotbollii est

Squarrosus Lin.

Culmi plures digitales. Foliiformes basi vagini foliorum
texti. Folia ~~altitudinis~~ ^{altitudo} culmi ^{altitudo} carinata lora glabra
lineari. involucrium 4 phyllum raro 3 aut 5: alternis
foliis brevioribus, culmo longiori simillima folium culmi
orbis brevissima mutica umbella bi-3 fida ^{transverse sed in} umbella
intermedia sespiti, laterales 2-3. interdum brevissima, sub
sespiti, nuda, interdum pedunculis divaricati longiora
dine umbellula tentaculi. Spicis plurimo lineares
acutis, striatis, ^{viris pinguiculis} ~~conferti~~ ^{flexuato} ~~conferti~~ ^{flexuato} squarrosi
attenuato apice reflexo patula, lora virides margini
pallide ferruginea

Spiculi fasciculati lineari

umbella ~~composita~~

133
Fr. 130

Cyperus species corymbosis, spiculis linearibus valvulis subidentibus elevatis obtusissimis, fructiferis patentibus, umbellis laxis.

Gramen Cyperoides India orientalis clivis, panicula sparsa pallescens
Cyperus Ruhn. alm 179. t. 191. f. 7.

panicoides; culmo triquetrum *Cyperus maderaspatanus*, paniculis 3emer *Santonii* emulans *Pats* serie bella decomposita Scheuchz. gram. 90. t. 9. f. 2. junior

triphylla, spiculis *Cyperus Borneensis*, Lemonii panicula Brown. in Act. Lond. linearibus, Scheuchz. gram. 392. t. 9. f. 4. Sultor floribus alternis

remoti obtusissimi *Cyperus* India, culmo triquetro seminudo, umbella foliosa decomposita, valvulis Camaschta, spiculis alternis granis distinctis Lin. spec. pl. 67. Rottb. gram. illustr. 1. p. 145. 46

Cyperus *Santonii*; paniculis sessilibus et pedunculatis; spiculis linearibus; involucris; involucribus; flosculis alternis remotis obtusissimis Rottb. gram 41. t. 9. f. 1.

longis, reflexis: # Habitat in India orientali, China umbella composita, Culmo pedalis, debili Sultor, laxus, acutis angulatis, basi foliis. Solia ramulis ab ipso Culmo breviora, flaccida, casti linearis, extus unum margine plia basi flaccidis; spicillis patentibus; floris, oblongis, septemfloris nullum nisi squamaceo petalis. Ochreae compressae, obtusae, mucronato mucronis. fl. var. Amont p. 27

umbellatus ¹³⁵ ~~140~~ Cyperus spicis compositis, spiculis linearibus, umbellae radiis
longioribus involucri diphylo longioribus

Cyperus umbellatus; Culmo triquetro nudo, umbella diphylla,
pedunculis longissimis spicatis Burm. ind. 21. t. 9. f. 1

Habitat in India orientali

Folia longitudine culmi ^{Involucria setacea}. Umbellae radii circiter septem.

umbriatus

Cyperus

Cyperus imbricatus; culmo triquetro nudo, umbella decomposita,
umbellulae lanam radiis imbricatis, involucri hexaphylli foliis tribus
longis & imis, tribus brevibus & imis Retz. obs. 5. p. 12.

Habitat Tranquebariae

Folia radicalia. Involucri foliola tria longiora pedalia pedu-

~~Scrophulariaceae~~
~~Scrophulariaceae~~
bedius

~~Culmo nudo ~~triginta~~ umbella simplicis specis copiosissimi
con foliis patentissimis lanceolatis squamis ovatis striatis Involu-
cro de triplicibus longis fimo dependente
Habitata in Caribaeis Martfeld~~

~~Culmus altus lani involucri duo foliola pedale
duo palea subpitha me dependente. Radii umbella
plures breves apice spingeri proter umbella centrali
specis copiosissimo fusio fere ut fere umbella pollicis
capitulum multilobatum representat, fusio fongi
neo fere pollicari multifloro. Ligamo obtuso~~

Dwarf a Rothboll: t. 11. fig. 3.

138¹⁴⁰
Elymus ~~144~~

^{distichis}
Cyperus, spicis imbricatis, spiculis subulatis 4

Cyperus elatus; Culmo triquetro nudo, umbella foliosa supradecim
nosta, spicis digitalibus imbricatis, spiculis subulatis Len. am. acad.

4. p. 301.

Habitat in India orientali

Gramen magnum. Involucrum universale polyphyllum, longissi-
mum: partiale spicis brevius. Spica sessilis non modo ad um-
bellas partiales ac proprias universales, sed et ad proprias et
partiales, longitudine digiti, ferrugineae, imbricatae ex spiculis tenens,
subulatis, distichis. Len. l. c.

Mihi ignotus, Cyperus enim ex India sub nomine elati missus a
diplante distinguere nequeo.

Cyrtopogon

~~confertus~~ *Cyperus culmo Inaequali foliis umbella decomposita conferta*
foliis spiculis tenuibus acutis alternis La Mart. P. Enc. pag.
(45) *C. confertus*
Habitat in India orientali

Cyperus santosii ~~Robt.~~ *panicoides La Martii esse videtur*
nihil ignotum

139 144
pedunculatus 144

Cyperus speciosus compositus, spiculis subulatis distichis, umbellulis
involucello bravionibus, ochreis bianistatis, culmo acutangulo.

Cyperus culmo triquetro nudo, umbella duplicata foliosa radia
culmi propriis distiche spicatis Rayen. Longb. 50. n. 6. ? Gron.
virg. 131

Cyperus virginianus, panicula sparsa speciosa. Herbarium
Saillantii

Habitat in Virginia. Ex herbario horti parisi

In volucrum subpentaphyllum, patens: foliola marginis
subnervosa, quin que plenum que umbella longiora, lineas

duas lata: partiale subtetraphyllum, foliola linearis subulata
umbellata longiora. umbella subdecomposita; radia circiter
octo, longiores pollidares, patentes, apicem et versus altero latere

carinatae: partiales breves, quinque, alterni, ultimi gemini,
vel solitariae vel nullae. Spiculae in ta subulatae, circiter

triginta duae, vix semiunguiculares, teretes, et flavae,
acutae, viridi flavescentes: valvulae lineares, acutae.

A sequente differt, praeter alio: culmo teniore, vix craspe
tie peronae columbinae in volucris radia que umbellae minus
rigidis; umbellae universalis radia paucioribus, patentioribus,

Spicae vix polli
cares

breuioribus; partialis breuis simis; & pedis vix pollicariibus, paucis, basi pe-
dicello uno alterove auctis.

~~Plurimi Cypar, tam ex India orientali, quam occidentali saepius adiepi
obtinui sub nomine Cyp. odorati, non semel
mei facile dicta quis ex his C. odoratum genuinum Linnaei ~~ad~~ esset
Sed autem figura Sloanii t. 74. f. 1. ad Linnaeanam pertinet, quae C. odo-
ratum erit Cyp. n. ~~ideoque~~ Linnaei nomen illuc transtuli, cum non
in Edo a C. specioso ~~sele~~ giganteo nostro, sed et a giganteo plane recedit
figura Sloanii. Gronovii synonymum sub hinc reuocari quoniam
nullum Cyparum a Virginia vidi, ^{qui} quadam affinitatem habet, in
his, cum odorato, num vero Royenii ~~de~~ hinc spectat, in suspensum ordi-
no.~~

Tam ex orientali quam occidentali India diceretur sub nomine odorati accepit Cyparum
ex his vero genuinum distinguere C. odoratum Linnaei difficile erit, credidi ta-
men figuram Sloanii t. 74. f. 1. ad C. odoratum Linnaei ^{Linnaei} pertinere, ideoque eius no-
men illuc transtuli, praecipue cum dicta figura a C. giganteo & specioso
nostro plane differat. Cum nullum aliud a Virginia Cyparum, C. odorato affi-
nem, vidi, C. Gronovii huc ~~reue~~ collocari, num vero C. Royenii hinc pertinet, in su-
pensum relinquo.

giganteus 146
Validus 146
142

Spicis umbellatis,
Cyperus Spiculis pubulatis, umbellae umbelluligae involucri
in involucri ^{longioribus} aequantibus, ochreis bifidis, culmo obtusangulo.

Habitatio ~~Peru~~ ^{Peru} West, non Rohr e Surinamo?

Cyperus culmo tri-
quetro, nudo; umbel-
la supra delon-
posito, sesquipedali;
Spicis con-
fertis & imis, pubu-
latis. P. Hb. gram.
p 30. n. 49

Similis praecedenti, at: culmus apice saepe crassitie fere
digiti minimi, obtuse angulatus: involucri ^{longioribus} universaliter
foliola octo-decem, umbellam aequantia, uti et involu-
celli foliola quina umbellam longitudine umbellulae:
umbella maxima, & decem radiata; radiis Spithameis:
partiales bipollicares, ^{omnes ex uno centro} ut minimae alternae, uti nec duae

Culmi altitudine ^{horas}, uti universales erecto-patentes. ^{#1} Laterum involucri
homini, folia radi: foliola, margine scabra, ^{umbellae radii trigonae 3-4.}
calva nulla. ^{Spicae bipollicares. Spiculae}
plurimae, & sparsae, decem florum, tenues, ~~calvae~~ ^{calvae} flavescentes,
tenues: valvulae oblongae.
Varia culmo parum teneriore, radiisque umbellae paucioribus

Papyrus ^{umbellatus} ~~speciosus~~ ^{distichus}
147. ~~Cyperus~~ ^{Cyperus} ~~speciosus~~ ^{speciosus} pedunculatus, spiculis varietim subulatis, ^{distichis} ~~per antispermis disti-~~
148. ~~chis~~, umbellulis involuclis longioribus, ^{ochreae baepe truncatae} culmo obtusangulo.

Papyrus ^{Papyrus}
Cyperus Syriaca et Siciliana Mant. Theatr. 333.

Cyperus enodis nudus, culmus e vaginis brevibus prodeuntibus, spiculis ~~tenacibus~~
tenacioribus Scheuchz. gram. 387. t. P. f. 14.

Cyperus omnium maximus Papyrus dicitur locustis minimis Mich. gen.
44. t. 14.

Cyperus Papyrus; culmo triquetro nudo, umbella involuclis longioribus,
involuclis tetraphyllis setaceis longioribus, spiculis tenacibus.

Lin. syst. veg. 99 Rottb. gram. 32.

Papyrus Brucei d. 5. p. 1. t. 1.

Habitat in fluvio Calabriae, Siciliae, Syriae, Aegypti, Madagascariae &

Glaucus. ~~Culmus~~ ^{haec baepe crassitie digiti intermedia} ~~crassitie digiti intermedia~~ ~~obtusitrigonus.~~ Involuclum in foliolo quatuor, praeter interiora, umbella lanceolata, basi ^{gemi} ~~baepe~~ pollicem ⁴⁻⁵ lata, margine laevia: ^{umbella} ~~partiale~~ ~~4~~ tetraphyllum, umbellula aultiore brevioribus, setaceis. Ochreae truncatae; ~~partialis~~ ~~oblique~~ ~~truncatae~~. Umbella ⁴ radii

Composita.

numerosi, saepe quadraginta, spithamei, filiformes: partialis tri-
bi-^{usque} radiata, brevis.

Spiculae fere a basi radii, ^{usque} distincti, ^{teretes} minima, sexflorae: valvulae concavae, lineares, verso

figura latens flavae
Aeternae, specimina a Madagascaria partibus ^{in toto, duplo vel triplo} omnibus (majora); involucri foliola ferruginea,

gemmae

vel soli

ariae

radii umbellae partialis saepe sesquipollicares, supra medium floriferi.

- exaltatus ⁴ Cyperus spicis laxis, spiculis linearibus subdistichis, umbellula terminali trifida, ochreae bianstatae
- # Cyperus canaliculatus; Culmo Cyperus longus maderaspatanus panicula referenda species triquetro canaliculata Petis mus. 55. n. 539. fide herbarii Vaillantii a Petivario lato, nudo umbellula ^{misibus}
- Decomposita, pedunculo Cyperus exaltatus; culmo triquetro basi monophyllo, umbella ^{supradecomposita polyphylla}; spiculis linearibus pedunculo longis Petis Retz. obs. 5. p. 11.
- Retz. obs. 6. p. 20. # Habitat in India orientali ad margines rivulorum in paludosis König, Röttler & ^{basi vaginatus,} Pulmus superne crassitie pennae an serinae, obtusae angulatae Folia bipedalia et ultra, inferna semipollicem longa, marginibus utroque serulato et abroam. Involucrum triphyl- lum, praeter minora interiora: Foliola umbella longiora, structura foliorum modo angustiora: partiale di- triphyl- lum, angustis binum, umbellula breviora. Ochreae bifidae, lati nisi pollicaribus, pubulatae, marginibus serulatis. Umbella

143 ~~144~~ ^{erectis}
fastigiatus Cyperus spicis cylindricis imbricatis, subfastigiatis, spiculis teretibus.

Cyperus imbricatus; culmo triquetro nudo, umbella decomposita, radiis imbricatis involucri herba
longis & imis filiformibus subquinquefidis, spicis plurimis linearibus
& parvis. Rothb. gram. 32. t. 7. f. 2.

Cyperus fastigiatus; culmo triquetro cubitali, basi folioso; umbella
foliosa, dense umbellifera; spicis cylindricis: spiculis utrinque
conversis flavidis Rothb. descr. p. 14.

Cyperus fastigiatus; culmo triquetro cubitali, basi folioso; umbella
foliosa, dense umbellifera; spicis cylindricis: spiculis utrinque
conversis flavidis Rothb. descr. p. 14.
Habitat in Aegypto Barthol. in India orientali Rottler. 24
longis & imis, tribus. Species specios Culmus cubitalis, acutangulus, radice rob. Ino
brevi & imis Peltz lucis folioli tria longissima folia pollicem lata, extorsum mar
gine carinaque scabra. Involucri foliola tria longissima:
foliolo unico bipedale, pollicem lato; supra trinervia, marginis,
nervi carinaque scabra & denticulis ferrugineis: partiale triphyll
lum: foliola subulata, umbellula breviora. Uthrae semipollicariae,
oblique truncatae, integrae, obtusae. Umbella maxima pedalis,
septem vel octo radiata: radii triquetri, laxi: partiales octo, brevi
simi, di-Tri & tachi. Spicae interdum longitudine digiti mi
mi, penna columbina parum crassiores, late imbricatae.

*Spiculae numerosae, ^{confertissimae} ~~six~~ ~~six~~ semiunguiculares, decemflorae, acutae, flavae: val
vula oblongae, mucronatae, lateribus membranaceis, ~~ret striato~~
Species pulcherrima, a C. esca^{to} lento ^{ab antecedente} toto coelo diversa. ^{ab} Egyptiaci ab Indico
~~non~~ differt ~~in~~ colore glae viridiglaucio nec flavescente; culmo, foliis in
lucris que triplo ~~quadruplo~~ ^{quadruplo} angustioribus. In speciminibus Indiac
anguli culmi superne ferrugineo-denticulato-scabri, an ^{ita} semper?
Cyperus imbricatus Retzii, haud pertinere videtur*

144. 146
Alopecuroides 150 Cyperus ^{sub} spicis ^{patentibus} sessilibus digitatis imbricatis ter tribus spiculis que
ovato-oblongis, ^{patentibus} subtriphallo

Cyperus maderaspatensis maximus panicula eristata panicula
eristata contractiore Petr. no 55. n. 591. fide herbarii Vaillan
ti qui eum a Petiverio verosimile habuit

Cyperus alopecuroides; culmo triquetro, umbella supra decem
bita, spicis digitatis oblongis, spiculis confertis sumis imbricatis
erectis Rottb. prox. Gram. 30. t. O. f. 2.

Habitat in Arabia Torshal, in India orientali Rottler &

Culmus crassitie penna anserina, acuta angulatus. Solia semi
pollicem lata, marginis scabra. Involucrum ^{sub} triphyllum;
foliola una quem lata, duo umbella longiora: partiale triphyllum
umbella brevis. Ochrea lamina bifida. Umbello radii septem
- octo, longiores spitha moi.: partialis tri-septem radiata.

Alutra

ovato-oblonga

Spica tres-quinque, spithares-vel bi-spithares, interdum
crassitie digiti minimi, oblonga vel cylindrica, obtus.

Spicula numero 8, conferta, ^{169 imbr.} primum erecta, dein patente
duo lineas longa, ^{20-25 flora} ovato-oblonga, acuta: valvula ovata subt.
30 mucronata, concava, de persim decidua.

150.

145-46
biceps 151

Species ~~terribilis~~ ^{compositis} ~~terminalibus~~ ^{linearibus}
Cyperus spiculis confertis ~~sumis~~, capitatis valvulis oblongis acuminatis,
umbella subnervi radiata, involucri ~~is pentaphyllis~~ ^{is pentaphyllis} scabra culmo obtus angulo.
Habitat Galan. Ex herbario ~~Fuspio~~ ^{aei}.

Culmus pedalis, ~~attuse~~ vel brevior, obtuse trigonus. Folia radicalia,
rigida. Folia radicalia, copiosa, altitudine culmi, linearia. Inno-
lucina foliola quinque, umbella triplo ~~vel~~ ^{vel} quadruplo longiora. Capitu-
lum ^{sub} sessile, nucis ~~Feylandis~~ ^{Feylandis} majoris, compositum e plurimis minori-
bus; pedunculatum duplo minus: radius longitudine capituli contra-
tus. Spicula numerosis ~~sumis~~, semipollicares, ~~is acuminibus~~ ^{is acuminibus} valvulis
laevibus ~~potentibus~~ ^{potentibus} quasi ciliatis, triginta sex - quadraginta floris, obtusiusculis
plures ~~exterioribus~~ ^{exterioribus}: valvulae acuminatae, acumine petulo.

* alterum

* alterum

Sta. 369.

An radii plures et longiores in specimenibus perfectioribus? ~~affinis~~
~~est sequenti; et deventi~~