

1.

Wright's Hongkong Gramineae.

1. Allopecurus geniculatus L. Sp. Pl. (ed. 1. p. 89. Pur: in Art: Botub: h. 5. 17. var.
 sylv: var: A. nepalensis Trin: & Steud: sylv: gram: h. 148. fide Wall: Cal:
 37 p. A. navicularis Hb: Ham. botan. A. australis Nees fide L. D. H. in
 N. Pasm: 2. p. 109. A. bulbosus Linn: fide Benth: in Bot: Pl: h. 502. A.
 brevis Pur: fide Pongy in Whitfield's plants p. 154. Hab: "Hongkong in
 fields." a dwarf character in the specimens.

Dist: Europe generally. England! Russia. Ind: Br:! Patna, Koonamul!
 Affghanistan! Gushwal! Bombay! Hongkong! Japan! N. America
 Columbia River! California. Canada! N. I. Wales. New Zealand!
 Tasmania! Whitford Sound!..

2. Paspalum brevisolium Plüggel Memor. p. 150. No 27. Kth: var. Pl: st: p. 25. P. longi:
 florum Retz: Bot: 1. p. 11. fide Hb: Kth! P. filiforme Plüggel var Sw:
 P. foliculone Nees nos: P. crenatoides Schult: nart: 2. 171. P. vossianum
 Edgewood. P. hirsutum Retz: Bot: var culms abis hirsute. P. chinense

Nees, forma lucasiana species numerosis = Panicum luteum Aub: P. l. 1.
 h. 291. Paspalum minutiflorum Steud l. 2. eadem forma Panicum filiforme
 Linn: & Hb: Nord: P. parvulum Pur: in Art: Botub: h. 2. 205. Milium
 filiforme Aub: P. l. 214 & Hb: Nord: Medium distansum Hb: Kth! Th.
 Kanejio et Th. Radialium Hb: Kth! Hab: "Hongkong, mountain sides"
 "Whampoa, hills." "Lemna island summit of hills."

This plant varies much in pubescence and height. P. brevisolium repes-
 sents the prostrate form, P. foliculone the same upright. The upper nodes
 are often glabrous the lower often hirsute. In the same plant, ^{one} the culms has
 peculiarly long hairs towards the top whilst another has none at all.
 The leaves have often long hairs on the margin. Sometimes the
 vagines are very hirsute all over, sometimes on the keel only and sometimes
 quite glabrous except the lowest, which are always more or less hirsute.
 The spikes vary from 2 to 5 to several. The flowers are often solitary varying
 with 2 or 4 together in the same raceme. I doubt but unless that P.
 glabrum is quite distinct.

Brit: Ind: Br: Madras! Courtallum! Nedgherries! Selhet! Dacca!
 Madagadiv! Punjab! N. Himalayas! P. Himalayas (Pomrang!
 Lachong! Szechuenensis.) Malacca! China. Hongkong! Whampoa! Lemna
 Island. N. America! var. rachicarpum. Texas! var. chinensis hirsutiss:
 Brasil.

- 3. *Paspalum scrobiculatum* L. Mant. 1. 29. (See London Grasses).
 Hab: Hong Kong, S. Ind. on hill sides in shade bushes "a var with the lower leaves and vagina very pubescent - Whampoa leaves hairy towards the base 2-5 striatis. Sumatra Island along rivulets can striatane 4-5 striatis.
- 4. *Orizochloa auriculata* Kth Gram. 1. 30 et. Br. Gram. 1. 72 cum syn. *auriculata*
Mitilium ramosum HB: Kottl. & HB: Mart!
 Hab: "Sumatra Island, damp hill sides."
 Ind: Ind: Br: Madras! Bengal! Madagad! Meersat! Khassia
 Sikkim! Philippine Islands & Montevideo. Sumatra Island!
- 5. *Panicum (Digitaria) ciliare* Retz: Bot. 14. p. 16. HB: Kottl! Mart. P. I. 1. 290. Kth Gram. 1. 32 cum syn. P. Kottl. Kth Gram. 1. 33. P. (L.) Kunze.
Pana Pers. Pina Hoya in HB: Kottl! P. (L.) *Heteranthum* Nees in Retz: Mey. 1. 174. P. *vicorne* Kth 3. c. Hab: Hong Kong Happy Valley. Sarc. "a creeping var with only 2 striatis. Most likely only a form of P. sanguinalis. L.
 Dist: P. Lurpa. Canaries! Ind: Br: Madras! Poona! Java. Hong Kong!
 China. C. N. S. N. Holland.
- 6. *Panicum (Digitaria) sanguinalis* L. sp. Pl. Ed. 1. 24. (see London Grasses)
 Hab: "Hong Kong, rice fields", with 2-5 striatis, var *commutatum*, "Sumatra Island damp places on hill sides" with many alternate striatis, the true P. sanguinalis
- 7. *Panicum villosum* Lam: Ill. 1. 172. P. *vestitum* Nees var. in HB: Boyle!
 now *lantha* see Pinnus. P. *nanum* Nees var. et. Steud: syn. gram. 1. 62. P. *coarsipermum* Steud. l. c. Hab: "Whampoa hills with tufted."
 Dist: Ind: Br: Hindustan S. & W. Sindh! Musorie! Nepal. Ceylon! Hong Kong!
- 8. *Panicum cochamoides* Retz: Bot. 14. 17. *vide* HB: Kottl! P. *abigerum* var. Mart. P. I. 1. 300 *vide* HB: Kottl! Hab: "Lumsing-sura damp ground."
 I am much inclined to believe that this plant is identical with *Panicum arenarium* Brot: found in most parts of the world.
- 9. P. *montanum* Mart. P. I. 1. 310. P. *vestitum* Nees in Wright Herb.
 var. Retz: P. *fontanense* Nees et. W. Steud l. c. 33. P. *cuchum* var. Steud. l. c. 1. 90. Hab: "Hong Kong & Thibet's Sumatra Island" R. *pauciflora* more thickly flowered than in the Indian specimens generally.
 Dist: Ind: Br: Madras! Cautellum. Forig! Cincus. Salsette. Sikkim. Assam! Mergui! Hong Kong!

- 10. *Panicum sarmentosum* Mart. P. I. Ed. 1. 311 (1820) *vide* HB: Mart! P. *incomptum* Poir: 2nd Ess: 1. 200. P. *concursum* Retz: (in Hook: Jour: Bot: 1850. p. 97. P. *pubescens* HB: Kottl!
 Hab: "Hong Kong ravines spreading and hanging."
 I have compared this plant with *Panicum* specimens at the British Museum and as his name was published in 1820 it must take precedence of *Panicum* name published at a later date. *Panicum* name in review is an excellent one as the plant creeps extensively for 50 feet and upwards over hills.
 Dist: ^{Ind: Br:} "Sonnar! Assam! Sumatra! Malacca. Philippine Islands! Java! Hong Kong!"
- 11. *Panicum indicum* Linn: Mant: 184 et. Herb: Linn! Poir: Sen: xxviii 197-*Vanopis elongata* = P. *angustum* Poir: Sen: xxviii 1. 334. et. in Act: Petub: vi. 2. 294. Nees in Retz: Mey: 1. 175. P. *conglomeratum* HB: Kottl!
P. umbrosum W. & A. P. *neovum* HB: Heyne! P. *angustissimum* Hochst: *vide* Kunze 1848!
 Hab: "Hong Kong & Whampoa fields and hills near rivulets."
 This plant does not vary as much as its various name would appear to imply except in length of the spike which varies from 1/2 to 1 inch in length. The flowers are as often pubescent as glabrous and the nerves of the lower glumes are often very inconspicuous. I am inclined to believe that P. *congratum* Linn: P. *interruptum* Wedd: = P. *abigerum* HB: Kottl! and P. *albifidius* Poir are extremely near P. *indicum*, Linn.
 Dist: Ind: Br: Madras! Bingle! Sumbulpore! Madagad! Assam! Sikkim! Madras! Khassia hills! Ceylon! Mergui! Philippine Islands! China! Hong Kong!
- 12. *Schranthus pallens* (Munro) *Panicum pallens* Sw: Prodr: 27. Poir in Act: Petub: vi. 2. 320.
 Hab: "Hong Kong prostrate in shady thickets."
 This is one of the forms of *Schranthus* indicated by two words at the base of the hermaphrodite flower which is not much more than half the length of the male or neutral lower one. I have several S. American specimens for comparison and can point out no difference between them and the Hong Kong plants.
 Dist: Ind: Br: Assam! (Annie! Bir Kasee! P. Hindustan.) Hong Kong!
 Ind: Br: Guiana! Brazil! Bahia! Parana! Surinam! Rio Negro!

13. Isachne australis H. B. K. Peru. 1. 191. var. florula superi. pubes.
 var. = I. mitis Nutt. var. fl. sh. p. 58. I. muricata H. B. K. in
 Bot. Beechey's Voyage. I. atrivirens Pur. bot. 11. p. 251. I. javanica
 Nees. Panicum muricatum Nees. Bot. 14. 10. P. antipodum Steud.
 Trin. P. adstantis Steud. syn. p. 95 fide Cuming 2208. P. lepidulum
 Steud. l.c. P. batabianum Steud. l.c. P. Benjamini Steud. l.c. P.
latens? Nutt. P. 1. 1. 205. Aira? retiana H. B. K.!

Hab: "Hongkong wet valleys near the tops of Mountains."

I have no doubt of the identity of these synonyms. I. australis is
 supposed to have always both flowers glabrous but a few specimens I
 have from N. Zealand the upper flowers although the glumes is
 sometimes decidedly hirsute. Moreover the plant does not vary
 much. The glumes are occasionally hirsute all over, sometimes
 glabrous and sometimes hirsute at the top only.

Dist: Ind: Or: Madras! Panjoe Neelgherries! Ponniah! Can-
 can! E. & W. Himalayas! Malacca! Philippines Islands! Hongkong!
 Java! Japan! N. Holland! N. Zealand!

14. Isachne unguis Kats. l. in Hook. Jour. Bot. 1850. L. 98. Walp.
 Ann. 3. 720.

Hab: "Hongkong in wet places."

These are perfect specimens 1/2 foot long whereas those previously
 described by Steud were imperfect and undeveloped specimens. Both
 flowers are hirsute or scaly and the glumes very hirsute. It ap-
 proaches to Isachne deshayi Pur. but differs in the fewer rows
 to the leaves, the absence of a stipule the hirsute glumes and the
 besence of both flowers.

Dist: Philippines Islands! Hongkong!

15. Oplismenus (Seturochloa) colosus H. B. K. var. gen. 1. 109.

Panicum colosum Linn. Pur. in Act. Petrop. VI. 3. 213 var. 192. n. n.

Hab: "Hongkong, rice fields"

Dist: Europe! Asia! Africa! America! N. Holland!

16. Oplis (Setis) crus Galli Kunth. Gram. 1. 44. var. = Oplis:

(Echin) hispidulum Kunth. L. c. Pur. in Act. Petrop. VI. 3. 214 var. 192. n. n.

Hab: "Whampoa, river banks." one of the specimens as the var. called locinus by Kats. l.

Dist: Europe! Asia! Africa! America! Australia!

17. Setaria glauca. R. de B. Agw: L. 51. Panicum glaucum. L. sp. Pl. Pa: 2. Pin: in Act: Bot: vi. 3. 221 cum synonymis.
 Hab: "Hong Kong and Whampoa. Hills and Rice fields."
 Some of the Whampoa specimens are the variety called S. paniculata by Nees but that is only distinguished as a variety by having long leaves.
 Dist: Ubique. -

18. Arundinella (Acrothierum) nuticoma Link. Hort: Nor: 1. p. 220 (1827) A. Nepalensis Pin: Biss: 11. L. 12. Sem: xxiii. 260 & in Act: Bot: vi. 3. 335. A. glabrum Hook: & Arz: in Bot: to Beechin try: 2. 237.
 Hab: "Hong Kong, hill sides."

A fine specimen 5 1/2 feet high with the leaves almost glabrous.
 Dist: Ind: Or: P. & W. Himalayas! Punjab! Darjeeling! Philippine Islands: Lappas Island! Hong Kong!

19. Arun: (Miliosaccharum) setosa Pin: Biss: 11. L. 13. in Act: Bot: vi. 3. 335. A. hirsuta Nees in Steud 192: L. 115.

Hab: "Hong Kong, mountain sides." Containing the tuercite and the almost glabrous fronds.
A. nervosa R. de B. is most probably the same as this.
 Dist: Ind: Or: W. Himalayas. Simla! Mussoorie! P. Himalayas! Hong Kong!

20. Arun: (Milios:) stricta R. de B. in Hort: Nor: Bot: 1850. L. 102 Steud. 192: L. 115. now A. stricta Arz: which is A. Wallichii Nees. A. caerulea Hb: Kth!

Hab: "Hong Kong ravines in thin bunches. Can-veg-uous hill sides."
 The latter is an imperfect state.
 I believe this will prove to be merely a variety of A. setosa Pin: It differs from it in being slender, glabrous and with rather larger leaves.
 Dist: Ind: Or: Madras! Andamab! Behan! Soane Nides! Philippine Islands! Hong Kong!

21. Physanthera acarifera. Nees in Schreb: Misc: Inno: xxviii. 100 et in Nelsq: Neg: L. 184. Panicum acarifera Pin: in Act: Bot: vi. 3. 290. Melica latifolia Nutt: P. B. 1. 220. Agrostis latifolia Hb: Herp: fide Nutt!

Hab: "Hong Kong Hill sides."
 Dist: Ind: Or: Gams Hills. Sambalpur. W. Himalayas! Gueh Nungjit (P. Himalayas). Mergui! Hong Kong! -

22. Berghansia mutica Munro. n. s. Naenus decompusita,
 pedicellis apice barbatis, spiculis univariis sectis puberis; foliis brevibus
 utriusque attenuatis margine folio basi puberulis, vaginis glabris acutis
 apice longe spiculis. Culmus glaber 1 1/2 - 2 1/4 ped: Poda per pedicellata
 basi quam maxime attenuata 1-2 pedes longa. Nodis non. umbra brevissime
 vagina soluta conspicua uncinata Glume puberulis; aequalibus.

Hab: "Hong Kong Rocky cliffs."

This very small herb may be Miquelii barbelata N. ch. S. & Reis:
 Meyer. l. 170. described these from imperfect specimens but no mention is made
 as to whether the plant was raised in America. (Miquelii must of course
 be changed, as there were two previous Miquelias, one of Blume and one of
Meisner.) From B. latula this differs in having the flowers longer, the
 lateral and upper pedicels much longer and very much further (often
 nearly an inch) apart. B. patula is also named.

Dist: Hong Kong!

23. Berghansia patula Munro. n. s. Naenus decompusita, pedicellis
 apice barbatis, spiculis univariis sectis simplicibus basi non trita an-
tilis, foliis brevibus lanceolatis utriusque attenuatis. — Culmus stilis:
 superior glaber simplex 2-4 1/2 ped: Poda basi angustata fere actin-
ata ut in Miquelii quosdam mediis 4 1/2 ba: lata trita asperula
 foliis sparsis longis trita apice acutissima vagina basi soluta glabra
 vel apice trita. Naenus decompusitus patuliss ramis fere
repentis solitariis a basi divinis longioribus 3 1/2 pub: lucis.
Naenus scabi scabellus pedicellis appressatis 2 stans sectis.
 Glume trivariis varians acuta vel setosis annunciata vel obtusis vel
ex apice emarginato setosis. seta puberuli hemisphaeruli recta scabi.

Hab: "Hong Kong. Banks of ravines or very small tufts."

Inward from this looks very like Muhlenbergia but the glume and
 all are articulated with the pedicel and moreover the glume is evidently
 wanting. Flowers smaller and of a deeper color than in M. mutica. Leaves
 more sectis and broader but otherwise even to the very short measured
radical leaves this appears closely to belong to M. mutica. The
 glume is more variable than in any other grass I am acquainted with. Other species of this genus
 all from Ind: as M. conchallensis. Ind: M. suspania, M. polygymoides, M. adscendens. Munro.
 Dist: Hong Kong!

24. Arctida (Chortaria) (Chinensis Munro. n. s. Panicula 10 follic:
 usque ad pedalis patula inserta radiis solitariis geminis vel usque
ad basi trifloratis patulis 1-6 uncibus mutantibus ad axillas
barbatis super his decoloratis quorundam axillis super barbatis.
 Glume inequalis, inferior longior 5 trialis carina subia annunciata,
super: sub 3 trialis apice saepe obtusis obtusis 1 uncibus puberulis
subsequenti. Puberulis apice non trita vel articulato setis harum
inequalibus longior 5-7 trialis lateralibus vel trialis patulis scabi.
 Culmus 1 1/2 - 2 ped: Poda rara, radicalis saepe pedalis superis
oculpa, trivariis annunciata et carinulata. Ligula ciliata.

Hab: "Sun-sung-moo hill sides and Manswa"

This approaches A. Hystrix L. but differs in the size of the parts of the
 panicle or the much more delicate and long branched branches of the more
 expanded panicle but more particularly in the structure of the panicle
 which are very remarkable and peculiar in Hystrix. This also approaches
A. biflora N. ch. S. and in many respects to A. divaricata H. B. K. and
A. Jacquesiana Pansch: but these two are well distinguished by the
 limited area to the panicle.

25. Horobolus elongatus R. Br. Pan. 1 170. (See Sapan Grasses.)

Hab: "Hong Kong streets & waste grounds". Also "Hill sides culms appressed
 solitary or few". This is var: magna.

26. Amorpha Madagascariensis N. B. Gram. 1 272. t. 40 A. Madagascariensis
N. B. t. 49. A. Henriciana. Hort. Botan Monarchie N. de H. Agri 170.
t. 16. p. 5. Arctida amurica Leu: Herb: Phragmites Lobingeri Munro
Ind: 307!

Hab: "Hong Kong hill sides etc. tufted". A very fine specimen the most
 perfect I have seen. De luvish vagina very hispid almost woody.

Dist: Ind: or: Sylhet! Calcutta! Benar! Manam! Alunah! W. H. C.
malayas! Cashmir! Assam! Pyne! Sawadong! Madagascar!
Sava! Philippine Islands! J. Mura! Hong Kong!

27. Microchloa ostreica. N. B. Pan. 1 200. N. B. Gram. t. 250. ann 142. P. de H.
Agri t. 20. p. 5 var "M. Indica" var ostreica.

Hab: "Hong Kong. Happy valley or said" & "Whampoa Hills or small tufts."
 Dist: Ind: or: Madras! Benar! Calcutta! Benar! Benar! Benar!
Hong Kong! Mexico 2. Pan! Montevideo. N. Holland.

28. Dactyloctenium aegyptiacum Willd: Ann: 1829. N^o Ann: 1. 261
 can sup: P. de H. Argent: 1. xv. p. 2. Cyrosurus aegyptiacus Abt. Nelt!
 Dact: australis Nees: un. 1. 212. D. cristatum Lich.
 Hab: "Maunpwa fields." a tall erect form 2-3 ft high. - "Hong Kong
 fields." a dwarf prostrate form with leaves hairy on the margin =
 D. prostratum Willd: D. Pigarii Nutt: A similar state is met from
 Para. by Spruce.

^{P. Europe}
 Dist: Ind: Br: Madras! Bangalore! Ponnah! (avar with white sugar and)
 Delhi! Agri: Calcutta! Ceylon! Malacca! Davis Island!
 Hongkong! Cairo! Arabia! Para! Florida! Brazil.

29. Tragus prostratus uncinoides. Nees n. s. Stud. 191: 264. P. uncinoides
 W. & A. et Steud in Nees: Myc: p. 208 n. Noa uncinoides Swartz: Herb: *
 P. cuneata Nees. L. c. 287. fide Cuming N^o 2420: Noa uncinoides
 P. et Steud: P. 1. 1. 339 & Hb: Herb: ! Prostratus Swartz: M: 1. 45. p. 2.
 Hab: "Hong Kong Rice fields" a dwarf state 2-4 inches in length.

Dist: Ind: Br: Peninsula! Malabar! Neelgherries! Deccan! Concan!
 Dehra Dhon! N. Himalayas Almora! Sindh! P. Himalayas
 Puntong! Pambur River! Assam! Shergui! Ceylon! Singapore!
 Malacca! Philippine Islands! Java! China! Hongkong!

30. Tragus Brousei Steud. n. s. Steud 191: 1. 279. P. busniensis Steud.
 L. c. p. 266 fide Cuming 1416! Noa polyantha H. Mi Prod. 1. 100. P. Brousei
 N^o 1. 1. p. 333. P. mucronata Nees: un. 1. 1. 14. P. gangetica Nutt.
 P. 1. 1. p. 240 & Hb: Herb: !

Hab: "Hong Kong Rice fields." a dark coloured species. "Along mountain
 swales and in crevices of rocks & hill sides in small tufts" A var: with very
 narrow leaves and light coloured flowers including one strong specimen branched
 at the base. "Lam - Day Island. In small bunches in crevices of rocks" a
 strong form specimen with flattened stems. "Happy Valley, Sunday" &
 "Lam - Day - more damp grounds" similar to the last var.

Wright's Coll: contains a very full set of specimens and the plant well
 deserves the name of polyantha. Still I think the red affords a very
 good and safe distinction. It is larger than any allied Tragus is very
 strongly striated and is decidedly strong by its shape giving rather a
 character to the palea. In Zeylanice the seed is nearly oval, altho' rather
 broader at one end than the other the water is slightly impressed with a series

* Name of species in the Brit Museum is marked
 "P. uncinoides N. et Steud: Kunth: Paniceae."
 Swartz described P. uncinoides from Ponnah in Ceylon about
 about 1800 & about 18 to 20 years only called Tragus in Pambour.
 Nutt. I think has marked a spec: of P. uncinoides in Swartz's Herbarium.
 P. uncinoides and hence I suppose the mis-stroke

of venation. In *Orientalis* the seed is as nearly as possible round with uncertain markings - In *negastachya* the seeds are pointed or rather apiculate. *Widdemiana* approaches *Brousei* but the seeds are not so large and the striae are more numerous. As some seeds, even stamens, invariably to be found in every flowering species of *hagustis*? these different distinctions are easily recognizable.

Dist: Ind: B: Madras! Peninsula. N. Himalayas! Merice Pass! Kumaon! Dehra Dun! Banks of the Ganges! Ceylon! Mysore! Maldives Islands! Hongkong! N. Holland.

31. *Poa zeylanica* R. & S. in Retz: Meyen: l. 200 (See *Lodicea* grasses.)
 Hab: Hongkong. Fields "aperitica many flowered form. "Hill sides." A strong shrubby set-specimen with the hairs at the inflex of the vaguæ unusually long. "Maunpua Hills & valleys" a form narrow leaved form.

32. *P. orientalis* Poir in Ad: Petros: vi. 4. 72. Nees in Retz: Mey: l. 205. Pro sub: secundæ. Lam: Ill: 1804. Marten: l. 335. Hab: Hong "Maunpua Hills", a narrow leaved variety.

This is a good species allied to *P. tremula*. Habitat: St. Maurice = *P. nud: affina* Mart: S. but is distinguished by the very acute lower nodes.
 Dist: China Bn: Maunpua! Nepal (Poir Par.)

33. *P. pubescens* Link Hort: Berl: l. 109 (1827) *P. Milletii* W. & A. in Nees in Retz: Mey: l. 206 (1841.) *Poa pubescens* 11th Gram: l. 112. Pro sub: secundæ var. Lam: Ill: Hab: "Hong Kong Hill sides" - "Cum-sing-Tum" - "Maunpua hills" "Tyber Island here sides is small tufts" a long hair like with more flowers than usual in the spicula.

This plant has a remarkable look and set. It is very close to *P. orientalis*. The leaves are entirely hairy and the spicula are as variable as in *P. nigra*.
 Dist: China! Bn: Madras! Siam Bn! Maunpua! Tyber Island!

34. *P. pilosa* R. & S. argenti: l. 71. *Poa pilosa* Link: Sp: Ill: l. 100. 11th enum: l. 329. cumoq: *P. verticillata* R. & S. l. c. Car: Sen: l. 92! 11th enum: l. c. *Poa punctata* Lam: sub: l. 109. Mart: P. l. 330 & 331. Mart: *P. indica* Willd: = *P. capillaris* Ehrh: *Poa Japponica*. Plumb: *P. Parvii* R. & S. *P. Egyptiaca* Willd: *Poa setula* Lag: *Abyssinica*. Lag: *P. tenuiflora* Nees: *P. Kotschyana* Sp: 185!

Hab: "Maunpua June & July."

Notwithstanding the numerous names this plant bears it really varies much less than many species of *hagustis*.

Dist: Europe! Asia! Africa! N. & S. America! -

35. P. Muscosa Linn.: *Spec. h. ab: En Pl: Bras: 2. 511* cum *syn: P. ca umbellata*
Lin.: Pl: Ley: 46 & 47. Linn.: Nat. p. 300 f. 2 A. Burm: t. 47. f. 3. P. Selanusa
Nels: It. 11. 20 & 21. P. 1. 1. 337 Lili: Herb: t. 46: Hymn: P. Indochinica Hb: Hymn:!
 Hab: "Thamphae. July."
 Dist: Ind: Or: Madras Prov: ! Danganai: ! Shaverman: ! Stalgberies: ! Prugel:
 Scharanpuri: ! Dekan: ! Agra: ! Bengel: ! Assam: ! Ceylon: ! Philippinae Solana: !
 Malacca: ! Hongkong: ! Thamphae: ! Prugel: !

36. L. geniculata Nees et Mey: in *Nelis: Mey: p. 207.*
 Hab: "Hongkong rice fields and Happy Valley in Jano."
 This is very close to L. riparia Hb: l. & Poa cylindrica Nees: principally distinguished by the very minute lower leaves and perhaps it is scarcely a good species.
 Dist: Syng-moon: ! Hong-Kong: !

37. Lophatherum gracile Brong: in *Walp: Her: Bot: p. 50 t. 8 var L.*
Lehmanni Hb: l. (See Looshae grasses.)
 Hab: "Hongkong" A var: will from seta to the narrow flowers, the leaves are sometimes pubescent above and the panicle are rather viscid.
 Dist: Stalgberies: ! Hongkong: ! Nepal: ! Fins: ! Wall: ! Cey: 5000: !

38. Arundinaria Wightiana H. ab: l. *Ausprecht, Dambusia p. 24. p. 10. Tab III*
 Hab: "Hongkong Hill sides. Branching at the nodes."
 A flowering branch from evidently a very tall specimen. Lower regions culms much branched
 Dist: Stalgberies: ! Hongkong: ! Nepal: ! Fins: ! Wall: ! Cey: 5000: !

39. Dambusia verticillata Will: op: 2. 245. *Blum: Mus: Sant: l. 54 p. 55* Tab II. Hab: "Hongkong, hill sides. Cult? "
 A very interesting plant. It is very likely P. 2 var. of *Nels: & B.* glaucifolia of *Nels: who describes exactly the variation of this plant. It is certainly D. stridula* *Maerze in Hb: Drontham:!*
 Dist: Ind: Or: Ceylon: ! Java: ! Austrina: ! Hongkong: !

40. Perotis latifolia Cels: *Hort: Linn: 1. 85* var *longifolia* *Nees n. s. Steud: syn: p. 106.* P. *Hodeipone* & P. *patula* H. ab: l. Hab: "Hongkong Happy valley."
 I believe ab a var: of P. *leptophylla* with the pedicels more than usual and more spreading. The glumes also more gradually tapering.
 Dist: Ind: Or: Madras: ! Himalayas W: ! Komoran: ! Afghanistan: ! Ceylon: ! Malacca: ! China: ! Hongkong: ! Macao: ! Japan: ! C. B. I.: ! Port Natal: !

41. Imperata arundinacea Cybill *Sen: 11. L. 11.* (see Japan grasses.)
 Hab: "Hongkong mountain sides." April.

42. Pogonathosum saccharoides P. de B. *Agust: l. 176.* (see Looshae Grasses)
 Hab: "Hongkong on steep banks and hill sides in small tufts."

43. Lulalia densa Munro. (See Looshae grasses.)
 Hab: "Hongkong. Mountain and rocky ravines growing in tufts." There are large strong young plants with broad leaves quite similar to *Comis's* specimens from the *Philippine Islands.*

44. Cyrtocarpa uniceca L. H: *Bl: Det: p. 1488* No 1. *See in Nels: Mey: p. 192* cum *syn: n. s.*
 Hab: "Thamphae and Pybe Island in small tufts."
 Dist: Ind: Or: Ponnasula: ! Bengel: ! Manilla: ! Java: ! China: ! Malacca: ! Syng Moon: ! Thamphae: ! Pige Island: !

45. Andropogon (Schizachyris) breviflorus Sw: *Pl: Sec: Dec: 1. 209. Hth Cunn: p. 488* cum *syn: Andropogon breviflorus* *Nels: P. l. 1. 274. & P. l. c. n. s. tab: 877.*
 Hab: "Hongkong."
 Dist: Ind: Or: Ceylon: ! Nepal: ! Tibet: ! Hongkong: ! Shanghai: ! Java: ! Seragal: ! Borneo: ! Ind: Or: Samaria: ! Guiana: ! Portorio: ! Rio Negro: !

46. Andropogon (Schiz.) zeyherianus *Ar: n. s. Androp: pseudogonys. Steud: syn: 515.*
 Hab: "Hongkong, hill sides. Cun-sung-sun."
 Very close to *A. (L.) semiberbis* *Steud in Agust: Bras: p. 306* principally distinguished by the form of the ventral pedicel a very uncertain character in *Andropogon.*
 Dist: (P. Himalayas.) ! Siam: ! Ponnasula: ! Ioroye: ! Ceylon: ! Hongkong: !

47. Andropogon (Cymbopogon) Martiana *Nels: P. l. 1. 277.* (see Looshae Grasses.)
 Hab: "Cun-sung-sun. & Thamphae hill sides." Both are variety *caesia* *H. ab: l. with a deep pit at the base of the lower glume of the fertile spikelet.*
 48. Andropogon (Ampelodesmos) montanus *Nels: P. l. 1. 277.* (see Looshae Grasses.)
 Hab: "Thamphae hills." One is the var: called *(Cymbopogon strictus* *H. ab: l.*

49. Heteropogon viridis Pers: *Syn: 2. l. 530. (1807.)* H. *contortus* *Retz: Sch: 2. 836.* (1817) *H. Hookerii* *W. & A. & Steud: in Nels: Mey: p. 100.* H. *polyotanthus* *Schult: n. s. & Steud: l. c. Andropogon contortus* *Sw: & Nels: P. l. 1. 252.* A. *Hookerianus* & *A. digantha* *Hook: Steud: syn: p. 360.*
 Hab: "Lam tong Island in crevices of rocks." This is var: *polyotanthus.*
 Dist: Ind: Or: Pugganessonia - Malacca: ! Philippinae Islands: ! China: ! Macao: ! Syng-moon: ! Hongkong: ! Bugei: ! H. Hb: ! C. B. I.: ! Mexico: ! New Mexico: !

50. Phragmites ariculatus Poir: *Pand: 100* et in *And: Petrop: l. vii. 316.* *Hook: in Ar: in Beechey's voyage. C. trivialis* *Retz: l. n. s. et in Nels: Mey: p. 102.* C. *Javanicum*

A. ch. l. n. 50. & Stand: syn: 291. Andropogon acicularis Retz: A. aciculatus

Herb. P. L. 1. 262. Hb. Hamb. & Hb. Berl.

Hab: Hongkong.

Dist: Ind: Or: Madras Peninsula: Bergh: Moradabad: Mandlaur:!

Shantung: Philippine Islands: Malacca: Hongkong: Cochinchina: Siam: Munn: Baku.

51. *Andropogon Wrightii* (Munro) n. s. *Spica bifida. Spiculae inferius seso:*

gluma externa 3 nervia truncata obtusissima, basi flava apice rubro

marginata fimbriata nervis apice obtusis. Plosculis hermaphroditi

musis nisi vagini spica aristati. Arista 9 linearis. Plosculis inferius

mus: palea glumae superantes. Culmus canoso 1 1/2 - 2 pedalis, ra-

gibus glumis glomeratis vel grandis trisectis autis apice ple-

numere setosis, Plos. l. - laceratis 1-5 uncialibus 2-3 lin. latis su-

perantibus latis asperis acutis basi plerumque tubro-setosis, su-

peris nervosis - Ligula membranacea brevis 2-3 linearis. Spica 1-

1 1/2 pedalis. Plos: inf: masculus 2 pedalis palea apice fimbriata

sub-spicantibus -

Hab: "Cun-say-moon Hill sides."

In most respects this approaches A. Rayburnii Nees in C. Hb. Herb.

41. 220 = Andropogon Hirsutus Steud. syn. 277 and A. polearius Pa.

but the lower glume is very different in appearance and the wherry red tips

to the glumes and helix are very distinctive. The same parts as A. Rayburnii

are of yellow tinge ^{with} and the base of the glume almost purple. The leaves

are also under and serrated.

Dist: Hongkong!

52. *Andropogon villosus* Stees in Herb. Bot: Beecher's Voy. acc.

Andropogon Helicoides Steud: syn. l. 272.

Hab: "Hillside Hongkong & Cun-say-moon" "Pigeon Island"

This is very closely allied to A. thymoides L. ch. C. a species subject to

great variations.

Dist: China! Hongkong!

53. *Mesochium barbatum* P. de B. Agrost. L. 111. P. Indiantone

Stes in Herb: Meyer: l. 195 vaginis setis. P. Meyenianum Nees. l. c. 157

sem spicula pedicellata mascula saginis trisectis. P. Neesianum Arzvi =

Andropogon Cumbertii Steud: syn: 275. var glumae infer: transversim rugosa.

Ischemum barbatum Hb. Berl! I. umbro P. in Act. Bot. 111. 2. 292.

I. citiare. Pin l.c. Herb: "Hong Kong - Cum suis Pura Lam-tung Island Hill sides."

Wright's Coll: contains a very full series and has enabled me to convince myself of the identity of all the species named above. The leaves are sometimes cordate at the base and sometimes they take into a petiole of considerable length. The veins vary much in number; in the Syng-nom plants they are generally very hairy. The lower plane varies in having from 2 to 4 or 5 nodules on each side sometimes extending from one side across to the other and thus constituting the var: *I. heersianum*. The pedicellate spikelets often contain a few flowers and quite as often is without one as is the case in some forms of *I. heersianum*. The lower dome of this spikelet has also sometimes 2 or 3 nodules near the base.

Dist: Ind: Br: Sauratallum? Salsette? Concan? Ceylon? Macao? Siam? Maurit? Hong Kong? Pigeon Island?

54. *Ischaerum heersioides* Munro in St. Seemann. n. s. Spica

simplex unilateralis curvata, glumâ spicula sessilibus inferius oblongâ pectinata apice muscivora nec alata. Spiculae pedicellatae tabescentes. Pila plana anguste linearis obovata, superius brevissimum. — Culmibus ramosis scabrotis-hirsutis, 4 nodis nodo supremo ab apice distante. Pila infer: 2-3 poll: longa 1 lin: lata glabra vel hirsuta basi pubescente. Spica 1 uncialis. Miculae sess: glumae inferius 1-1 1/2 lin: longa glabra vel hirsuta plana ovali Marga pallida 5-7 nervis, lateribus aequalibus ciliis scabris ferrugineis longe ciliatis, apice muscivora nec ullo modo alata. Glumae super: 3 nervis carinatae carinae dimidiis superius alatae. Plurimae glumae subremantes inferius nasc: stami 3 ad locum 2 obtusis apice crenatis. Pila super: hemisphaer: stylis variis saepe divergentibus dodiculis 2 obtusis Herb: "Whampoa & Linné Island Genoa & West Coast."

In description this name very due to *I. pectinatum* but it is undoubtedly distinct. The curved spike general hirsuteness of the plant very slender stem narrow leaves and total absence of a wing to the lower glume are quite good marks.

Dist: Whampoa? Linné Island? Hong Kong?

55. Ischaemum Aphinoides Munro. n. sp. Spike simple semi-cylindrical, involucre convex, glume spiculate sess: quadrato oblongo scarina alata retusa margine exteriori ciliis perpanis absconditis pectinatis. Spike pedicellata debentis. Pili plane brevis dense basi contracta et ciliata. Culmibus prostratis basi rariis cum pedunculis raris semipedatis. Pili infer: 1-2 subt: longi 1-1 1/2 lin: latis. Ligula breviss: ciliata. Spike 1-2 subt: longi 1-1 1/2 lin: latis: plane glabra. Glumens: 7 nervis. sub: carinata 3 nervis. Pili utrumque bipolares fere bipolares

Hab: "Wampoa Hills" June & July

This has a very peculiar look of Aphinoides, the spike is rounded on one side and flattened on the other. The leaves are short and the verges very hairy at the mouth. The cilia on the lower glume are very small and not easily discovered.

Det: Wampoa!

Analysis.

	Total Species.	New species.	Probably introduced	None but have seen for Hongkong & the neighborhood but not in Wright's list.
Phalarides.	1		1	
Oryzaceae				1 spec
Panicum.	14		3	8 spec
Poaceae.	11	2 new species		
Stipaceae	1	1		
Agrostoides	1			
Amniclineae	1			1
Almudica	2		1	1
Poaceae	9			5
Bambusae.	2		1	2
Andropogoneae	14	3 new species.		14
	<u>55</u>	<u>6</u>	<u>6</u>	
Hordeaceae				1. cult.
Polypodiaceae				1
	39			<u>39.</u> None of these are probably introduced.
	<u>94</u>			

Leaving 79 good species natives of Hong Kong & the vicinity -