

Scirpus

117. Scirpus. - graves paleas, indique imbricatis. Cor. 0. Sem. imberbe, trigone.  
trim.

Spica unica

pro herbis

Scirpus palustris  
fluctans

descript. deficientes 25, 26, 50, 70. huius forte Sc. ferrugineus et hirtellus - Ecl. 2.

~~Scirpus Capparum~~ Scirpus capitulosus squamis serratis  
Scirpella contra Runk. ad Cyren

Scit. prima Spica terminal. et vol. nullus  
culmi caespitosi, folia nulla nisi  
culmi steriles excepto Scirp. fluit.

~~Scirpus polytachis~~

+ ~~Scirpus sessilibus latifolius~~

Scirpus

25.

~~Scirpus~~ <sup>apophyllo</sup> ~~latifolius~~, Culmo ae quali monophyllo  
Guineae maderaspatensis minoris Retz. in act. bot. lond 2 p. 1253. fide herbari Vail  
~~Scirpus~~ <sup>Scirpus</sup> ~~supinus~~ minimus, capitulis conglomeratis, foliis rotundo tereti  
bus. Tournef. inst. r. herb. 520.

# Schoenus jun

Cens. Culmo

tereti pubundo,

umbella sessili

lateralis ~~Wied. phyt.~~

Wied. phyt. 1

po 2. n. g. t. 1. g. 4

Scirpus supinus; Culmo tereti nudo, spicis sessilibus in medio culmo  
glomeratis Lin. Syst. veg. 101. Roth. fl. germ 2. p. 50

Scirpus <sup>afri</sup> latiflorus; Culmis triquetris nudis, spicis subternis la-  
teralibus, involucris monophyllo. Retz. ob. 4. p. 12. et 5. p. 16.

Habitatio Europa, in India orientali König, in Guinea ~~Retz~~  
in Aegypto Desfontaine

Culmi plures, palmaver vel pedales, monophylli. Folia breviter linearia, basi  
vagenantia. Involucrum monophyllum, longitudine spicularum. Spicae  
vel plus medium culmi vel altius, tres - novem, semiunguiculatae,  
~~oblongae~~ acutiusculae: squamae ovatae, acutae, cinnatae, lateri-  
bus confertim purpureo punctatae, canina virides. Stamina tria.  
Stylus trifidus. Semini transversim undulato <sup>per nigrosu</sup> ~~guttata~~, nigra. Se-  
tae nullae <sup>glu</sup>

Scirpus latiflorus Retz. vix specie differet, observo enim in speci-  
minibus Sc. supini robustioribus exsiccatis, culmum superne panam





anciens Scirpus culmo compresso nudo, umbellis decompositis involucrio

Triphylo longioribus

Habitat in Guinea forest

Culmus inferne folio unico vaginato, sesquipetalis, striatus, glaber, uti  
reliqua partes, ascendens. Folia radicalia, frequentia, radicalia, stri-  
ata, glauco viridia, culmo breviora. In involucrio Triphyllum, partiale  
nullum. Radii decem filiformes, compressi, inaequales, bipollicares;  
pedales 4-5. cum flore centrali sessili, 2-3 spicati, intermediis sessi-  
li. Speculo parvo oblongo, oblongo, paucifloro, acuto. Squama  
lanceolata, acuta, caninata. Stylus 3fidus. Semen ovatum, album,  
ope lentis tuberculatum. Stamina 2. an?

Quinomonotonus Compositus

48 ~~49~~ 50  
filamentosus #

Scirpus Capitulo terminati globo so, per squamias ovatis acutis, involucri  
diphylo, foliis setaceis, vaginis ore nudo

Habitat in Guinea Thonony

# antarctico

Affinis Sc. ~~setaceo~~. Culmi sesquipedales vel minores, setacei, trigoni. Folia  
setacea, culms breviora, caudati culmatis, superne margine scabra: vaginae  
dactylae margine filamentosae lucidae, minime ore barbatae, fuscas. Invo-  
lucris ~~diphyllis~~ <sup>foliolum</sup> ~~altaris~~ semipollicares capitulo longius, alterum  
brevius. Capitulum niso duplo majus. Spiculae <sup>ae</sup> plures, trifariam  
imbricatae, trigonae parvae, fuscis-nigris <sup>glaberrimae</sup> antheris per squamias ovatas, acutis,  
compressae, carinatae. Stylus trifidus. Setae nullae.

~~Scorpus~~

~~Habitat in numidia Lib. Ruth.~~

~~Caulmi plures, filiformes, semipedales. Spica 1. 2. ad apicem  
an glaucus~~

+

habeo

herpidulus ~~75~~ Serpis pilosus, spicis oblongis acutis, <sup>umbella radiata</sup> ~~umbella simplicia~~, <sup>culmo angulato</sup> ~~foliis~~  
betaceis

Habitat in Guinea Thonning

Radix fibrosa. Culmi plures, pedales vel minores, betacei, uti folia  
et involucria, vestiti pilis longis albidis patentibus. Folia betacea, culmo  
brevia, basi vaginantia, capillaria. Involucrum diphyllum, capit  
lare, foliolum unicum umbella longiore semipollicari. Umbella

# margina scabrum <sup>in part</sup> interdum bisradiata, vel uni-bisradiata, interdum spicula  
solitaria absque radio laterali. Spiculae oblongae, semine tritici  
duplo minores: squamae <sup>acutae</sup> ovatae, fusco-nigrescentes, carinatae,  
lucina viridi, striata. Stamina tria. Stylus virfidus. Semen trigonum  
transversam undulato rugosum



validus

Cyperus spiculis subulatis, umbellae radiis elongatis umbellulaeque involucri aequantibus involucriellisque aequantibus, octocae bifidae  
Culmo acutangulo.  
Habitat in Porto rico West. 7

Culmus apice saepe crassitie fere digiti minimi. Involucrum octo-decaphyllum, margine scabrum: partialia pentaphyllum

72 #4  
obtusifolius <sup>3</sup> ~~glaucescens glomeratus glomeratis~~ Scirpus spicis oblongis congestis, in volucrio subtriphyllis,  
umbella composita breviora, foliis linearibus obtusis rigidis  
Scirpus obtusifolius; culmo nudo, umbella parva subcom-  
posita, foliis brevibus angustis glaucis obtusis Lamarck. Illustr.

l. p. 141.

Habitat in India orientali, in Guinea Thomsony &

Radices filiformes fibrosae. Culmi plures, pedales, apice  
trigoni, sulcati, basi e foliorum rudimentis copiosis & imis  
fuscis bulbosi. Volia radicalia, frequent copiosa, Tripolli-  
canâ vel minore, canaliculata, margine vix scabro,  
apice saepe 3-phacelata, glauca. Involucri foliola  
subulata, <sup>rigida</sup> vix unguiculata: partiale <sup>diaphyllum</sup> nullum. Um-  
bellae radii tres - quinque, vix pollicares, rigidi: partia-  
lis tres - quatuor. Spicae tres - sex, sessiles in apice radicum  
parvae: squamae oblongae obtusae, caninatae, margine albi-  
da membranaceae. Stylus trifidus, basi in crassatus. Setae  
nullae.

obtusifolius Siquis culmo nudo, cymbella parva subsimplici, foliis  
brevibus angustis glaucis obtusis La Mart. T. Enc. pag 141  
Habitat in India  
Speculo ovato, parvo.

Antarcticus ~~47~~ <sup>8</sup> Scirpus capitulo terminali <sup>squamis mucronatis</sup> globoso, involucri subdiphylla brevi, foliis  
capillaribus, vaginis ore barbato vaginis ore barbato  
Fucus maderaspatensis capitatus major Petiv. in Act. Lond. a 282. p 1261.  
fide herbarie Vaillantii

Gramen juncaum parvum superum & holoteum strictis seminibus et hispatis  
foliis maderaspatanum Pluker. alm 179. t. 299. p. 3.

Scirpus parvi maderaspatanus, capitulo glomerato fusco Schaeckz. gram.

370

Scirpus antarcticus; Culmo triquetro nudo, capitulo globoso, involucri  
monophyllo Les. mant. 181.

Scirpus barbatus; Culmo triquetro; vaginis suboppositis; ora superiori  
barbato; capitulo terminali, subrotundo, polystachyo Rottb. gram.  
52. t. 17. f. 4.

Scirpi antarcticus; Culmo capillari, capitulo fasciculato rotundato,  
glumis glabris, involucri monophyllo Thunb. prodr. 17.

Habitat in Cap. b. spei, in India orientali Ninij, in qua Guinea Frax.  
et Thoring 2.

Culmi cespiciosissimi, digitales, epithamaci vel pedales, setacei, virginis,  
glabri. Sola culmo longiora vel breviora, capillaria, <sup>inferne</sup> canaliculata, <sup>ore</sup>  
extus teretia: vaginæ flavæ vel fusco ferrugineæ, apice barbatae <sup>vel</sup> ultra  
que for barbatae. Involucrum mono-tetraphyllum, capitulo longius.



Spica oblonga subdiflora Culmo monostachyo  
~~apiculata~~  
pygmaeus | Sirpus Culmo subangulato setiformi, ~~Spica subuniflora~~ <sup>oblonga</sup>

Sirpus pygmaeus; Culmo setiformi nudo subangulato, Spica  
terminali nuda subuniflora Lamarck illustr. 1. p. 139

Habitat in India orientali. Ex herbario Lamarckii

Culmi vix longitudine digiti minimi. Vaginae purpureae. Spicae  
Calycinae lanceolatae, purpureae, margine & carinae. Squamae

boobothryon S. culmo tereti striato nudo basi vaginato, spica terminali pauciflora  
bivalvi: valvis ovatis spica breviter marginata sic anopsi Lsa Eck. in her. Saxe  
pag. 103

Scirpus cespitosus fl. Dan tab 167. secundum v. Rohr

~~Habitat~~

Scirpus nuncius Capitula squamosa brevia et crispae fusca. Schenck.

accidens Peyssonii Gram. tab 7. fig. 21.

auctor: herbari  
Sentenati

Scirpus pauciflorus culmo striato nudo, spica terminali pauciflora  
bivalvi calycini longiora ~~flora~~ fl. scot. app. pag 1070.

Habitat in paludibus Europae

fl. Dan 167. multicaulis Louthes

non vid.

caespitosus 2

Squamis infimis spicam aequantibus <sup>teretibus</sup> ~~teretibus~~ <sup>vaginae oris</sup> ~~teretibus~~,  
Scirpus aphyllus, Culmo striato, spica <sup>val</sup> ~~val~~ <sup>duabus</sup> ~~duabus~~  
infimis spicam aequantibus, radicibus squamula interstinctis.

Gramen junceum cum foliis et spica junce minus Bauh. Theatr.

74.

Fundus parvus montanus cum parvis capitulis luteis Bauh.

hist. 2. p. 523.

Scirpus montanus, capitulo breviora Scheuch. gram 363. t. 7. f. 10

Scirpus caespitosus; Culmo striato nudo, spica bivalvi terminali  
longitudine calycis, radicibus squamula interstinctis Lin Syst.

sey. 100. Polluch. pal. n. 44.

Habitat in Europae paludibus caespitosis sylvaticis 2

Culmi terrosissimi, digitales vel altiores. Vagina obliqua truncata,  
interstincta squamis plurimis, ter ovato-lanceolatis, nem brassicae pallide  
nervosae, pallide fuscis. Spica parva, pauciflora, nuda. Squa-  
mae duae infimae longitudine spicae. Semen et seta minute.



actojimus. Umbella multigradata triphylla involuellis nullis pedis  
aeternis feli formibus remoto, squamis linearibus obtusis  
Habitat in Ceylona ex herb. Thunbergii

Culmus saepe altitudine hominis. adute triquetris angulis com-  
pressis exstantibus. An involucri foliola terna tenui-  
querata pedalia margine carinaeque serrulata. Um-  
bella gradata proter centralis <sup>radialis</sup> involucri subpithamei feli-  
formibus lateri inaequalibus. Dichrois tertia truncata. Radi-  
alia tres inferiores umbellata reliqua alterna inferioris  
composita superiores simplicis spicae fere saepe pollicares.  
remoto altero subpedicellato filiforme compresso siculo  
involucella nulla nisi squamula tubulosa ad basin  
pedicellorum squamis linearibus obtusis argutis ferrugineis  
tortis

in ditantia varietas

~~aphyllus~~, 8quamis duabus infimis <sup>sub</sup>aequalibus & spica brevioribus;  
pumilus 3 Scirpus (Culmibus tetragonis & setaceis, vaginæ aristatis, & spica subglobosa ~~stigmatis~~  
duabus infimis sublongioribus & aequalibus & spica subbrevioribus  
Habitat in Helvetia Colmann 4

Radix fibrosa. Culmi caespitosis bipollicares. Vaginae in aristam semicircularem subfo-  
liaceam desinentes, 8quamis non interstinctis. Squamae calycinae spica

4 Stylus basi tri-quadri-flora <sup>obtusus</sup> squamae ovatae, acutae, nitidae. Semen <sup>longum</sup> ~~obovatum~~,  
<sup>aequalit</sup> ~~obovatum~~ <sup>obtusum</sup> (trigonum), laeve. Setae nullae

palustris L. Calma Vereti nido, spica subovata terminali Lin LV fl. Dan.

tab. 273.

Huncus palustris, capitulo equiseti major. Bauh. pin. 12

Rispi equiseti capitulo majore Scheuchz. gram. 360

Huncellus Cyperoides capitulo simplicii Loez. presf. 131. T. 36

Habitat in Europa fessis inundatis, & <sup>caulis terribi basi vagans obli-</sup>  
<sup>articulata squamata</sup> Culmus sive pedalis, crassitie fere empoethi. <sup>spica oblonga umbra</sup>  
<sup>lojettiti</sup> & semiunquicilari squamis lanceolatis cernatis. Folia nulla  
nisi cauliculi caule breviora acuta

Campestris

21.  
5

<sup>apertus</sup>  
~~Culm~~ *Scirpus* ~~terrestris~~ <sup>mutata</sup> ~~solitarius~~, spica linearis,  
Squamis subaequalibus spicam subaequantibus, Culmisterris <sup>but</sup> ~~solitarius~~  
~~Clavatus~~ ~~mutatus~~  
*Scirpus* minimus spica breviora spadicosa Schaeuch. gram 364. 7. 7.

fr 19.

*Scirpus* campestris; Culmo striato nudo, spica terminali Calycem  
bivalvem vix superante, glumis Calycinis oblongis apice membrana  
cis obtusis subaequalibus Roth. catal. 1. p. 5.

Habitat in Ducatu Oldenburgensi et Bremensi &

Radix subbulbosa, stoloniifera. Culmi duo ad quatuor, saepe solitarii,  
unciales & biunciales, non nunquam incurvi. Vagina infima rubi-  
cunda, & sequis viridis obtusa, fere truncata. Spica plerumque tres lineas lon-  
ga, subquadriflora; floriifera linearis; fructiifera oblonga. Squamae ora  
sa oblongae, concauae, atropurpureae, margine apiceque albo-flavescent-  
es. Roth. l. c. Stylus tripidus. Setae ad basin geminis Roth. l. c.  
A Scirpo caespitoso differt: fibris radicum rufis, nec albis: Culmis  
tenuionibus, paucionibus, absque squamis inter vaginas; nec densissi-  
mis, caespitosis: Vaginis apice truncatis, nec multib; nec folii rudimen-  
to terminatis: Spica duplo fere angustiore et longiore: Squamis  
plerumque aequalibus, duplo longioribus, atropurpureis atropurpu-  
reis, flavo marginatis, apice nudis; nec semper inaequalibus, unido-  
loris, rudimento dilute brunneo, rudimento folii viridi apice auctis

venta



~~Maerthyon~~ 5 ~~Scirpus aphyllus~~ spica bivalvi, squamis inaequalibus  
ovatis obtusiusculis, altera majore spica duplo longiore  
breviore, culmistribus  
Scirpus minimus, capitulo squamoso breviora et crassiora fuscis Scheuch.

Gram 366. t. 7. f. 21.

Scirpus caule tereti, spica nuda pauciflora, glumis calycini longiore  
Hall. herb. n. 1335.

Scirpus pauciflorus; culmo striato nudo, spica terminali pauciflora  
salvis calycini longiore Lightf. fl. Scot. 1070.

# Roth. germ. 1. p. 21.  
2. p. 54

Scirpus Maerthyon; culmo tereti striato nudo basi vaginato, vagina  
truncata, spica terminali pauciflora bivalvi, valvulis ovatis spica  
brevioribus margine scariosis, ex variori breviori Lin. Suppl. 103. 44

Scirpus Halleri; foliis teretibus, culmi vagina truncata, spica  
terminali triflora, seminibus villis paucis circumvallatis Villars.  
Delph. 2. p. 108.

Scirpus Maerthyon culmo striato nudo, spica bivalvi, glumis calycini  
inaequalibus ovatis obtusiusculis membranaceis; altera majore  
spica duplo breviora Roth. Catalact. 1. p. 8.

Habitat in turfosis Sueciae, Daniae, Germaniae, Galliae, Angliae &  
Calmi <sup>reperitur</sup> Digitalis vel parum ultra. Vagina truncata Squamae nullae  
ad vaginas. Spica parva, subsexflora, fusca: gl. ~~et squamae~~ <sup>marginatae</sup> ~~et squamae~~ <sup>verte</sup>

~~flor. d.~~



~~apellatur~~ Spica ovata, squamis duabus infimis majoribus  
acicularis 6 Scirpus Culmas tetragonos & setosus, vagina <sup>truncata multica</sup>, spica ova  
ta, squamis duabus infimis majoribus

Funus in idlis siva Chamaeschaenus Bauh. Theatr. 183.

Funus cellus minimus, capitulis equisetti Pluken. alm 201. t. 40. f. 7.

Scirpus acicularis; Culmo tereti nudo & setiformi, spica ovata  
bisalvi, & seminibus raris Lin. Syst. veg. 100. Cl. Dan. 207. Pollit  
pala n. 45.

Habitat in Europa & sub aquis perionibus 7

4 quinque - 7 et flora  
Pulmi <sup>plures</sup> pol' bi - tri pollicares, ante vaginati. Spica peristigma, acuta  
sive lineam longo, interdum minor, <sup>4 acuta,</sup> ~~spicae fusca~~. Squamis duae  
in firmas & saepe longitudine spicae, interdum dimidio breviores, ovatae  
acutae. Semen obovatum, apice tuberculatum. Setae nullae  
setae nulla



fluitans l. Culmi verticibus nudis alternis, caule folioso flaccido Len. l. v.

Funellus capitulis equiseti minor fluitans Bauh. pin. 12.  
prod. 23. theat. 107.

Gramen punicum laxatum minimum Ruk. alm. 106. v. 35. fig. 1.  
Mon. bot. 3. p. 230. f. 10. 10. fig. 31.

Scopus equiseti capitulo minori Scheuchz. gram. 365. v. 7. fig. 20

Habitat in Anglia, Gallia, Italia

Culmi longi supra nodos extersi glabri folia duo vel 3 ad genicula  
basi vaginantis, pollicaria, plana filiformia patent vaginam  
angustiora, patentissima. Scapus inter folia bipollicaris et  
ultra compressi monostachyi. Spica terminali oblonga parva  
squami duobus extensibus longitudine superata

an si. aciculans in vaginosis nodis se veniens ut. Funis  
articulatus.

Cernuus 7 ~~Spica ovato-oblonga~~ capillaribus  
Cipus ~~aphyllus, culmo angulato, & staccis, vaginis mucronatis, spica~~  
~~ovato-oblonga nutante.~~

Habitat in Lusitania Rathe &

Radix fibrosa. Culmi copiosissimi, caespitoni, pollicares. Vaginae sesqui pollicares.

# Squamis non  
interstinctis. Vaginae Culmo triplo breviores, in mucronem desinentes. # Spiculae  
ultra partem ultra lineam longa, multiflorae, obtusae, imbricatae.

Squamae ovatae, <sup>utraeque</sup> duae infimae reliquis parvis. <sup>coctens</sup> majores, acutae, reliquae obtusae, atro-purpureae, dorso linea viridi, & substriatae.  
Semen obovatum. Setae nullae.

capitatus <sup>1</sup> culmo tereti nudo setiformi, spica subglobosa terminali  
Len. 1. V.

Scirpus culmo setaceo nudo, spica subglobosa Gron. Voy. 12.

Habitat in Virginia

Scirpus canbaw. culmis fasciculatis, setaceis sulcatis triquetris  
spica minima ovata, terminali Rottb. Gram. pag. 46. Tab. 16.  
fig. 3. 2. secundum Lamark

Sloan. tab 75. fig. 2. huc pertinere videtur

non vidi nisi canbaw Rottb. est quamvis non creda

66 ~~68~~  
junciiformis 69 Scirpus spicis trigonis paucifloris sessilibus pedunculatis  
usque, ~~involucro~~ <sup>panicula</sup> diphylla, culmo filiformi subtrigono <sup>zono</sup> +  
Scirpus junciiformis; culmo nudo filiformi subtrigono,  
paniculae spiculis sessilibus pedunculatisque, involucro  
diphylla Retz. obs. 6. p. 19.

Habitat in China

Culmus pedalis, angulo tertio oblitterato ut fere subquadran-  
gularis. Folia radicalia, linearia culmo breviora linearia  
Involucrum panicula brevius. Panicula junciiformis  
sed brevior. Spicium squamae exteriores magis carinatae,  
inter quas stamen unicum duo, vel etiam pistillum tantum;  
interiores minus carinatae, hermaphrodito, staminibus  
tribus, stigma et stylo trifido, stigmatibus villosis Retz.  
l. c.

anomalus S. culmo torquato foliis, panicula terminali brevi, spiculis ovatis,  
fioribus corollatis infimis monandris, superioribus diandris Retz f. 5.

pag. 157

Habitatio India orientali

Culmus subhydatilis, ferris. Folia ad basin culmi, multa, longitudine culmi  
plana tri nervia, nuda inermea, pollicem dimidium lata; in culmo  
sua hinc similia, sed breviora, panicula sequi pollicis, pedun-  
culis brevibus semiteretibus, ciliato-fimbriis. involucrium, sub infi-  
mo pedunculo solum panicula quadruplo longius, ciliato-fimbriatum  
sub secundo hinc simile sed panicula vix longior, reliqua folia  
teretia breviora omnia ciliato-fimbriata. Pedunculi 2-3 flori  
pedicelli brevissimi, squamis 2-3 lanceolatis. Spicula ovata  
squamis imbricatis, obtusis. Flores superiores monandris, superiores  
diandris. Corolla 2 petala. Gluma aequali compressa canalicu-  
lata. Stylus simplex stigmata duo Retz

non vidi

Sylvestris Scirpus spicis oblongis congestis, umbella <sup>Corymbo</sup> supradecomposita, <sup>foliis</sup>

Culmo folioso trigono  
Cyperus gramineus miliaceus Ger. em. 30

Gramen cyperoides miliaceum Bauh. Theatr. 90

Gramen arundinaceum, foliis acutissimis, panicula multiplici,  
Cyperifolia Loes. prus. 119. t. 33

Scirpus sylvestris; culmo triquetro folioso, umbella foliacea,  
pedunculis nudis supradecompositis, spicis confertis Lin. Sp. 8  
veg. 102 St. Don. t. 307. Less fl. herb. n. 36. t. 1. f. 4.

radicans  $\beta$ . Scirpus radicans; culmo triquetro folioso, umbella foliacea,  
culmis sterilibus deflexis apice radicantibus. Retz. herb. in  
Ust. an. 4. p. 48. t. 1.

Habitat in Europae sylvis humantibus &

Culmi solitarii, <sup>cuque</sup> ~~trigoni~~. folia radicalia plura, caulina vagi =  
nastia, longiora, ungue  $\pi$  vel ultra lato, margine scabra.

Involucri foliola alterna, duo vel tria <sup>plura</sup> ~~longiora~~, reliqua  
sensim minor, Structura foliorum <sup>plura</sup> ~~longiora~~ <sup>plura</sup> ~~longiora~~ <sup>plura</sup> ~~longiora~~

universales et partiales & scabri. <sup>plura</sup> ~~longiora~~ <sup>plura</sup> ~~longiora~~ <sup>plura</sup> ~~longiora~~  
solitariae, ~~longiora~~; squamae oblongae, obtusae, fusco-virescentes.  
Stylis \* semina setis cineta.

# Corymbo

# Corymbi Pedunculi

*Symbrythia Scarpus*

Habitat in insulis volcanicis heth. Arch.

Palmis Ynguetar. Spica parva, fusca, oblonga, terminalis cum  
bractea

+

habes

aristata ~~66~~ ~~65~~ 64  
pilosa ~~66~~

Scirpus spicis ovatis squarroso echinatis, corymbo terminali  
diaphyllo <sup>sub</sup> fastigiato, culmo tereti folioso +

Scirpus pilosus; culmo tereti striato folioso, panicula terminali  
diaphylla subfastigiata, spiculis ovatis squarroso echinatis

Petr. obs. 6. p. 19.

Habitat in India orientali

Culmus epithamæus, tenuis, superne pilosus. Solum <sup>in medio</sup> ~~in~~ culmi  
unicum æque panem longius, ne uosum, supra et marginem pilosum

Involucrum foliolum inferius panicula quinque longius, superius  
basque longius; figura folii, utrinque vati pilosum. Pedunculi mono-

Distachii spicarum squamæ obovatae, tenuis, pellucidæ, striatæ, filo albido longitudine ipius squamæ terminatæ, facie

aristæ reflexæ, utrinque pilis albis quasi sepi in nata. Stamina tria  
fusca. Germentum trigonum, sepi cum; Stylus longitudine stami-  
num, trifidus. Retz. C. C.



junci formis s. culmo nudo filiformi subtrigono, panicula spiculis biplobris  
pedunculatisque, involucrio diphylo Retz. Obs. 6. p. 19.

Habitat in China

Folia radicalia linearia, longa, culmo breviora. Culmus pedalis, filiformis  
triquetus, angulo tertio obliuato, et fere subquadranularis

Panicula junci bufonis sed brevior. Involucrium 2 phyllis, panicula  
brevior. Spicula trigona, pauciflora. Squamae exteriores  
magis carnatae inter quas stamen 1. 2. vel etiam pistillum tantum  
interiores minus carnatae perimphrodito staminibus 3. Stigma  
et 3 villosa Retz.

non vidi



63 ~~64~~ <sup>radicellatis radicellatis corymbo</sup> <sup>foliis</sup>  
grosbus ~~64~~ Scirpus species ovata, umbella supradecomposita, involucri subdiphyll  
lo longis suis lanicolato, culmo triquetro  
Scirpus grosbus; Culmo triquetro nudo, umbella supradecomposita species  
radicellatis, involucri subdiphyll lanicolato subulato longissimo Lin  
Suppl. 104. Retz. obp. 5. p. 15.

Habitat in India orientalis lacubus, frequens Honig &

Culmi novem pedales, crassitie digiti, ~~triangulatis~~, basi foliosae. Involu-  
crum triphyllum, foliola duo majora, longius bipedale et ultra, basi semi-  
pollicem lata, sensim attenuata subulata, <sup>lanicata,</sup> margine & utraque par-  
tiale nullum, nisi squamae subulatae ad basin. Ochreae semipolli-  
cares truncatae. ~~Umbella majorum maximae supradecompositae, multae~~  
~~radicellatis, pedicellis radi radi pedicellis quinque serrulatae, radiis~~

# ~~Sanitula~~ Sanitula <sup>magis</sup> corymbosa ~~radicellatis~~. Spiculae solitariae, pappi nigro parum minores, fusco-  
supradecompositae, pappi  
diviculis canalicatis ferrugineae: squamae ovatae, mucronatae, virescentes. Stamina  
tria. Stylus trifidus. Semen subrotundum, altero latere planiusculum.  
Statae purpureae, retrorsum denticulatae, semine parum longiores.

61 ~~4~~  
maritimus: ~~61~~ Scirpus spicis oblongis cylindricisve, <sup>corymbo folioso composito</sup> ~~umbelle composita~~, culmo tri-  
gono

~~Cyperus~~ Frag

Gramen aquaticum Cyperoides vulgari Ger. em. 22.

~~Gramen Cyperoides aquaticum vulgare~~ Lob. ii. 20

Scirpus maritimus; Culmo triquetro, panicula longiloba foliacea,  
Spicularum squamis trifidis, intermedia subulata den.

β. Cyperus rotundus littoreus inodorus Lob. ii. 77. Monis. hist. Ger. emai 31  
Lob. ii. 77.

Cyperus rotundus littoreus inodorus Lob. ii. 77. Monis. hist. 3. p.  
S. P. T. 11. f. 8.

V. Cyperus panicula composita, e spicis teretibus, crassioribus composita  
Scheuchz. gram. 450

δ. Cyperus rotundus inodorus aquaticus septentrionalis Lob. ii. 77.

Cyperus rotundus inodorus Monis. hist. 3. p. S. P. T. 11. f. 9

ε. Gramen Cyperoides aquaticum vulgare Ger. Lob. ii. 20

Cyperus panicula sparsa spicis longioribus, tenuioribus, teretibus  
composita Scheuchz. gram 390. t. 9. f. 7. 8













~~Species~~  
Haec inter se maxima affinis differentia

Nal de pimitis antecedenti et in paucis distinctus nempe: crassitie fulmi,  
in volacro brevissimo; squamis pallidis, dorso pubescentibus; stylo bifido.

E. Ex parte Guncus Sloan. hist. 1. p. 122. n. 55

~~Abdus germanus et Abdo humilis~~  
mouch. neth. p. 349

~~Scopus conyctus~~

~~17. Roth germ. 1. p. 21. 11. p. 54. Zk. langroop 4. p. 155. f. 116~~

~~Scopus capiteus: f. sch. spuz: p. 60. Knoch. de sch. 1. n. 71. Hoffm.~~

~~f. o. f. 10. f. 34~~

~~quibus clauduntur, capitulis retundentibus. Hoffm. Knt. 3. p. 233.~~

~~quibus clauduntur. Hoffm. Knt. 3. p. 233.~~

~~eratus Scopus telma nuda subcompresso (alperum), fura orata for murale nuda~~

58 ~~59~~ <sup>aphyllis</sup> Equamis glabris & stylis trifidis. decomposita  
Lacustris ~~60~~ Scirpus, spicis oblongis, umbella composita, culmo tereti & stylis

Funus Rubra ad alt. 26 1.

Funus aquaticus maximus Lob. ic. 85.

Funus maximus 8. Scirpus major Bauh. theatr. 170

Scirpus palustris altissimus Scheuchz. 354

Scirpus lacustris; culmo tereti nudo, spicis ovatis pluribus pedunculatis terminalibus Lin. Syst. veg. 100. 8l. Dart. Pollut. pal. n. 46.

B. Funus sylvaticus Tabern. ic.

Funus sive Scirpus medius Bauh. theatr. 101

V. Funus palustris humilior Scheuchz. gram. 53-6

Ann. aquaticus major carinatus Pet. gaze

Funus aquaticus medius, caule carinato Prax. Syn. 420

Habitat in Europae aquis puris stagnantibus & fluvialibus &

Radix repens. Culmi quadranguli pedales, crassitie pennae  
anserinae, sursum attenuati, basi alternatim vaginati. <sup>limbo</sup> Tricolum  
in foliolum longius a culmo continuato, basi nodosum, umbella  
parum longior vel brevior, linearibus subulatum, basi dilatata inferne  
versus sensim dilatatum, margine membranaceo, alterum brevius

~~aphyllis~~

\* spathae formae

~~forte addendum phyllis~~



subternis oblongis subternis

Equarrosus

Equamis ovalis aristatis, aristis recurvatis.  
Spirpus species, terminalibus, squarrosus ~~Squamis~~ ~~Squamis~~, in  
involucro diphylo, culmotrigono.

Gramen Cyperoides orientale perpusillum, capitulis subrotundis, hispida  
plenum que gemello. ~~Van~~ ~~mallo~~ ~~codde~~ ~~Vanam~~ ~~all~~ ~~secodde~~  
Malabarorum Plukh. mant. 98. t. 35. o. f. 6

Gramen Cyperoides theusanense tricephalon, globulis ciliatis  
Plukh. almalth. 112.

Motta - pullu Rhedd. mal. 12. p. 72. t. 38

Spirpus chinensis; Culmo triquetro subnudo, species ternis sessili-  
bus terminalibus, involucro diphylo reflecto Osbeck. N. 220.

Spirpus squarrosus; Culmo triquetro nudo & etato, species ternis  
sessilibus ovalis squarrosis Lin. mant. 101.

Spirpus Culmo setaceo, triquetro; capitulis subternis, sessilibus,  
squarrosis; involucro diphylo, striato Koll. gram 49. t. 17.

Habitat in India orientali.

Glaucus. Culmi plures, bipollicares - semipedales, setacei, triquetri.  
Folia Culmo breviora, setacea; vaginae fuscae. Involucrum folio-  
rum unicum bipollicare, erectius; alterum patentius, minimum, semi-

Spirpus chinensis et sine Hypolegmi species

Spicae  
pollinace. Capitula solitaria, duo-va, sessilibus interdum quatuor, sessilibus, ab  
longa, obtusissima: squamae ~~obovatae, aristatae~~, <sup>perigon deciduae,</sup> ferruginae; aristae longitu-  
dine ipsius squamae. Styli duo breves, setae nullae.

Stamen unicum, rarius duo Rothb. l. c.

rarius omnino Hypolypti, tantummodo defectu corollae, <sup>et tuberculatum receptaculi</sup> distinctus. —



quadragulani Scorpis

Habitat in Carolina heb. Michx

habes eadem ac littoreus



polythrichoides 16. <sup>aplyllus</sup> Scaevola. Culmis subcompressis, spica oblonga subnitente, squamis or-  
tis carinatis mucronatis; Culmis subcompressis  
Gramen polytrichum Rumph. Amb. 6. p. 17. t. 7. 9. 1.  
Scirpus polythrichoides; culmis compressis petalatis, spicis terminalibus  
politatis subnitentibus monandris Retz. obs. 4. p. 11.

Habitat in pascuis depressis subidis Zeylonae König  
varies Sc. cespitosi. Culmi plures digitaliter vel palmares, basi vagi-  
nis vestiti, oblique truncatis. Folia potius culmi stantes. Squamae duae  
inferiores majores, spicula dimidio breviora. Stylus bifidus. Semen  
obovatum, subtrigonum. Petalae nullae

*Atropurpureus* Culmi setosis teretibus fasciculatis, spicis terminalibus ovatis  
setosis solitaneis, floribus monandris Retz. obs. 5. p. 144

Habitat in uliginosis India  
Culmi caprosi compressi digiti mini vel semipedales basi fragiles  
semigenae vestiti setis. Folia culmo simili. Spica solitana  
terminali, ovata, tempore pluresis profertur atropurpurea  
liquano ovata obtusa fusca semigenae, canna viridi. Semen rugo-  
sit, dum obovatum

latifolia.

~~Habitat in Porto novo Venetiarum 4~~

Culmi alti, crassitie pennae anserinae, <sup>articulat</sup> sicute trigoni, angulo <sup>semilato-</sup> ~~marginato~~  
scabri: folia parvula, pubescentia et ultra lata, ensiformia, quinque  
nervis utrinque trinervis, in singula pagina pubis nervo opposito, ne  
vi supra scabri

filiiformis 14. <sup>5</sup> ~~Scirpus~~ <sup>aphyllus</sup> ~~culmi filiformi tereti, spica oblonga obtusa & squamis subrotundis~~  
~~feminebus, setis aequis, culmis filiformi teretibus, teretibus.~~  
Scirpus filiiformis; culmo filiiformi subangulato nudo, spica terminali  
ovata, squamis obtusis Lamarck illust. 1. p. 130

~~Scirpus tuberculoser, aphyllus, erectus: spica teretibus ovata, suba-~~  
~~cuta; squamis subrotundis obtusis: femine satis ipso longioribus. et~~  
~~tuberculo crassius terminato Mich. fl. bor. amer. p. 30~~

Habitat in Carolina inferiore Lamarck.

Culmi filiformes, pedales, striati. Solia nulla. Spica  
capitulum semiangulatis  
ris, dense utricata. Squamae margine intus fuscae, margine membran-  
aceae. Semen flavum, obovatum, <sup>trigonum</sup> compressum, ore latis rugosum

apice obtusum setae nullae

in fine in ~~aristam~~ acumen longitudine spiculae <sup>ae</sup> desinente. M. Equum  
~~ut in sequentibus et fructificationibus in sequentibus; modo squamam at in illa~~  
longior quam in L. mucronata.

33. <sup>is</sup>  
pungens ~~33~~ *Scirpus* <sup>is</sup> *spiculis* oblongis sessilibus, squamis ciliato-lacinis <sup>aristatis</sup> emarginatis,  
culmo ~~subdiphylo~~ subdiphylo trigono

~~Funicus acutus maritimus, caule triangulo triquetro rigido, mucrone pun-  
genti Plukn. alm. 200. t. 40. f. 1.~~

~~*Scirpus* *cyperus* <sup>humilis</sup> *hust.* 3. p. 232. 8. 8. t. 10. f. 20~~

~~Funicus acutus maritimus, caule triquetro rigido, mucrone pungens~~

~~*Scirpus* *cyperus* <sup>maritimus, humilis</sup> *te* Plukn. alm. 200. t. 40. f. 1.~~

~~*Scirpus* *mucronatus*; culmo triangulo nudo, spiculis lateralibus  
ter; caule pallide oblongis conglomeratis sessilibus, mucrone erecto Roth. fl. germ. 1.~~

~~virens, panicula p. 23. 2. p. 60~~

~~ca. glomerata <sup>humilis</sup>~~

~~gen. 47~~

~~*Scirpus* *triqueter*; culmo triquetro nudo, spiculis ovali-oblongis sub-  
acuminatis sessilibus conglomeratis lateralibus, mucrone erecto. Roth  
neue beytr. 1. p. 91.~~

~~Habitat in Europa, in insula Bourboniae Commerson 2~~

~~Affinis caete sequenti, et in variis videtur diversibus: culmi humiliores  
tenuiores: folia rigidi: folia longiora, basi multo angustiora, carinata,  
extremum marginis: vaginae magis membranaceae: spiculae ex  
autoritate Rothii constanter sessiles.~~

~~Variat spiculis solitariis, vel geminis vel ternis, interdum & <sup>ab</sup> *Guama*~~

# Scabra

juniores videri margine ferrugineo, adultiores fuscae. Dm. i. f. c. alio ut in *S. triquetra*  
Apex quondamque reflectitur, uti jam dudum monuit Scheuchzerus l. c. saepe <sup>ut</sup> erectus.

34. *Scirpus* <sup>aphyllus</sup> ~~aphyllus~~ <sup>v</sup>  
micronatus ~~Spiculis oblongis glomeratis sessilibus; squamis mar-~~  
micronato. acumi ~~gine integerrimis; Culmo triquetra~~ <sup>triquetro</sup>  
natis ~~triquetro~~ <sup>triquetro</sup> ~~caule triangulo~~ <sup>Bank. prod. 22.</sup>

1 R. 257.

*Scirpus* - *Cyperus* panicula glomerata a spicis imbricatis composita  
Scheuchz. gram. 404. t. 9. p. 14

*Guncus acutus maritimus*, caule trique-  
tro molli, spica glo-  
merata in stylo sessi-  
li Pluk. alm. 200  
t. 40. p. 3.

*Scirpus cyperus palustris*, caule molli, panicula nitida, glomerata,  
semine nigro Mich. gen. 47.  
*Scirpus micronatus*, culmo triquetra nudo acuminato, spicis con-  
glomeratis sessilibus Linn. Syst. veg. 101.

Habitat in Italia, America Virginia, in Indiae orientalis paludosis  
Vioniz &

# ante vaginati,  
saepe glauci

Culmi sesquipedales, penna eorum bina crassiores, <sup>spangiosis</sup> inferne lateri-  
bus planis, superne excavatis. <sup>#</sup> Volia nulla. Vaginae duae - tres,  
inferiores breviores, fuscae, interior quinq[ue] + sex pollicares  
oblique hiantes, obtusae, <sup>ore</sup> margine membranaceae. Involucrum  
nullum. Spiculae spatio semipoll sess, qui pollicari infra  
apicem glomeratae, duae - viginti, fere unguiculares, obtusae

sessiles

# mucrone brevissimi pilulae: squamae ovatae, latae, micronatae, <sup>#</sup> substriatae, junia



~~Castanopsis Scirpus~~

~~Habitat in Canada Florida herb. Kunt.~~

~~Culmus teres inferne foliosus. Folia linearia, rigida, convexa, supra  
nerviulata. Racemi ternales, 5-6, umbellati, pollicares vel mi  
nores. Bractea duo, umbella longior, lineares, recta, altera longior  
Pedicelli 2-3-4, cum spicula sessili in centro. Spicula oblonga, fili  
sis nitida, semina parvis minoribus. Squama subrotunda. Stylus  
anceps fimbriatus, trifidus.~~

35 ~~26~~ 27  
articulatus 26

aphyllus  
Scirpus spicis lateralibus  
et imito

ovatis globosis capitatis  
spicis lateralibus, culmo ut in

Bidi Rheed. mal. 12. p. 135. T. 7. 1.

Scirpus articulatus; Culmo Tereti, semigeniculato, Capitulo glomerato  
lateralis Lin. spec. pl. 70. Rothb. gram. 53.

Scirpus fistulosus; culmo subulato nudo, basi vaginato, capitulo late  
rati Forsk. descr. p. 14.

Habitat in Aegypti aquis arenosis, in India orientali et occidentali

Radix fibrosa. Culmi sesqui-Tripedales, interdum crassitie  
pennae Cygnae, fistulosi, isthmis intercepti. Involucrum nunc

# apicem versus  
benigni attenuati.  
Vaginae laxae,  
oblique truncatae

lum. Capitulum in Indici infra medium, in Americae ver-  
sus summitatem, magis apice nudis coryli, globosum. Spiculae  
plurimae, exatae: squamae, ovatae, latae, acutae, ferrugineae,  
strobilae, ferrugineae, carina viridulae. # Semen trigonum, nigrum  
laeve, nitidum. Setae vix Setae versus apicem vix denticula-  
tae.

# Stylus bifidus

Specimina ex America robustiora sunt



36 ~~537~~  
nodosus ~~Scirpus~~ Scirpus Spicis oblongis glomeratis. Squamis integris, capitatis, squamis integris  
capitulum laterale globoso, involucri nullo, culmo compresso.

Scirpus nodosus; Culmo compresso, nodoso; in capitulo glomerato mucronato Rottb. gram. 52. t. 8. p. 3.

Habitat ad Cap. b. p. p. 4

Culmus tortus, in mucronem rigidum peragentem desinens. Involucrum nullum. Capitulum magnitudine coruli. <sup>at</sup> Spiculae coriosissimae, ~~oblongae~~

4/5 semi pollicis vel  
pollicis distantia fuscæ: squamæ oblongæ, obtusæ. Stylus trifidus. Semen obovatum,  
compressum. Setae nullae  
infra apicem

Mucro capitulum interdum via spatii semiangulari calare infra  
apicem

laciniatus Th. culmo tereti, capitulo triangulari, glumis ovatis salicatis,  
involucro dichylo Thunb prodr fl. Cap. pag. 17.  
Habitat in Cap. b. p. ei

non vidi

37. ~~2834~~  
vaginatus 40

~~Lirpus capitulis lateralibus alternis involuero brevioribus, culmo  
filiformi. Thunb. prodr. fl. Cap: 17. +  
Lirpus vaginatus, culmo filiformi, capitulis lateralibus alternis,  
involuero brevioribus Thunb. prodr. fl. Cap: 17.~~

Habitat in cap. b. Spei

*Juncus* L. culmo tereti nudo, spicis sessilibus in medio culmo glomeratis  
Lin. L. V

*Juncus juncus* minutus, capitulis conglobatis, foliis rotunda  
co teretibus: Tournef. J. R. G. 520.

Habitat Paris

Culmi plures palmari et ultra basi vaginati. Folia  
Anthera Culmi. Spica in medio culmi plures  
6 glomerat. Squama ovata oblonga margine ferruginea  
corina viridi.

— oblongi sessilibus subquernis





argenteum  
Senegalensis

Hypoclyptus Senegalensis Spiculis ovatis, glomeratis Stylis trifidis  
~~Scirpus~~ Spiculis ovatis glomeratis capitatis subpedicellatis,  
involucro diphylo capitula longiora.  
Scirpus Senegalensis. Culmo angulato subnudo, spiculis terminalibus  
sessilibus glomeratis involucri Lamant. illustr. 1. p. 140  
Habitat ad Senegal Dupuis, & in India orientali Roze &  
Radicis fibrosae. Culmi plures, pedales, <sup>rigidi</sup> flavescentes, inferne  
foliosi, obsolete trigoni, triplicati, flavescentes. Folia inferne  
longe vaginantia, Culmo dimidio breviora, basi dilatata, cana  
liculata, rigida. Involucrum patens spinosum, foliis simili-  
mum, unicus sequi pillicare. <sup>Capitula tria</sup> Spiculae quatuor- sex, piceo  
majoritudine Piperis nigri, obtusae, flavescentes: squamae ova-  
tae, acuminatae, infimae purpureo panis-punctatae: rachis  
teres, post casum florum spiculiter tuberculata, tuberculo <sup>vestice</sup> puncto  
impresso.

~~Scirpus~~ Senegalensis

39 40

hystrix

~~++ sp. terminalis~~  
Scirpus capitulo sub 2'stacho, glumis acuminatis squarrosis, involu-  
cro monophyllo, ~~Thunb. prodr.~~ culmo capillari Thunb. prodr.

17. †  
Habitat in Cap. b. sp. i.

*Duken vladu. Scirpus*  
*Atalapha lutea Nutt.*  
*Quercus glauca, infersa reginae*

ovatus 18. Scirpus spica ovata, squamis oblongis, floribus <sup>sub</sup>dicandis, culmo <sup>is</sup> subcom-

presso, vaginis mucicis

Juncus clavatus (medius) minor capitulis rotundioribus, Monis. hist.  
3. p. 233. B. P. t. 10. f. 34.

Scirpus capitatus

Scirpus compressus, radice fibrosa non repente, culmo nudo cae-  
spitose subcompresso erecto setiformis, spiculis terminalibus  
solitariis subglobosis nudis, staminibus duobus tribusve, stylolifi-  
do Moench meth. 394.

Scirpus ovatus; culmo subcompresso; culmo subcompresso nudo fili-  
formi, spica ovata terminali, floribus dicandis Roth. catal. 1.  
p. 5.

Scirpus annuus; confertissime multicaulis, erectus, apiculatus. Spica  
turgida ovata, obtusa, compressa, fusca ferruginea; squamis par-  
vulis ovalibus obtusis Thuill. fl. par. 22.

Habitat in Germania et Galliae humidis. 34

Radix fibrosa Culmi palmares et ultra. Spica magnitudine seminis Coniandri vel  
parum major: squamae fuscae, dorso virescente, apice marginae



Spica subglobosa, apiculata,  
capitata no 19. Scirpus Culmi sulcato-angulatis setaceis, <sup>Vaginae multae</sup> spica subglobosa.

Fundus aquaticus capitulis equiseti minimis ~~florant~~ hist. 44 l. p. 122.

Scirpus culmo setaceo nudo, spica subglobosa Gron. virg. 12.

Scirpus capitatus Culmo tereti nudo setiformi, spica subglobosa terminali. Lin. syst. veg. 100

Scirpus capitatus minimis nudus, capitula distincto ovato, radice fibrosa

Brown. jam. 126. n. 3

Scirpus caribaeus, culmi fasciculatis, setaceis, sulcatis, triquetris; spica minima, ovata, terminali. Rottb. gram. 46. t. 15. p. 3.

Culmi basi vaginati; vagina truncata. <sup>Spica</sup> spica magnitudine seminis

# Solis nulla  
nisi cyma  
ter

Habitat in Virginia, Caribaeis in que India orientali  
Culmi teretibus, basi vaginati; vagina truncata. <sup>Spica</sup> spica magnitudine seminis  
solis nulla, nisi

Culmi teretes. Spica parva, <sup>in</sup> magnitudine seminis coriandri.

Squamae oblongae, obtusae, <sup>in</sup> setaceae vel ferruginae, dorso pallidae

# Concavae, apice

carinatae ~~fronem~~ Rottbollii <sup>in</sup> a Linnaei diversus, nisi quod junior, Venallus squamae

pyriformae compressae <sup>in</sup> duae in fenestris longitudine capituli oblongi, aetate evanescentes

nitidum, setae purpureae apice

tuberculo albedo, setae purpureae

*polytrichoides*. culmi compressi setaceis, spicis ternis vel quaternis solitariis subnu-  
tantibus monandris Retz. obf. 4. p. 11. 4

Gramen polytrichum Rumph. Amb. 6. p. 17. t. 7. fig. 1.

Habitat in pacis depressis subulis Zeylona

Facies sicopi  
resputosi  
Culmi plures digitales vel palmari basi vagini vestiti viulo armato.  
strati. Spica oblonga bivalvi valvuli longior sumo cuneolata  
carinata, ~~summate~~ obtuso

geniculatus 20  
19

<sup>apiculatus</sup> <sup>approximata</sup>  
Scirpus culmatus ~~rotundus~~ ~~interstitius~~, spica ovato-oblonga, squamis ovato-subrotundis, culmi teretibus ~~approximate~~ <sup>interstitiis</sup>  
Funicus aquatilis geniculatus, capitulis equiseti major. Sloan  
Cat. 37. hist. 1. p. 121. t. 83. f. 3

Scirpus culmo rotundo nudo, spica stricta oblonga terminali Brown  
Journ. 126. n. 5

Scirpus geniculatus; culmo tereti: nudo, spica oblonga terminali  
Lin. Syst. veg. 100. Rostr. gram 44.

minor  $\beta$ . spica subglobosa

Funicus aquatilis geniculatus; capitulis equiseti, minor Sloan  
Cat. 37. hist. 1. p. 122. t. 85. f. 2.

Scirpus culmo nudo, spica terminali subrotunda Lin hist. Cliff.  
21.

Habitat in Jamaica

#  $\alpha$  &  $\beta$  distincta species  
? mihi non visus

Culmi sesqui pedales, vix crassitie pennae anserinae, ~~approximate~~  
~~interstitiis~~. ~~Setae nulla~~. Spica semi pollicaris, obtusa penna  
anserina parum crassior, obtusa. Squamae numerosae sinuae,  
parvae, dorso linea ciliaratae, fuscae, margine albae. <sup>Stylus bifidus</sup>

~~$\alpha$  &  $\beta$  spicae diverse~~ ~~mihi non visus~~. <sup>albedo</sup>  
me, compressiusculum, apice tuberculo plano coronatum, oblongo,  
nitidum. Setae paucae, purpureae, venisae longiores.

*Delphinium P.* involucri involucrique margine carinaque scabra; spicis  
capitati & lobosis subulatis compressis pedibus  
Habitu in India orientali nonis; sub nomine *Caryophylli*  
Culmus obtuse triquetrus lani striatus albus. Involucrum  
foliolis 3; longissimis proteris & brevissimis longissimis pedu-  
le, angusta. orbis truncato altero latere bidentato  
vix unguiculari. radii 5 que majores compositi & que  
brevissima indivisi. majores 4 pollicari. Teretibus  
involucella subaphylla longitudine umbellula radii  
& que 6 centralis fissili. spica confertissima ~~situm~~ in capitula  
subglobosa magnitudine vix conyli, altera unguiculari,  
deltate femineas antea 7- novem florea squama lanceolata  
obtusiuscula sinato margine coloratione dorso insipiente femineas



interstitia 2<sup>ae</sup> Scirpus culmiferi <sup>superne</sup> approximate interstitia, squamis subro-  
 tundis laevibus, culmas teretibus superne approximate interstiti-  
 + Habitat in Caribaeis Mart. f.

Similis praecedenti, at. isthmi superne approximate, nec rem-  
is scemi: squamae non carinatae.

Pulvis fl. <sup>caesp.</sup> ruca bipollicaris, obtusa: squamae prope marginem linea  
fusca cinctae <sup>cum</sup> macula in apice, margo ipse membrana  
aeus. Stylus trifidus, ut in antecedente basi in crasso

Scirpus fl. per tuberculatus! apophyllus, erectus: spica longior, ovata, subtrilobata;  
squamae subtundis obtusis; semina solis ipso longioribus stigmati-  
stibus caespitose varmicate Mart. fl. ber. amar. l. p. 30  
Habitat in Caribaeis superne Richard

Scirpus tuberculatus

pallidus. Umbella sub + prodrata triphylla umbellula triadactyla aplylla  
spicis alternis paucis oblongis obtusis squamisque ovatis obtusis  
Habitat in India orientali ex herb. Schumacheri

Radice pedalis obtuse angulata interne foliosa. Cilia altitudine  
cuius angui. Umbella radiis tribus sub pollicibus compositis  
tribus fasciculis simplicibus vix unguiculatis involucri  
subulata umbella 4 plo longiora saepe apice retrosum  
habita. ~~una~~ squama ovata minuta sub pedicello loco involucri  
spicula oblonga 3- ad 7 in singulis radiis oblonga alba convexa  
scilo compressa eadem squama ovata lora  
eadem ut et composita lamina

plantagineus 2 <sup>aphyllus</sup> <sup>remota</sup>  
~~Scirpus culmo teretibus interstinctis, spica cylindrica, squamis sub~~  
rotundis carinatis, culmis teretibus remote interstinctis

Scirpus plantaginoides; culmis ventricosis, sulcatis, nudis: spica  
cylindrica subulata, terminali; flosculis carinatis Roettb. gram.  
45. t. 159. 2.

Scirpus plantagineus; culmis teretibus geniculatis nudis, spica  
terminali cylindrica nuda Retz. obs. 5. p. 14.

Habitat in India orientali Triniz, in Cambajo Martfeld

Culmi bi-tripedales, crassitie pennae cygnae, remote interstincti,  
si, saepe siccitate colla bentes; remote interstincti, ~~interdum flosculis~~  
~~scissis~~, basi vaginis longis, membranaceis, vestiti. Spica 82 qui  
pollicaris, acutiuscula. Squamae margine fuscae. Stylus trifidus.

Germeo setis purpureis cinctum

Junior culmis & superne uti & squamae versus apicem pilis raron  
bus adspersae.

An hoc retinet Cyrenis dulcis Thunb. amb. 6 p. 7. t. 3 f. 1  
uti et Hippuris indica Lour. fl. Cochinch. 2

*Cinnamomeus* P. Sulmo Vriquetto folioso, umbella fructibus capitatis pedunculatis  
lati sepibusque, involucri pentaphyllo serrulato Babro Rete  
Obs: 4. p. 104  
Habitat

... non vidi an eadem ac ~~Dilutissima~~

Spiralis 23. ~~Per~~ <sup>apertus, non quatuor</sup> Cyperus (Culmo triquetro, spica cylindrica, squamis spirales cuneiformibus imbricatis, culmis triquetris.

Sirpus spiralis; culmis aggregatis subnudis triquetris, spica cylindrica terminali, fasciculis cuneiformibus imbricatis spiritaliter dispositis Roebb. gram. 45. t. 15 p. 1.

Habitat in India orientali Nöing triquetris  
radice fibrosa, Culmi plures, sesquipedales, acuta angulati, inferne vaginis membranaceis vestiti. ~~Sulci nulli.~~ Spica pollicaris, obtusa; squamae  
flavescentes, prope marginem linea subfusca cinctae, minime lanatae.

racemosa. C. culmo triquetro nudo, umbella superae composita, pediculi ulu racem  
racemosa racemosaque, involucro ptychello longo hirs. obj. C. p. 204  
Habitat in India orientali

#29.  
natans. ~~Scirpus~~ Scirpus spicis duabus lateralibus, culmo compresso folioso ~~erecto~~  
flexuoso erecto. Thunb. prodr. 17 +

~~Scirpus natans; culmo compresso folioso flexuoso erecto, spicis duabus~~  
~~lateralibus Thunb. prodr. fl. cap. 17.~~

Habitat in Cap. b. Spei.

Sylvaticus: P. culmo Inguetro folio, umbella foliacea, pedunculis nudis supra  
decompositis, spicis confertis L. V. Lin. 1. 4. 1001. Den. Tab. 307.

Gramen cyperoides miliaicum Bauh. pin. 6.

Gramen arundinaceum, foliis acutissimis, panicula multi-  
plici, cyperi facie Loez. prus. 119. t. 33.

Habitat in Europa sylvis humentibus.

Culmus bipedalis et aliorum crassitie pennis arpenno. Folia  
cata uncinata culmo altera margine scaberrima glabra  
umbella terminali decomposita e pedunculis <sup>pluribus</sup> alternis confertis  
iniqualebus ceteris foliis subulatis brevibus. involu-  
ti nem. triphyllum foliolis umbella longioribus carinatis  
margine scabris. Spicis parvis tres ceteris fere in ultimo  
pedicelli glabri oblongo squama lanicolata striata

Labelis Cyp. grum tal. P.



29 28  
numidianus

Species subglobosis subsolitariis lateribus; Pulm<sup>is</sup> foliisque setaceis, Stems  
nitris laevibus

Habitat in Numidia Lamarck.

Similis duobus <sup>antecedenti</sup> sequentibus: Squamae utraque <sup>fere ut in illo,</sup> at <sup>et</sup> rotundioribus. Pulm<sup>is</sup>  
fere pedales, teretes. Spiculae solitariae vel geminae. Semen subglobosum, <sup>non</sup> album

H Vaginosa <sup>non</sup> <sup>stans</sup> unquidularis nec transversales, <sup>Striae nec longitudinalis</sup> microscopis videri potui. Setae nullae





Halleri L. Culmo tereti nudo foliis, capitulis ternis ovatis  
manibus foliis gramineo, culmo tereti, capitulis lateralibus ternis  
Holl. herb. no 1344

H ~~†† Culmo polystrachyo~~  
~~† spiculis acatis~~ lateralibus  
 minimus 26. Scirpus spiculis <sup>sub</sup> solitariis infra apicem, culmos foliosque capillaribus  
<sup>curvatis</sup>  
 gramen panicum per pusillum, capillares folios, Aethiopicum Plukn.  
alm. 179. t. 300. f. 5

funiculus per pusillum, aethiopicus, capillares, capitulis, ut plurimum

H <sup>††</sup> Culmo polygala ternis, sessilibus Monis. 3. S. P. p. 233.  
<sup>chyo</sup>  
<sup>+ spiculis lateralibus</sup> Cyperus culmo varati spicas infra apicem ferente Lin. hort. cliff. 21. ?  
Cyperus minimus; Culmo varati nudo, spicis sub apice Lin. syst. veg. 98. ?  
Scirpus palasius ~~ex~~ Rothb. gram. 47. art. 15. f. 47.

Habitat in America, Africa, meum specimen a Dr von Rohr ex  
America boreali habui.

Varias Sc. apiculans, ad spicula infra apicem. Culmi capillares  
 vari bipollicares vel minores, capillares, omnium tenuissimi, trigo-

# monophylli <sup>††</sup> Solia culmo parum angustiora breviora et angustiora, plerumque  
curva recurva. Spicae solitariae vel geminae, <sup>multae</sup> ~~paucae~~, pauciflorae

# infima attenuata, longi-  
tudine fere spicae  
Quos vidi exacte convenire cum figura Pluknetii et descriptio-  
ne morisoni. Spiculae <sup>at</sup> nunquam pedicellatas vidi, sed semper ses-  
piles

~~Lepus~~

Habitat in Monana led-muloi

habes

<sup>aphyllus</sup>  
quadrongulatus 25. Scirpus Culmo Tetragonis, Spica cylindrica, squamis oblongo-  
subrotundis, Culmis tetragonis  
Scirpus quadrongulatus; aphyllus, Culmis stricta erectis, acuta  
quadrongulatis: spica longo cylindrica; 4 squamis rotundato-  
obtusis. Mich. fl. bor. amer. l. p. 30

Habitat in Carolina Richard  
culmi basi vaginati. Soli in valle  
saecis antecedentium. Spica sesqui pollicans, acutiuscula: Squa-  
mae floescentes, prope marginem linea subfusca cinctae. Stameni-  
nisilla, semina, setae ut in antecedente quatuor antecedentibus

strictus Cyper. Culmo subtriquetro umbella subglomerata triphylla.  
foliis strictis angustis canaliculatis La Mark. T. En. pag 146

Habitat in Sara.

affinis Cyperi glomerato Rottb.



mitatus 2A.

Panicum Culmo <sup>quattro</sup> Triquetro, Spica cylindrica, Squamis obovatis,  
Spicis Culmo Triquetro nudo, Spica oblonga stricta Terminali Brown. sum. 126. 127  
Panicum mitatus; Culmo Triquetro nudo, Spica cylindrica Terminali  
Lin. amoen. acad. 5. p. 391. Spec. plant. Syst. veg. 100

Habitat in Jamaica

Panicum Differt a P. spirali: Culmus crassior; Spica longior, 6 pollicibus

Retzia  
albica C. Culmo triquetronudo, umbella composita, pedunculo corymbosis,  
involucro polyphylla longissimo Retz obs. p. 21. Calbicus  
Habitat in China

nisi ignotus

marginatus 32. <sup>32.</sup> Sirpus capitatus Tristachyo, glumis integris glabris, involucrio  
monophyllo, culmo capillari Thunb. prod. 17. +  
Habitat in Cap. 6. spec

oblongo, 2 annis, glabris, unguiculatis, acutiusculis, imbricatis, papillo-  
squame oblongo obtuso, cuneato, cuneato, apice cuneato: carina in mucrono et  
furo occurrente.

Pradiceus Scirpus culmo semitereti <sup>scirpus</sup> nudo retrosum scabro, umbella composita,  
specie dichotomica sessilibus, involucri brevibus.  
Gramen Cyperoides majus aquaticum, paniculis plurimis junceis sparsis,  
specie ex ostrogo subrotundis Pradiceis Koen. hist. jam. 1. p. 110.  
Tab. 46. Fig. 2.

Scirpus pradiceus Culmo triquetris nudo, umbella subnuda; specie ob-  
longa sessilibus terminalibusque. Lin. S. V. pag. 100.  
Habitat in America meridionali. A. von Rohr

Culmi bipedales erecti, semiteretes, teneri, striati, glabri, altero latere  
convexi, altero planiusculi, <sup>angulati</sup> ~~marginatis~~ retrosum scabri.  
Folia angusta, glabra, culmo breviora.

Umbella terminalis, composita; universalis radice circiter 8. y. in qua  
<sup>tri-</sup> ~~est~~, longioribus <sup>vel</sup> quodam polliciaribus <sup>vel</sup> minoribus, altero latere  
convexis, altero canaliculatis, <sup>glabris</sup> ~~marginatis~~ retrosum scabris;  
partiales radice 3. pollicares vel minores, structura radiorum umbella  
universalis. Involucri rami universalis 3-4 phyllum; foliolum unguiculatum  
specie tres in singulis radice umbella partialis, intermedia sessilis,  
pedunculata longioribus aequant, reliqui pollicares vel breviores,  
retrosum scabri, canaliculati; divisio composita in extrema majora,  
basi pedalis: partiale 2-3 phyllum; folioli unguiculatis

TriStachyos 30. Scirpus spicis oblongis subternis, <sup>squamis integris proctis</sup> involuero ~~monophyllo~~, Culmo  
8-staco.

Gramen pusillum junii capitulis minimis, ad basin foliolis binis  
acutis Burm. Zeyl. 109. t. 47. f. 2

Scirpus culmo teratiusculo 8-minudo; spicis capitatis 8-sessilibus;  
involuero diphylo 8-staco Lin. fl. Zeyl. n. 39.

Scirpus TriStachyos; culmo nudo 8-staco; spicis ternis, 8-sessilibus;  
involuero diphylo. Rottb. gram. 48. t. 13. f. 4.

Scirpus TriStachyos, culmo capillari, capitulis TriStachyo, glumis  
integris, involuero diphylo Thunb. prodr. 17.

Habitat in Cap. b. spic. basi vaginati

Culmi plures; palmae res Stultrogl. Solia plura, Culmo breviora,

#, planiuscula

capularia<sup>tt</sup>; vaginae membranaceae, albae. Involucri foliolum

alterum unguiculare, erectum, <sup>a Culmo continuo</sup> inferius alterum patens longitudine  
spicularum. Spicae tres-quatuor vel plures, oblongae, obtusae; squa-

4 tum. Setae nullae

mae ~~vaginae~~ obtusae, carinatae, 8-triatae, fusco-ferugineae, sementibus<sup>tt</sup>

Non dubito quin

Burmanni <sup>idem est cum Burm. verosimile</sup> describit salundum haec species in herbario Her

nam Lugduni botanicum nunc quo plura exemplaria existunt. Quod apud Illium Laur. Burmann  
aliud videri videtur. Hermannus enim plura herbaria paravit.

globulosus Culmo compresso nudo, panicula terminali, spicula unica  
sessili: pedunculatis pluribus globosis Retz obs. fol. 6. p. 19. 7

Habitat in India orientali uliginosis

Culmi nudi, struthamoi, crassitie sili grossior, compressi? Spica  
terminalis, sessilis, globosa, superius magnitudine feminis milii,  
proter 3 vel 5 pedunculata pedunculi plerumque monostachyi  
raro spica gemma. Squama subrotunda obtusissima, conica  
v. <sup>teretes</sup> ~~teretes~~

Culmi basi vaginis geminis anteriori bipollicariis exterioribus  
brevis oblique truncati, margine parum membranacei  
squama 2-3. sub pedunculi brevissima corio involucri  
pedicelli interdum gemini cum spicula sessili

teretes umbella terminali sub simplicia spicula  
globosa unica sessili

~~non est~~

24 30.

micranthus.

Scirpus

spicis ovatis acutis ternis lateralibus,

<sup>oblongis</sup>  
aphyllis, squamis lanceolatis,

culmo folisque & stacis

Habitat in ~~America meridionali~~ <sup>America meridionali</sup> Richard.

Homomorphylli  
4 monomorphylli  
Lolium  
brassic

Culmi digitales, ~~setosis~~, <sup>teretibus</sup> ~~foliis~~ <sup>apicibus</sup> ~~culmorum~~ <sup>culmorum breviter nullum</sup>. Involucrum <sup>minutum</sup>

Sub apice, ~~paucis~~, <sup>paucis</sup> praeter apicem culmi. Spiculae <sup>ae</sup> tres, parvae, paucis  
spatio semipollicari infra apicem, ovatae, ~~acutae~~, <sup>acutae</sup>, fuscae. Squamae  
oblongae, acutae, semina oblonga sensim deciduae. Semen oblongum  
compressiusculum, laeve, setae nullae.

Squama infima spicae unius ~~saltem~~ <sup>in reliquis</sup> setae acuminata, at decidua  
ita reliquae, si non involucrum nullum, ~~plena~~ <sup>in reliquis</sup> vero acumen deest.

*Diphyllus* L. culmis semicylindricis striatis *Diphyllus*, umbella composita ino-  
lucido diphyllo longiore Retz. off. 5. p. 15. 7

Habitat in India orientali

Culmi aut pedales filiformes basi foliis duobus castruetis.  
Folcia glauca radice alba brevior, Culmi longitudine culmi  
um bellae inaequalis. Involucium foliola duo umbella longo  
ra radicalibus similia postea hoc unum vel alterum filiforme  
breve. Involucella brevia scariosa. Spicula ovata, pedicellata  
Squamis ovata acuta conlara dorso linea viridi semine striato  
negosum Retz



tuberculatus 14. Scirpus aphyllus, culmo terati, spica ovata acuta, squamis  
subrotundis, seminibus tuberculato orato coronatis, culmistreticibus  
Scirpus tuberculatus, erectus aphyllus, erectus: spica turjide ovata,  
subacuta: squamis subrotundis, obtusis: semine satis ipso longiori  
bus stipato et tuberculato terminato Mich. fl. bor. Amer. l. p. 30

Habitat in Carolina inferiore Richard 4

Culmi <sup>alues</sup> pedales, graciles. Vaginae oblique truncatae, acumine brevis-  
imo ovato acuto terminatae. Spica pisi majori tudine pisi: squamae  
laevae, apice carinatae, ordide flavescentes, marginae parum rufescent-  
es: satis sext ad basin seminis aeque parum longiores. Semen  
subglobosum, oculo armato striatum, striis transversim lineatis, flaves-  
centis, terminatum tuberculo latius semine ipso parum latiore et  
longiore, ovato, compresso.

juncus Sc: culmo teretibus liliiformi nudo spica ovata terminali involucri  
aquantis Forst. fl. austr. pag 6.  
Habitat

non vid.



filiiformis Scop: culmo filiiformi subangulato nudo, spica subglobosa termi-  
nali ovata, squamis obtusi La Mart. T. Enci: pag 130.  
Habitat in Amer. septentrionali

~~non ada~~

palustris n<sup>o</sup> 12. ~~Spica ovali, squamis lanceolatis acutis,~~  
~~Scirpus (Culmibus, teretibus, vaginae lanatae, multicae, spica ovali, squamis~~  
~~lanceolatis acutis, radice repente~~

Funus palustris, capitulo equiseti major. Lobel. ic. 16.

Funus equiseti capitulis Bauh. Theatr. 106

~~Scirpus palustris:~~

Scirpus equiseti capitulo majore Scheuchz. gram. 360 Lin. fl. Lapp. 19

Scirpus palustris culmibus teretibus nudo, spica pubescente terminali. Lin. Syst. veg. 100 Cl. Dan. t. 273. Pollut. pol. n. 43. Leers fl. herb. n. 347. 1. 4. 3.

B. Funus capitulis equiseti longior Mois. hist. 3. p. 233. S. D. t. 10. p. 33.

Scirpus equiseti capitulo majore alter Scheuchz. gram. 361. t. 7. p. 17

Scirpus reptans; radice reptante: culmibus cespitosi, plurimis stantibus,  
recurvatis, spica oblonga; squamis lanceolatis acutissimis Thunb. fl. par. 22

Habitat in Europae fossis et inundatis &

Culmi cespitosi, pedales-bipedales, Vagina ante vaginatis. Spica unguiculata  
longa, <sup>multiflora</sup> squamae duae infimae subrotundae, reliquae lanceolatae, <sup>fuscae</sup> margine  
albido membranaceae.

Scirpus reptans Thunb. in vix nisi folia pro vix nisi folia culmibus recur-  
vatis a palustris differt.

Setae quatuor a basi germinis Leers //

Caribou. Culmi fasciculati setacei sulcati <sup>triquetri</sup>, spica  
minima ovata terminali. Rothb. gram. pag. 46. tab. 15. fig. 3.  
Fucus aquaticus capitulis equiseti minimis Sloan hist.

pag. 122.

Habitat in Canada

Culmi pollicares vel <sup>vagini</sup> digitales venis, capitulis <sup>bulb</sup> membranaceis  
pallide ferrugineis <sup>oblonga</sup> submembranaceis vestiti. Spica parva ovata  
Squamis <sup>oblonga</sup> duobus inferiori ovato <sup>oblonga</sup> caninata <sup>spicam</sup> primum invol  
ventis demum brevioribus. Squamae ferrugineae <sup>oblonga</sup> margine membranaceo  
marginato obtuso dorso pallido

1 Spica oblongo-ovata  
multicaulis ~~Scirpus~~ ~~aphyllus~~ ~~culmi tereti~~, ~~vagina~~, ~~truncata~~, ~~spica ovata oblongo-ova~~  
~~radice fibrosa.~~ <sup>mutica, muticis</sup>

Scirpus equiseti capitulis crassioribus & habitioribus pumilus & multicaulis  
Linn. Rupp. gen. 319

Scirpus palustris fl. Linn. fl. Lapp. n. 19. p. 3.

Scirpus aciculans Flor. Dan. 167.

Scirpus multicaulis; Culmi tereti: basi vaginato, spica ovata terminali,  
glumis obtusis aequalibus, radice fibrosa Smith. fl. angl. 1. p. 48.

Habitat in paludibus turfosis Daniae & Angliae &

Radix fibrosa, Culmi numerosi, spithamasi palmares vel spithamasi.

Vaginae arctae rufae porino duplicatae, Squamae non intermixtae

Spica elliptica fusca ferruginea, multiflora. Squamae ovatae, obtusae  
apice membranaceae Smith L. c.

Glisculorum unus vel alter ad basin spicae, saepe viviparus ad divanica-  
tus evadit Smith. l. c.

Scirpus inter medius Thuill. fl. par. p. 21. hinc forte spectat

~~Scirpus~~

~~Funaria clavata medus capitulis rotundioribus Mon. f. her. 3. 233. no  
34. sect. 2. tab. 10. fig. 34.~~

~~Habitat herb. musci~~

herb.



9 10.

capillaris Scirpus culmo angulato folisque capi <sup>a</sup> oblongis acutis  
linearibus oblongis obtusis, culmis angulatis capillaribus

Scirpus capillaris; perpusillus: culmis folisque omnium Venus sive capilla-  
ris, flaccidis: spica oblonga ovoides, acuta, imbricata; squamis paucis,  
oblongis, castaneis Mich. fl. bor. Amer. 1. p. 30

Habitat in nova Anglia. Richard

Omni um Venus sive. Culmi palmares, angulati. Solia radicalia culmos pa-  
rim breviora vel longiora, <sup>plumis</sup> ~~capitula~~ minima. Squamae fuscae, margine Veni-  
membranaceo, ovatae acuta. Semen acuta trigonum. Setae plures, albae

# Spica

~~Spathaceus Scimus~~

~~Habitat in Carolina herb. Rich.~~

habes



Cyperus

Habitat in insula Franco Comensan herb. Musci

Culmi plures

habes

57. 58

<sup>globosis involucri</sup>  
<sup>proliferis</sup>  
 Scirpus ~~capituli glomerati~~ <sup>capituli glomerati</sup>, umbella terminali prolifera, involucri  
 lurulae ~~capituli glomerati~~ <sup>capituli glomerati</sup>, umbella terminali prolifera, involucri  
 Scirpus lurulae Culmo triquetris nudo, umbella ~~supra~~ <sup>supra</sup> ~~composita~~ <sup>composita</sup> folio-  
 sa prolifera, spiculis subrotundis <sup>lin. spec. pl. 75</sup>  
 Habitat in India orientali.

Culmus plusquam pedalis, nudus, ~~triangulus~~. Involucrum uniser-  
 iale polyphyllum ~~foliis~~ <sup>foliis</sup> ensiformibus, umbella longioribus:  
 pedicelae nullae nisi setae brevissimae. Umbellae peduncul-  
 intermedii brevissimi; omnes terminati capitello, iterum  
 prolifero. Capitella subrotunda, glomerata ex spiculis subro-  
 tundis. lin. l. c.

Gramen Cyperoides orientale Plukh. mant. 97. t. 107. f. 3. hinc variorum  
<sup>hinc</sup> Burm. fig. pl. ind. figura vero non bene quadrat cum  
descriptione Linnaei

Scorpius

Habitat in Georgia Herb. Reel

habco

56. ~~57~~ ~~58~~ <sup>57</sup> Spicis capitulo glomeratis, capitulis cum bellatis globosis proli feris  
globiferis 58 Scirpus ~~capitulis globosis, umbella pro terminali prolifera, culmo~~

~~ternati in volucrio diphylo, culmo tereti +~~

Scirpus globiferus; culmo tereti nudo, umbella terminali composita;  
capitulis globosis ex spiculis pluribus acie congestis Lin. Suppl.

104.

Habitat in Tenentia

Culmus ~~tereti~~ aphyllus, glaber, rimus, terminatus & spatula. Spatula  
brevis & imia diphylla: foliola aequalia, pubulata, mucronata. Peduncu-  
li & spatula exsertas, plures, antipites, terminati globulis ex spi-  
cis brevis & imis congestis. Hi globuli circa basin emittunt novos  
radios globiferos, ita ut permittat dividendos, unde in florescen-  
tia refert umbellam compositam, umbellis basi proliferis Lin. l. c.

*Scllofus Stipus*

Habitat in Puerto Rico herb. Griseb.

Culmi plures, pedales. Umbella terminalis, simplex, radii 1-3. *Spicula*  
terminalia sessilibus. Spicula crata, femineo

†

habes





~~reptans Siquis? humilis, reptans, stoloniferus foliis serrulatis glabris  
involucro subtriphylo brevifido capitulo terminali e pluri-  
bus plicis Josephus Act. sci. h. M. Par. 1. pag. 106~~

~~Habitat in Amer. Mex.  
affinis Sichono colorato Lin.~~

fasciculati in Helosch<sup>ve</sup>cho Romano, in australi radice horizontaliter repens,  
tecta squamis ovalis, latis, acutis, fusco nigricantibus: culmi distincti, serie  
longitudinali positi, approximati, rigidiores: capitulo majore duplo vel  
triplo majore, Coeterum vero autem similis romano, excepto quod quod cul  
mo quod~~est~~ grassiore et humiliore, ut separari requit. I. Romanus gaudet  
culmo graciliore et longiore quam reliqui. Variant omnes culmo  
superne <sup>laevi,</sup> compresso, tereti vel trigono, interdum infra capitulum pennula  
t<sup>o</sup> - scabro

argenteus L. Culmi setacei. Inquetis, involuero tetraphyllo longis  
fimo, spicis cylindricis plurimis in capitulum glomeratis  
Kottb. gram. pag. 51 Tab. 17. fig. 6.

Muller. puelle Rheid. Mat. 12. t. 54. p. 101.

Sicopus minus, capellae a folio, medeappatanus capitulo  
parvo Schreb. gram. p. 370

Habitat in India orientali

Culmi pluresi distales knoti. folia setacea convoluta polliciana  
patentia glabra cuticula basi vaginanta. Spicula curviter  
tridactyla in capitulo globoso, in cuspis minore collecti. Ciliis  
texta. Semunquicula nisi filii undique umbriati. Squama ovata  
tri curvifolii glabri feris ferruginei ochridas per se copum plenum  
excavati. involucrium tetraphyllum foliolis setaceis patentissimis  
unice majorae sequi polliciae unius reliquis brevior semunquicula

Culmi setacei involuero tetraphyllo patentissimis longis, spicis  
Cylindricis glomerato capitatis, squamis ovatis

54 ~~55~~ ~~Capitulis globosis pedunculatis sessilibus~~  
Holoschoenus ~~Spicis globosis glomeratis~~ globosis capitatis, foliis canaliculatis

# <sup>capitato</sup> Spicis globosis glomeratis Junceus Holoschoenus Russell 602.

meris <sup>capitato</sup> Junceus acutus maritimus, capitulis rotundis Baud. Theatr. 174.

nitulis globosis <sup>capitato</sup> Junceus maritimus capitulis rotundis Plukn. alm. t. 40. f. 4.

~~Culatis~~ <sup>capitato</sup> Scirpoides maritimum, capitulis sparsis glomeratis Scheuchz. gram. 371.  
t. 2. p. 2.

Scirpus Holoschoenus; culmo tereti nudo, spicis subglobosis glomeratis pedunculatis, involuero diphylo inaequali mucronato Lin. Syst. veg. 101.

Fl. dan. t. 374 454 Roth germ. 1. p. 22. 2. p. 50.

Habitat in paludosis maris Daniae, Germaniae, Angliae et Europae

Scirpus Holoschoenus; culmo tereti nudo, capitulis glomeratis pedunculatis sessilibus, involuero diphylo inaequali, foliis canaliculatis Smith. fl. angl. 1. p. 53.

australis β. Junceus minor acutus maritimus prolifer Plukn. alm. t. 40. f. 5

Scirpus australis; culmo tereti nudo, capitulis laterali, bractea reflexa, foliis canaliculatis Lin. Syst. veg. 101.

# <sup>romanus</sup> Junceus laevis, foliis orbiculatis, nigris <sup>romanus</sup> Scirpoides acutum maritimum, capitulo laterali glomerato solitario Scheuchz. gram. 373. t. 2. p. 6.

Scirpus <sup>vel</sup> maritimum, capitulis omnibus in pediculis invidentibus, foliis et glomo supra paniculam supra carinam serentibus videm. Mich. Gen. 52



53 ~~54~~ ~~55~~  
michelianus 54

Species oblongis glomeratis globosis capitatis  
capituli globosi in terminalibus, in volucrio polyphylo  
longo, culmo trigono.

Funicus foliatus minimus Bauh. hist. 2. p. 523 sub maturo fructu

Gramen perenne marinum, capitula squamosa Bauh. hist. 2. p. 509.

Cyperus italicus omnium minimus Trel. pis. 5. t. 21. p. 5.

Scirpus michelianus, Culmo triquetro, capitulo globoso, in volucrio polyphylo longo Lin. Syst. veg. 103. Schkuhr in Ust. an. 1. p. 20. t. 2.

Scirpus michelianus, culmo triquetro capitulo globoso, in volucrio subdiphylo Gouan illustr. 3.

Habitat in Italia, Mompelii, Germania O

Culmi <sup>bipollicares</sup> plures, ~~digitales~~ <sup>digitales</sup> vel minores, trigoni. Edic. Culmo altiora linearis. In volucrio sub hexaphyllum, Culmo longius.

Capitulum magnitudine pisi. <sup>aeq</sup> Spiculae numerosae, ~~atque~~ <sup>atque</sup> minutae, oblongae; foliolum capillare, basi ovatum in acutam attenuatum <sup>an</sup> ad singularem spiculam, eaque interdum longior: squamae lanceolatae. Stylus trifidus, bifidus Schkuhr

H. Mey

*Sagittaria triquetra*  
*Sagittaria* Culmo ~~terre~~ nudo setaceo, spicis ternis sessilibus ovatis *Sagittaria*

Lin Mant. 181 \* P. V. pag. 101.

2 Gramen cyperoides orientale perperillum, capitulis subrotundis  
D. Hippidi Pluk. mant. 9 P. 8. 350. fig. 6.

1 avenae in Rheed. mal. 12. p. 72. t. 36

*Sagittaria* Culmo setaceo triquetro capitulis subternis sessilibus squarro-  
lis; involucrio distichellostricto Roth. gram. pag. 44. Tab. 17. fig. 1

Habitat in India orientali

Culmi digitali vel palmari folia Culmum basi vaginans  
fol. filiformia basi culmum vaginantis involucrium di-  
stichum foliolis alternis unguiculare alterum byssal-  
lineum spicis 2-8 in seriore. Spicis 3-4 sessilibus oblongis, Squamis  
subulatis recurvis basi nodosa valde imbricatis.



~~53~~  
 53

Vahlia

~~Scirpus~~ <sup>Scirpus</sup> species cylindricis aggregata capitata, sub 8 quamis subulatis  
 apice patulis, involuero subpentaphyllo longis, sumo  
 Scirpus Vahlia; Culmo triquetro subnudo, spiculis oblongi fasciculato-  
 capitatis, involuero setaceo proelongo Lamark illustr. t. p. 13a

Habitat in America meridionali, nec in Hispania. Ex herbario antiquo,  
verosimile Coeplingii Martini habui.

Culmi copiosi, bipollicares vel minores, capillares, compressi. Solia cul-  
mo altiora, convoluta-capillaria, setis subulis, et involucria a spiculis  
minutissimis oculo armato videntis scaberrima. Involucrium subpenta-  
phyllum, umbella longius, erectum. Capitulum <sup>terma</sup> a spiculis quinque et  
decem congestis compressum, interdum spiculis unica in culmo.

<sup>as</sup>  
 Spiculis cylindricis hemiangulares, cylindricas, acutae: 8 quamas  
parvo lanceolata subulatae, carinatae, virescentes, apice patuli.  
 Hamina trina. Stylus trifidus. Semina subglobo-lacera. Setae nullo

herbar. S. herbar. Culm. tereti foliis capitulis axillaribus terminalibus pedem  
Culm. tereti foliis <sup>capitulis</sup> axillaribus

Platan.

Habitat in India orientali

Culmi plures palmari vel ultra laxi striati vagina  
unqui culm. remoto uti folia pedunculi et spiculi pili  
rari herba pili paucissimi in culmo folia graminea  
bi-<sup>stri</sup> tripallionia Pedunculi e vagina superioribus ter  
solitarii terminalis plerumque gemini vagina panu  
longiori. Spicula in capitulo globo <sup>magnitudine</sup> collecti parvo  
La cor qui apice squamam retuso squamose. Squama  
lanicolata compressa triquetra, rigida carinata aquie in  
acumini reflexo patentem depresso <sup>hinc</sup> <sup>ma</sup> lateribus stri  
tis nisi carina viridi acuta. <sup>Sto</sup> flosculi hermaprodit  
stamina tria <sup>pauci</sup> triquetrum

S. uncinatus Willden

51

~~52~~

Cephalotes Scirpus capitulo ovato squaroso, involucro triphylo longo

Lin. spec. pl. 76. t

Habitat in India

Culmus altus, trigonus, laevis, striatus. Capitulum ovatum. In  
volumen longissimum tri-tetraphyllum reflexum, margine  
scabrum. Capitulum ovatum, terminale. Lin. l. c.

festigatus L. culmo filiformi capitulo convexo compresso glumis coriatis  
muis mucronatis involucrio nullo Thunb. prodr. fl. cap. pag. 18  
Habitat in cap. b. p. p.

non vidi

50. ~~†~~  
pilosus ~~50~~

*Scirpus* capitulo ovato, glumis lanceolatis ciliatis, involucrio  $\gamma$ etra-  
phylla, culmo compresso. Thunb. prod. 18. †

~~*Scirpus pilosus*, compresso culmo compresso, capitulo ovato, glumis  
lanceolatis ciliatis, involucrio  $\gamma$ etraphylla Thunb. prod. 18~~

Habitat in Cap. b. spei

maritimus L. culmo triquetro, panicula conglobata foliacea spiculanum squa-  
mis trifidis intermedia subulata L. V. fl. Dan

Cyperus rotundus vulgaris Bauh. pin. 13.

Cyperus rotundus inodorus germanicus Bauh. pin. 14. Theatr. 215.

β. Cyperus rotundus inodorus anglicus Bauh. pin. 14.

γ. Cyperus panicula compacta e spici Veretibus crassioribus.  
comperta Scheuch. hist. 400

δ. gramin cyperoides panicula spissa major Bauh. pin. 6.

ε. Scirpus cyperus palustris, radice repente nodosa inodora  
panicula spissa, capituli majoribus Mich. gen. 400

Habitat in Europa, ut in omnibus maritimis 7

Sc. macrostachys  
La Martk

Culmi bipedales inferne foliosi. Folia caninata. Vagina  
glabra ore membranacea ferruginea. Spica terminalis  
interdum oblonga breviter in capitulo fere congesta e  
pedunculis brevissimis. Pedunculi interdum subumbellati  
tristachyi spici simplicibus Veretibus pollicibus. Involu-  
crum diphyllum subulatum umbella congrua  
involucro diphylo breviter subulato brevior.

49 ~~50~~  
radicalis 49 Scirpus capitulo hemisphaerico, in volucrio polyphylo Thunb. prodr. 10 +

~~Scirpus~~ <sup>Schoenus</sup> radiatus; culmo terditiusculo, capitulo subrotundo, in volucrio ~~dito~~  
phylo longissimo Lin. suppl. 101.

Habitat ad Cap. b. ppei & ~~plura~~ <sup>plura</sup>, ~~Spithamara~~

Culmus ~~aphyllus~~ <sup>terditiusculus</sup> palmans, ~~folia~~ <sup>folia</sup> radii abiaptineana, canaliculata,

Herediarius  
tus.

rigidiuscula, laevia. Capitulum magnitudine pruni. In volucrio longi-

dine culmi; foliola lanceolata, foliis triplo <sup>tra</sup> latius, flavum: foliola alia  
inter ~~acervos~~ <sup>florum</sup> in volucrio similia, sed minora. Flores ex 8 squamis parvis, lacinis

latis, uni flori, omnibus a basi acervorum nec imbricati. Stamina tria.

Stylus unicui. Semina absque pappo. Setae nullae. Lin. l. l.

articulatus / calmo tereti nudo ~~capitulo~~ semigenulato, capitulo glomerato la-  
terali lin. spec. pl. pag. 70 + Rottb. gram. pag. 53.

~~Sp. pl. Rheed. Mal. 12. p. 135. v. 71.~~

~~Scirpus fistulosus: calmo pubulato nudo, basi vaginato, capitulo laterali totid.~~  
~~habitat in Malabano, Aegypti aquis arenosis. Bonati~~

~~culmi plures sesquipedales erecti et nati basi vaginati infra  
capitulum in geniculati attenuati. capitulum infra  
medium globosum et siccis plurimis aggregatum magnitu-  
dine Ceropi. Sicut oblonga squama ovato concavo ferrugineo  
apice dorso versus apicem vincti. Semen Inguetrum  
nigrum~~



47

cornarius ~~Scirpus~~ *Scirpus* capitulo ~~longioribus~~ <sup>involucro</sup> ~~longioribus~~ <sup>tristaphyllo elongato</sup> globoso squamis acutis, foliis setaceis,  
 vaginis ore nudis

Habitat in nemorosis prope ~~Aschendorum~~ <sup>Aschendorum</sup> ~~Cono~~ <sup>Cono</sup> et nullibi aliter obser-  
 vata König

*Cacis* Kyllingae mono Culmi plures, <sup>filiformis</sup> ~~triquetri~~ <sup>triquetri</sup> ~~spithamei~~ <sup>setacei</sup>, ~~setacei~~ <sup>triquetri</sup>; basi bulbosi,  
 cephalae folia culmo multo breviora, filiformia, carinata, apice laevia.

Involucrum subtristaphyllum, patens <sup>proximum</sup> ~~capitulo~~ <sup>longius</sup>.  
 Capitulum <sup>riso</sup> ~~riso~~ <sup>major</sup>. <sup>al</sup> ~~spiculae~~ <sup>plures</sup>, ~~laete imbricatae~~ <sup>squamae</sup> ~~valvatae~~.  
 lineari-lanceolatae, striatae. Stylus bipidus. Semen oblongum,  
 trigonum, fuscum. Setae nullae

Gramen ~~Benghartense~~ <sup>pubescentissimum</sup>. <sup>ae</sup> ~~spiculae~~ <sup>obovatae</sup>, ~~niveae~~  
 : squamae ~~refusae~~. Stamen ~~unicum~~ König.

Praxis ~~sema~~ <sup>a ramo</sup> ~~spicula~~ <sup>intra</sup> ~~capitulum~~ <sup>sessilis</sup>. Squamae ~~non mucrona-~~  
 tae ut in antecedente, nec apice patulae.

romanus L. Culmo tereti nudo, capitulo laterali conglobato, bractea reflexa

Pneippon Jacq. fl. austr. 5. Tab. 440.

Scirpus capitulo singulari, radice tomentosa Barr. ii. 253.

Scy. 3.

Scirpoides acutum maritimum, capitulo glomerato solitario

Pcheuchz. gran. 373. Mich. gen. 452.

B - Tuncus minor acutus manducis prole fer. ex uno capitulo  
setto multa Platin. alm 200. 4. 40. Scy. 5.

habes secundum Habitat in g. provincia, Romo 2

Smith. nil aliud  
quam varietas holo  
Sphoni

Radix repens articulata, articulus brevibus squamatis squamis  
cili cratis Culmi ex articulo confecti <sup>10. 4.</sup> erecti pedales et  
ultra teretes superne altero latere plani basi vaginam  
aeolatis vestiti ex lanibus brevibus rigidioribus rariis  
longioribus membranaceis laevibus. Folia duo foliolata  
teretia convoluta Culmo brevior interdum altero latere  
canaliculato altero latere convexo. Capitulum superne  
globosum. involucrium diphyllum alter longior & culmum

mei haud nota <sup>Flis teretibus</sup> patentissimum alter brevius reflexum. Capitulum  
globosum Ceratophorum squamis cratis marginis femineis

45 46  
membranaceus ~~45~~ <sup>7</sup> Sesipus capitulo angulato, glumis <sup>glumis</sup> ~~glumis~~ <sup>glumis</sup> ovatis membranaceis  
in involucri triphylo Thunb. prodr. 17 +

~~Sesipus membranaceus, capitulo angulato, glumis ovatis membranaceis,  
in involucri triphylo Thunb. prodr. vel cap. 17.~~

Habitat in Cap. b. 8 rei

quingue radiatus <sup>culmo nido</sup> *Scorpus umbellata simplicis involvens diphyllo breviora, radiis 3 vel 5*  
*unifloris, speculis ovatis*  
*Habitat in Guinea. Test.*

*Culmi* <sup>triquetri,</sup> *cespitosi, spatulatos, filiformes, basi folio uno alterove culmo*  
*altiori, angustiora, extus striata, inferne margine ciliata. Vagina*  
*margine villosa, proseta superiore prope folium. Radii squae cum capi*  
*tulo sessili in centro, compressi, semi pollicares, inaequales, uniflori*  
*vel 2-3 flori: flori alter vel intermediis sessilibus. Squae duplo majoresquam*  
*in dichotomo. Squama ovata, acuta, utrinque ferruginea. Stylus*  
*curvus, margine ciliatus, bifidus, basi latior. Semen ovatum, albidum.*  
*Squamae vel filamenta duo adhaerent. Involucrum diphyllosum: foliolum*  
*alterum umbella parum longius, alter brevius, margine inferne villo*  
*sa, compressa, acuta.*

44

45

laciniatus 44 Scirpus capitulo triangulari, glumis ovatis ciliatis, involucrio diphyello  
to Thunb. prodr 17 +

Scirpus laciniatus; capitulo triangulari, glumis ovatis ciliatis,  
involucrio diphyello Thunb. prodr. fl. cap. 17.

Habitat in Cap. b. Spei

~~Scirpus ovatus, glumis subamfratis: Elytrima bifurcata Kun  
Journ. p. 115. f. v. p. 127  
Habitat in Sibiria~~

membranaceus L. culmo ~~veret~~, capitulo angulato, glumis ovatis membranaceis, involucri triplicis Kunth. prodr. fl. cap. pag. 17  
Habitat in Cap. b. p. p.

non vidi

J. Kunth

43

truncatus

44

Scirpus capitulo glomerato globoso, involucrio diphylo, foliis  
linearibus, culmo tereti Thunb. prodr. fl. cap. 17. +  
Habitat in Cap. b. Spei

~~Habitat in Cap. b. Spei  
culmo pedunculato, foliis  
linearibus, tereti uti  
scirpus~~

culmo pedunculato





42 ~~44~~  
Fastigiatus ~~37~~ Sirpus capitulo convexo compresso, glumis ceterisque multinatis,  
involucro nullo, culmo filiformi Thunb. prod. 10. †  
Habitat in Cap. b. Spei.

*Lycarosa Eurenica*

Habitat in Carolina Richard

Cedroni <sup>5.7</sup> pedales. Folia ciliata. Capitula 5.7. Spicula interdum prolefera.

Spicula terro

habes

41 ~~5~~ <sup>oblongis ternis</sup>  
trispicatus Scirpus spicis tribus terminalibus, culmo angulato aphylo  
Thunb. prodr. 174

# Scirpus trispicatus; culmo angulato nudo, spicis terminalibus  
culmo angulato ternis sessilibus nudis Lin. Suppl. 103.  
aphylo, spicis Scirpus Sparmanni Lamark. illustr. 1. p. 140  
tribus terminalibus Habitat in Cap. b. spei  
Thunb. prodr.

17

Culmi plures, pedales-bipedales, sulcati, folia vix ulla nisi  
squamas ferrugineas radicales. Spicae ~~oblongae, parvae, aequales, erectae~~  
Involucrum polyphyllum: foliis subulatis brevissimis. Spicae parvae, oblongae, aequales, erectae Lin. l.  
c.

obtusifolius Scribn.

Habitat

herb. la. Manthi

Folia glauca, <sup>cordata</sup> angustissima, linearia. Involucrum diphyllum brevissimum, umbellata proplex. Capitula oblonga, saepe gemina