

A. S. Hitchcock 1921 - Book 1

A. S. Hitchcock
Book 1921

15023
-
18598

34

A. S. Hitchcock - 1921.

Hawaii

Philippines

Japan

China

1:

Buri palm

Corypha elata

hat made from

fib = Buntal

Cogon = Imperata eye
& grass

Sae spuri = Tabakib

Hawaii

18023

Echinochloa

A weed in the stable grounds by
Mrs Foster's place - Honolulu
May 1921

18024

Chaetochloa barbata

same locality as 18023 (Linn) H & C

Philippines

M Manila. Open ground along the shore
- 18025 of the bay behind the sea-
June 6 wall. South of the Manila

Paspalum ^{sp. 1} *antilaginerum* Presl
Paspalum (*serotinum* of Merrill's list)
Large tufts - culms ascending
New ground.

✓ 18026 Colmaehloa colomna (L.) Link
New ground

Chloris paraguayensis Steud
✓ 18027 Chloris (paraguayensis)
New ground - shoots compressed
Somewhat stoloniferous - these are
large specimens

Eragrostis villosa (Ritz) Trin
✓ 18028 Eragrostis villosa
New ground - large prostrate
bunches - specimen only a part of
a bunch

Chloris paraguayensis Steud
✓ 18029 Chloris (paraguayensis)
Smaller specimens than 18027

Paspalum conjugatum Berg
✓ 18030 Paspalum conjugatum
New ground, stoloniferous

Eriochloa nanosa (Ritz) Ktze
✓ 18031 Eriochloa nanosa
Large bunches - culms ascending

18032 ~~Brachiaria~~ *glauca* ^{Reh}
Panicum glaucum
Culms ascending, - nodding

18033 *Paspalum cartitagineum* ^{Prud}
= 15025. Prostrate bunches - many
old culms intermixed. This seems
about like *P. melanosperum* etc.

18034 *Paspalum vaginatum* ^{Sw}
Paspalum vaginatum
Near the water. - prostrate

18035 *Sporobolus virginicus* ^(L) ^{Reh}
Sporobolus virginicus
Near the water - prostrate

18036 *Syntherisma sanguinalis*
Syntherisma sanguinale

18037 *Capriola dactylon*
Capriola dactylon
Sand near the water

18038

Panicum repens L.

Near the water - procerum

Clusium indica

18039

Clusium indica

Shoots compressed

Cenchrus viridis, Spr

18040

Cenchrus viridis

Soon spreading bunches

Chloris paraguayensis Steud

18041

Chloris (para. *paraguayensis*)

The common form

(L) Richt

Dactyloctenium aegyptium

18042

Dactyloctenium aegyptium

Forming mats on the sand

Eragrostis viscosa (Retz)

18043

Eragrostis viscosa Trin

Large spreading bunches - many old culms intermixed. Probably is an annual continuously growing. Peduncles viscos below panicle

18044

Brachiaria distachya (L.) Camus
Panicum (Bulbocera?)

Prostrate mats rooting at

nodes - semi

This is *P. distachyon* according
to Merrill (*P. remolens* f. list)

18045

Oxystachya matrella (L.) Ktze
Oxystachya matrella

Suzanons

18046

Imperata cylindrica (L.) Beauv
*Imperata cylindrica*Common in the grassy flat back of
beach

18047

Panicum maximum Jacq
Panicum maximum

Field - cult. for forage.

18048

Syntherisma sanguinalis
Syntherisma *debile*

Mud along street

18049

Eragrostis amabilis (L.) W & A
Eragrostis amabilis

Mud along street

18050 *Sporobolus viduus* (L) R Br
Sporobolus viduus
Grassy land near city wall

June 7 - Manila - Along Pasig River to
Fort McKinley
18051 *Eragrostis aculeata* (L) W & A
Eragrostis aculeata
Along street by Bureau of Science
A condensed form like *E. amabilis*
but not viscous

18052 *Mansonia exaltata* (L) Ktze
Mansonia exaltata
along bank by railroad.
appears to be annual

18053 *Stenopogon propinquus*
Along river - large tufts but
grassy areas.

18054 *Brachiana distachya* (L) Camus
Panicum distachya
Weed in shade around house

18055 *Bambusa nana*
Common bamboo - culm. Many
stems 5 inches thick - some of the
branches (like specimen) climbing
or straggling.
I think this is *B. spinosa* though
the specimen shows no thorns

18056 Rhaphis aciculata^a
Open grassland Betty Dear

18057 Bambusa spumosa Roxb
Cult - branches spiny.
The ligule or awn-like in fimbriae
Blade hispidulous on lower
side at base
Sheath of culm purple-hispid

18058 Apluda nutica L
Climbing on bushes - stem
rather woody.

(L) Pennisetum
18059 Vetiveria zizanioides
Dry bank. All awns in
a tangled cluster

June 8 - Manila - swampy flats
18060 Chamaeraphis muricata^{Cham.}
(?) more. (And. muricatus L. Cham.
that = Vetiveria)
In dry grass plot, of Homalocen-
dross, by roadside. Seeded, but
a few prosochias present, found

18061 Paspalum longifolium Roxb
Along ditch, large bunch. Culm
erect, perennial.

Paspalum cartilagineum Presl
18062 *Paspalum* (Dro-
meolatum) along ditch.
Apparently perennial, culms
erect

Panicum auritum Presl
18063 *Panicum*
anatum
along ditch, culms
several feet long, erect from
a decumbent or straggling
base - perennial.

Echinochloa crus-galli (L.) Beauv.
18064 *Echinochloa*
crus-galli
In water of ditch, Annual
erect, heads nodding,
purple

Leptochloa chinensis (L.) Presl
18065 *Leptochloa*
chinensis
In water of ditch, Annual
Culms erect.

Echinochloa stagnina (R.) Beauv.
18066 *Echinochloa*
stagnina
Along ditch, Perennial, culms
erect from a straggling base

Syntherisma sanguinalis
18067 *Syntherisma*
sanguinalis (L.) Beauv.
Weed along railroad

18068 *Lichneum aristatum* L.
Lichneum aristatum
Along narrow bank. Large
bunch. Perennial.

18069 *Holcus serratus* Thunb.
Andropogon nitens
Bank of Railroad right
of way. Perennial

18070 *Hemalocochus peruvianus* (Sw.) Ktze
Hemalocochus
In water of ditch. Perennial
Commonly cultivated in fields
diked for irrigation. Used
as green feed for horses in
Manila.

R. Br.
18071 *Andropogon intermedius*
Andropogon intermedius
(near Haenkei)
Bank of Railroad right of
way. Bunch. Perennial

June 9. Manila
Anillo - about 20 miles SW of city
in the hills, all about 500 feet.
18072 *Allotriopsis acutalata* (R. Br.) H. B. K.
Allotriopsis semilobata
Grassland among shrubs
brought over land. Perennial

Cynodon
18073 *Capriola arcuata* Presl
Capriola arcuata
Open ground in wood
The slender spikes are deflexed

18074 *Panicum tuberculatum* Presl
Annual
Grew in a clearing

18075 *Ischaemum rugosum* Salisb
Along stream - annual
in woods.

18076 *Cynothea latifolia* (A. N. S.) Trin
Shady bank of stream

18077 *Pogonatherum pauciflorum* (Lam.) Hack
Wet rocks along stream
partial shade

18078 *Oplismenus compositus* (L.) Beauv.
Floor of forest in copse

18079 *Ophiorhiza monostachya* (L.) Beauv.
Grossland among shrubs.

18080 *Eragrostis elongata* (Sw.) Jacq
var. *spartea* Spathuloides
Grassland - burnt-over, among
shrubs. Spk pale - Perennial

18081 *Paspalum* ^{var. *bifidatum* Hall} *cautilageneum*
Paspalum (*serotinum*)
Grassland and more places
Common - Perennial. Culms
mostly erect & ascending. Spks
Common 2.

18082 *Paspalum* ^{Pach} *cautilageneum*
May be same as 18081
Culms taller spks above 4

18083 *Chaetochloa gemiculata*
Along grassy banks.

18084 *Isachne miliacea* Roth
Isachne ~~*miliacea*~~ *miliacea*
In wet soil near stream,
forming a carpet

18085 *Panicum nodosum* Kth
Panicum nodosum
Flower of forest on shade

18086 *Amudipella villosa* ^{Merr}
Rough bank of stream

18087 *Panicum nodosum* Kth
along will
18085

18088 *Panicum patens* L
Shade of forest - stream bank

18089 *Panicum cordatum* Buse
Among stones

~~June 10 Rabang 20 miles from~~
~~Mocimbo~~ *Schinostachyum lunampao*
18090 *Bambusa* (Blanco) Merr
Schinostachyum lunampao
along stream. Stem tall
as much as 3 inches thick

18091 *Bambusa*
Probably *Bambusa*
but awicle strongly fimbriate
along stream

18092 *Syntherisma longiflora* (Retz) Steud
Syntherisma longiflora
Translance. Creeping

18093 *Syntherisma microbachne* (Presl) Hitchc
Syntherisma microbachne
Along stream
(Maybe *P. longicaule* Retz)

June 10 - Alubang - 20 miles
from Uguela
18094 *Paspalum longifolium* Retz
Paspalum longifolium
Cell Bar. Apr. in plots

18095 *Holcus sorghum* Thunb
Holcus sorghum
Cell - Bar. Apr.

18096 *Holcus sorghum sudanicus* (Pursh) Hitchc
Holcus sorghum sudanicus
Cell - Bar. Apr.

18097 *Panicum barbinoide* Trin
Panicum barbinoide
Cell - Bar. Apr.

18098 *Holcus hapsensis* L.
Holcus hapsensis var.
Cult - Bur. Agr.
name on plot "Shak Shealy"

18099 *Paspalum dilatatum* Poir.
Paspalum dilatatum
Cult - Bur. Agr.

18100 *Bambusa spinosa* Roxb.
Bambusa spinosa
Cluster of straggling spurs
around base

18101 *Paspalum longifolium* Roxb.
Paspalum longifolium
wet place Surinam Laboratory

18102 *Capriola dactyloides*
Capriola dactyloides
near margin of lake in
wet soil

18103 *Echinochloa crus-galli*
Echinochloa crus-galli
wet field near lake

18104 *Saccharum spontaneum* L.
Saccharum spontaneum
Large under common but
mostly not in flower

18105 *Paspalum vaginatum* Sw
Paspalum distachyon
wet meadow near lake

(59)

Los Baños - June 17 Arroyo de
Calleja & Foresty School
18106 *Bambusa*
From plantation at Foresty
Station - Plants pubescent - erect

18107 *Arundinaria* ¹⁸¹⁰⁷
From Foresty plantation on
side. Small, 5-6 feet, spreading
by rootstocks.

18108 *Bambusa vulgaris* Schrad
Bambusa vulgaris
Old Foresty plantation

18109 *Oplismenus compositus* (L.) Beauv
Oplismenus
Compositae
Shade of forest
I think this is not the same as
the *Bambusa* species

Schizostachyum diffusum (Blanco) Merr
18110
Forest along trail, Limbo

Chaetochloa palmigata (Willd.) Nees
18111
Edge of forest in partial shade, 3-5 feet

Panicum nodosum R. & S.
18112
Shade of forest

Panicum patens L.
18113
shady place, struggling

Syntherisma microbachne (Presl) Hitchc.
18114
along ditch by roadside

Panicum ~~haldense~~ propinquum
18115
Open place

Panicum patens L
18116 *Panicum anomalum*

Los Bños - June 18, Mt Maculung
Summit above (3300 ft - 1092 M)
18117 *Miscanthus*

Panicum patens L
18118 *Panicum patens*
Summit in glade, branches
pubescent

Isachne deflexa ^{Mayr. var.?}
18119 *Isachne* ~~indulata~~
Mossy bank - straggling
mat

Oplismenus undulatifolius (And.) R. & S.
18120 *Oplismenus undulatifolius*
along trail in shade at upper
altitudes

Diuochloa scandens angustifolia
Diuochloa ligularis
18121 *Bambusa* 18119
Climbing on a tall tree
The culms of culms some from
creeping basal part.

18122 *Miscanthus japonicus* (Thunb.) Anders
Clearing in forest - medium
altitude

18123 *Panicum pilepe* Nees
Shade along trail

18124 *Pennisetum macrostachyum* Trin
Clearing in forest - 5-6 feet

18125 *Capriola arcuata* Presl
Shade 2 Forest School

18126 *Gigantochloa laevis* (Blanco) Merr. Linné's
Bamboo
level - 40 feet, culm 3-4 inches
diam. Found on lower slope of
Mt.

18127 *Syntherisma longiflora* (Retz) Skeels
This appears to be a
small tree along road on
bank of. Crapemy at base
Forest School

18128

Oplismenus cruposites ^{by Beauv}

Shade along trail at middle altitude. Seems different from 18109 or 18120. No 18109, common forest in summit than 18128, then 18120. None in forest flower - too late!

18129

Misconium japonicum ^{(Think) Under}
at summit, in small clearing

Las Bajas - June 19. Swamps near town

18130

Saccharum spontaneum L
Saccharum spontaneum

Open moist ground

18131

Leptochloa fusca
Leptochloa fusca
Rice field

18132

Phragmites Ranka (Retz) Trin
Wet fields, common
Swamp - as much as 10 feet

June 22 - Baquiao - Trail to Santa Tomas. Baquiao 8000, S.T. 8000.

18133

Themeda gigantea (Car) Hack
Open, grassy slopes below Baquiao. Did not see this above Baquiao. Same much as much as 8 feet.

(Labill) R Br

Microlaena stipoides

18134

Microlaena stipoides
along trail from summit to 6000 ft
also around hotel at Baguio.
Specimen from summit.

Calamagrostis filigolia Nees

18135

Calamagrostis filigolia
Summit, also along trail
at upper stretches

Agrostis eluensis Nees

18136

Agrostis eluensis
Mossy banks, upper stretch
(why not A. eluensis)

Festuca megalocarpa ^{Megastilwa} Nutt

18137

Festuca megalocarpa
along trail - introduced.
near summit

18138

Poa annua, L
along trail near summit, also
around hotel at Baguio

Opismenus imbecillis ^{(R. Br.) Hack}

18139

Opismenus imbecillis
near shady banks toward
summit

Amudaria mita kayanensis ^{(Bass) Carles} ⁿⁱⁱ ^{Hayata}
18140 *Amudaria mita*
Kayanensis, Hayata
Summit above rest house.
Grayish green, 1-3 feet

Eragrostis elegantula
18141 *Eragrostis elongata*
Open ground above Baquio

Schizostachyone diffusum ^{(Blaua) Merr}
18142 *Schizostachyone diffusum*
Common on the mountain below
Santo Tomas. There are 2 forms
apparently the same species.
1 has narrow blades and the
other wide blades. Stems glabrous
or hirsute, stem mostly rough.
The specimens are from differ-
ent plants

Chaetochloa palmifolia ^{(Muhl) H & C}
18143 *Chaetochloa palmifolia*
Along trail in partial shade.
Depressed specimen. The same
as larger plants with panicle
2 feet long with spreading drooping
branches

Isachne hureckei Hack
18144 *Isachne hureckei*
Edge of forest along trail
straggling

Capillipedium micromallum ^{Rhaphis pauciflora (Blaua) Merr}
18145 *Capillipedium micromallum*
Curtis, (Sleumer) Merr but seems
distinct.
Grass slope on the open
hill above Baquio.

18146 *Apluda nutica* L
Sunny slope above Bagno

Isachne beneskei Hack
18147 *Isachne hirtellii*
Moist slopes along trail

18148 *Sacciolepis indica* (L) Chase
Sacciolepis (Panicum
indicum of Morrell's list)

F. Muell
Ischaemum arundinaceum
18149 *Ischaemum arundinaceum* -
along roadside, Hack
Edge, low along trail
straggling, long-decumbent
erecting appears to be perennial.

Oplismenus compositus (L) Beauv
18150 *Oplismenus undulatifolius*
Moist shady banks.

(near Hitch)
Syntherisma chinensis
18151 *Syntherisma chinensis*
Open new ground along
trail. This seems different
from *S. longiflorum* which
has usually 2 spikes

18152 Miscanthus successivus Anders
Slopes of open hills
A rampant form,
The species is common and
often dominant

18153 Miscanthus successivus Anders
Hills and ravines, common

18154 Pennisetum alopecuroides (L.) Sp
Pennisetum alopecuroides
Open grassy hills

18155 Syntherisma chinensis (Nees) Hitchc
Syntherisma
Sage - 18/57 - only 2
spike, but here ascending

18156 Eragrostis elongata (Willd.) Gaer
Eragrostis elongata
Open new ground along
road above Baguio. Mostly prostrate

18157 Arundinella setosa Trin
Arundinella setosa
Grassy hills above Baguio.
Common.

18158 ^{Rhaphis} *Chrysopogon filipinensis*
Grassy hills above Baguio
Common

18159 ^{Maururus rotbochoides (R. Br.) Kth}
~~*Maururus ophioides*~~
Rotballer of woods
Open grassy slopes

18160 *Mixanthes* ^{(Thunb) Anders}
~~*Japonica*~~
Ravines

18161 *Panicum repens*
Aronul Baguio.

18162 *Echinochloa crus-galli* (L) Beauv
Wet places, Aronul Baguio.

18163 *Syntherisma microbachne* (Presl) Hitchc
Mud Aronul Baguio

Paspalum longipalium Presl

Paspalum cartilagineum

18164

Paspalum (Sawaluca-

Salmu)

Moist places along roads
and in fields, Baguio

Trachypogon debilis Rudge

18165

Trachypogon milliciana

Moist bank

Syntherisma chinensis

(New) Hill

18166

Syntherisma

Along road, Pulo
same as 18157 but scarcely
erect

18167

Capillipedium microanthum

Humid slope, (cf 18145)

Chaetochloa palmifolia (Witt.) K. Br.

18168

Chaetochloa palmifolia

Rooms and shady places

Sporobolus elongatus K. Br.

18169

Sporobolus elongatus

Along road and on forest
slope. Seems as if introduced.
Panicum often "small". Probably
the same as the W.D. Verticillium

Syntherisma sanguinalis

18170 *Syntherisma sanguinale*
A small in flower herb, Bag
mo

18171 *Thymella triandra* ^{Fork}
Grassy hills above
Bagmo Common

= *Eulalia argentea* Brongn

18172 *Pollinia argentea*
Pollinia argentea Trin
Grassy slopes above
Bagmo

Eulalia quadrinervis (Hack) Ktze

Pellinia quadrinervis

18173 *Pellinia quadrinervis*
moist?
Grassy slopes above Bagmo

18174 *Artocyon ciliaris* *centrosiaticus*
Moist shaded banks at upper
altitudes.

not in Merrill
from Siberia
no *ciliaris* in Merrill

18175 *Artocyon ciliaris* *centrosiaticus*
ditto - larger specimens

✓ 18176 *Isachne miliacea* Roth
Sachne
Mossy shady banks
below summit

✓ 18177 *Isachne debilis* Rendle
Sachne
Ditto

(96)

Keelung - Formosa July 3, 1921
✓ 18178 *Syntherisma microbachne*
Syntherisma (Presl) Heller
Mud along stream

✓ 18179 *Syntherisma sanguinalis debile*
Syntherisma
Ditto

✓ 18180 *Mansonia compressa*
Mansonia
Grassy place along road

✓ 18181 *Pennisetum alopecuroides*
Pennisetum
Grassy bank (H) spr

✓ 18182 *Polygoum (litorale)* ^{litosus (Poir) Hitchc}
along ditch

✓ 18183 *Syntherisma sanguinalis* ^{debile}
mud along road

✓ 18184 *Bambusa*
Bamboo
along road

✓ 18185 *Echinochloa crus-galli* (L) Beau
along ditch

✓ 18186 *Syntherisma contracta*
along road in moist ground
Spikes erect

✓ 18187 *Syntherisma microbachne* (Presl) Hitchc
along road in moist soil

(Sw) Ktse
✓ 18188 *Hemalocyperus lepaundus*
Along ditch

✓ 18189 *Hemalocyperus lepaundus*
Along ditch

18190 *Sacciolepis indica* (L) Chase
Sacciolepis

✓ 18191 *Bambusa*
Along rocks near sea, dwarf
only about a foot high

✓ 18192 *Echinochloa crusgalli*
crusgalli *parviflora* (Nees) Hitchc.
Along ditch

✓ 18193 *Sesuvium portuacastrum*
Rocks by sea

✓ 18194 *Paspalum vaginatum* Sw
Paspalum vaginatum
Moist soil by sea

✓ 18195 *Sparganium elongatum* R Br
Sparganium (elongatum)
Grassy land by road

✓ 18196 *Chaetochloa palmifolia* (Willd) Arc
Chaetochloa palmifolia
Moist ditch by road

✓ 18197 *Miscanthus japonicus* (Thunb) Anders
Miscanthus japonicus
Common on rocky hills. Leaves
much 4-6 feet high

✓ 18198 *Panicum repens* L
Panicum repens
Moist soil by road

✓ 18199 *Duportia cylindrica* (L) Beauv
Duportia cylindrica
Along road

✓ 18200 *Echinochloa indica* (L.) Gaertn
Echinochloa indica
Mud along street

✓ 18201 *Syntherisma microbachne* (Presl) Hitch
Syntherisma
Mud along street

✓ 18202 *Sporobolus elongatus* R. Br
Sporobolus (Alphard)
Wet ground by road

? *Paspalum* ^{longifolium Presl}
✓ 18203 *Paspalum cartilagineum*
Paspalum (Vahl)
Mud grassy place

✓ 18204 *Chaetochloa dutescens* (Wieg.) Steud
Chaetochloa glauca
Mud grassy place

✓ 18205 *Syntherisma contracta*
Syntherisma
Mud grassy place

Nagasaki Japan
✓ 18206 *Oplismenus tenuifolia*
Lawn corners in park

Kobe - July 9 *Echinochloa crusgalli*
✓ 18207 *Echinochloa crus-galli*
Along ditch

Yokohama - July 12
✓ 18208 *Poa acrolopha*
Along edge of water

✓ 18209 *Agrostis perennans*
Agrostis (Muhl.) Tuck
Along road

✓ 18210 *Bromus pauciflorus*
Bromus
Mud along road

Echinochloa crusgalli
✓ 18211 *Echinochloa crus-galli*
Mud along road

✓ 18212 *Agropyron ciliare* (Trin) Franch
Agropyron
mossy plants - common

✓ 18213 *Agropyron ciliare* (Trin) Franch
Agropyron
= 18212 a few common forms

✓ 18214 *Poa compressa* ✓
Poa compressa
Side of cliff

✓ 18215 *Poa annua* ✓
Poa annua
Weed along road

✓ 18216 *Agropyron ciliare* (Trin) Franch
Agropyron
Probably = 18212

✓ 18217 *Syntherisma sanguinalis*
Syntherisma
Weed along road

✓ 18218 *Eragrostis pilosa* (L) Beauv
Mud along road

✓ 18219 *Trisetum flavescens* (L) Beauv
Sunny place along road

✓ 18220 *Chaetochloa piperis* (L) Scribn
Mud along road

✓ 18221 *Osterdancya matrella* (L) Ktze
Law grass in Yokohama
Nursery Co. grounds

✓ 18222 *Osterdancya japonica*
Probably same as 18221
but a finer soil

✓ 18223 The following are bamboos
from the grounds of the
Yokohama Nursery Co. grounds
The names were given by the
man in charge:
Phyllostachys bambusoides var. maritima
Phyllostachys maritima

✓ *Arundinaria hindsii*
18224 *Arundinaceae* *Hindsii*
gramma?

✓ *Arundinaria fastuosa*
18225 *Bambusa fastuosa*

✓ *Bambusa pygmaea*
18226 *Bambusa pygmaea*

✓ *Bambusa nana*
18227 *Bambusa* *Alphonsa*
Kavri

✓ *Phyllostachys nigra*
18228 *Phyllostachys nigra*

✓ *Phyllostachys bambusoides aurea*
18229 *Ph. aurea*
Leaves said to be yellow

✓ *Phyllotachys castilloni*
18230 ✓ *Phyllotachys castilloni*
Stem yellow with green
stripes

✓ *Phyllotachys ruscifolia*
18231 ✓ *Phyllotachys ruscifolia*
Stem green

NB. The leaves of the genus *Phyllotachys* all look alike

Tokyo - July 13 *Agrostis perennans*
18232 - *Agrostis perennans* (Walt.) Tuck
Parkland shade
Forestry Exp. Station

✓ *Enagrostis pilosa* (L.) Beauv.
18233 ✓ *Enagrostis pilosa* (L.) Beauv.
Along path, dells

✓ *Beckmannia erucaeformis* (L.) Hart
18234 ✓ *Beckmannia erucaeformis*
Mud in field.

✓ *Alopecurus aequalis* Robol.
18235 ✓ *Alopecurus aequalis*
Along ditch

✓ *Arundinaria variegata pygmaea*
18236 *Arundinaria variegata*

Milano

Cult. at Foresty Exp.
Sta. of Dept. of Agric. (Dept. of Forestry)

Labels with
specimens

Muguro, Tokyo

Arundinaria variegata pygmaea
18237 ditto

Phyllostachys mucifolia
18238 *Phyllostachys mucifolia*

ditto

Chimonobambusa marmorata

✓ *Arundinaria marmorata*
18239 *Arundinaria marmorata*

Murru

ditto

Phyllostachys nigra
18240 *Phyllostachys nigra*

ditto

✓ *Phyllostachys nigra*
18241 *Phyllostachys nigra*

ditto

culms more than 1 year
old are greenish yellow
spotted with purple

stem as much as 2" thick

✓ 18242 *Phyllostachys bambusoides*
delle

✓ 18243 *Phyllostachys nigra*
delle

✓ 18244 *Phyllostachys mitis*
delle
culms as much as 6 in thick
shoots edible

✓ 18245 *Phyllostachys bambusoides aurea*
delle
in flower

✓ 18246 *Phyllostachys mitis heterocycla*
delle

✓ 18247 *Arundinaria quadrangularis*
delle

✓ 18248 *Arundinaria variegata*
Arund. chloro argentea
striata
dellu

✓ 18249 *Arundinaria sinensis*
Arund. sinensis var.
ufala
dellu

✓ 18250 *Arundinaria hindsii graninea*
Arund. graninea
dellu

✓ 18251 *Sasa paniculata*
Sasa paniculata
dellu

✓ 18252 *Sasa albo marginata*
Sasa albo marginata

✓ 18253 *Arundinaria sinensis*
Arund. sinensis

✓ 18254 *Arundinaria japonica*
Sasa japonica
delle

Botanical Garden, Tokyo, July 14

✓ 18255 *Bambusa nana*
Bambusa nana
grown in a pot

✓ 18256 *Arundinaria variegata pygmaea*
Arundinaria variegata
var *pygmaea*
1-2 feet (*Bambusa pygmaea*)

✓ 18257 *Arundinaria variegata pygmaea*
Sasa japonica
flowers

✓ 18258 *Phyllostachys mitis*
Ph. mitis
tall

✓ 18259 *Sasa albo-marginata*
Sasa albo-marginata
2-4 feet, leaves mostly
green.

✓ *Phyllotachys ruscifolia*
18260 *Ph. Kunnesaka*
2-3 feet forming
large dense clumps.

✓ *Arundinaria simoni*
18261 *Ar. simoni argenteo-*
striata
5 feet forming a dense
bush

18262 *Sasa paniculata*
Sasa paniculata
5 feet

✓ *Arundinaria marmorata*
18263 *Ar. marmorata*
6 feet forming a
thick bush
sheaths of sheave spotted

Arundinaria japonica
18264 *Ar. japonica*
12 feet

Arundinaria hindsii
18265 *Ar. hindsii*
Introduced from China
15 feet

Arundinaria fastuosa
18266 Ar narehira
15 feet

Arundinaria variegata pygmaea
18267 Ar sumbu
Common under trees in the
garden. Also common around
Yokohama.

Bambusa nana
18268 Bambusa nana
from alphonso - Kani

Agrostis peruviana (Malt)
18269 *Agrostis peruviana* Tuck
Common in Port Barden &
grassy places

Agrostis stolonifera L
18270 *Agrostis alba* (stolonifera)
wet places often in the
water

Phalaris arundinacea L
18271 *Phalaris arundinacea*
wet places

Bromus japonicus
18278 *Bromus japonicus*
Mud along road in grass

✓ 18279 *Imperata cylindrica*
In grass along road (L) B. C.

✓ 18280 *Bromus unioloides* HBK
Bromus unioloides
in grass along road

Arena cetera L
✓ 18281 *Arena*
Mud in most places

Cyathium - July 17. The bamboo, some
collected near the road at Honmachi. The name on
✓ 18282 *Phyllostachys ruscifolia*
who accompanied me.
Phyl. ruscifolia
2-4 ft, grasses

Sasa paniculata
✓ 18283 *Sasa paniculata*
4-5 ft grasses.
Stems covered at base
sheaths smooth.

✓ 18284 *Agrostis peruviana* (Walt)
Tuck
grass land

✓ 18285 *Festuca parvigluma*
"parvigluma"
grass land

✓ 18286 *Arundinaria maruorea*
5-6 feet

✓ 18287 *Arundinaria hindii* Gramina
as much as 12 feet

✓ 18288 *Phyllostachys nitida*
Probably same as *Ph. nitida*
a tall bamboo with small
leaves

✓ 18289 *Sasa albo-marginata*
2-4 feet. The leaves become
white-margined in winter
the old leaves now are white
margined but the new ones
are green. Other species do this

18290

Arundinaria japonica

Arund. japonica

as much as 1.5 ft.
The specimen shows large
leaves of vigorous branches.
Other leaves are smaller but
average larger than those of *A. si-*
mon

18291

Phyllostachys bambusoides
reticulata

18292

Arundinaria hindsii

Arund. hindsii

This may turn out to
be *A. gaduensis*

18293

Cappisia dactylon

Cynodon dactylon

Grassland

18294

Arundinaria variegata

Arund. variegata

var.

This is common around
Yokohama & Tokyo, spreading
by root shoots. It is only 1-2 feet
tall sometimes 6 to 8 ft.

18295

Phyllostachys bambusoides aurea

Arund. reticulata

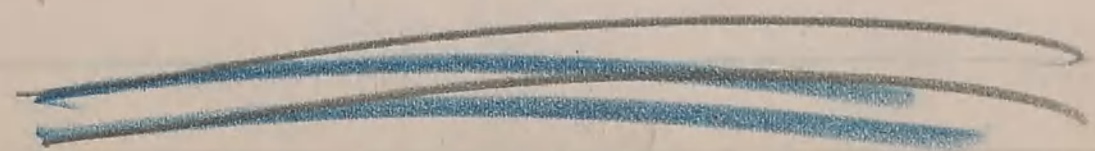
var. aurea

Low 2 feet in flower

Arundinaria fastuosa
18296 *Arund fastuosa*
15 ft. Sheaths coriaceous
nodes on the distal part
stems 12-15 ft high

Arundinaria sinensis
18297 *Arund sinensis*
Resembling a Japanese
one with narrower leaves

Bisacchypodium sylvaticum
18298 *Bisacchypodium* (Huds) Beauv.
sylvaticum
along cliff



Gotumba - July 20

Poa sphondylodes
18299 *Poa*
Along shady bank

Milium effusum L
18300 *Poa*
In shade of woods

Bromus pauciflorus
18301 *Bromus pauciflorus*
Fls open - along road

18302

Agrostis peruviana (Walt) Fock
Along road, Peruviana

Peruviana more open than usual

18303

Poa aculeata

Along ditch

18304

Phleum pratense L
Phleum pratense

Along road

18305

Brundisella anomala Steud
Brundisella anomala

Common in open grassy ground

18306

Festuca myosuroides L

Along road

18307

Brundisaria variegata P. G. Mea
Brundisaria variegata

Growing in wet swales and dwarf shrubs

Hakone - July 19

18308 *Isachne australis*
In moist ground

18309 *Narthecus lanatus* (L) Nash
Along trail.

18310 *Agropyron ciliare* (Trin) Griseb
Grass, open ground.
Spikes upright. Usually taller
than *A. semicinctum*.

Dactylis glomerata L

18311 *Dactylis glomerata*
Along trail.

Hakone July 18

18312 *Agropyron semicinctum* ^{Nash}
Spikes drooping

Amudaria variegata

18313 *Amudaria variegata*
Stems and developed culms
very sparse & abundant, covering
many of the hills in the vicinity
of the lake. From stands over
large areas

18314 *Phalaris arundinacea* L
Phalaris arundinacea
Along lake

18315 *Panicum caspium*
Panicum (sp.)
Along ditch

18316 *Festuca parviglumis*
Festuca parviglumis
Shady bank

18317 *Oplismenus japonicus*
Oplismenus japonicus
Common in open pond

18318 *Trisetum flavescens* (L.) Beauv
Trisetum flavescens
Common in open pond and shade

18319 *Agrostis perennans*
Agrostis perennans (Walt.) Tuck
In wet place

✓ 18320 *Calamagrostis epigejos*
(*Calamagrostis* part)
Open grassland, common
at high altitudes (above 2000 ft)

18321 *Superata cylindrica*
~~*Superata*~~ (L) Beauv
Open grassland

18322 *Agrostis perennans* (Walt) Tuck
~~*Agrostis perennans*~~
Open ground common
Patch open

~~18322~~ *Agrostis perennans* (Walt) Tuck
18323 *Agrostis perennans*
" ditto growing well
18322, Patch above
These forms appear to be the
same species

Arundinaria variegata
18324 *Arundinaria*
variegata
Common on hills

Phyllostachys bambusoides
18325 *Phyllostachys (bambusoides)*

Sasa tokugawana
18326 *brunneicaulis* -

unsp. *brunneicaulis*
Open woods along stream

= *C. villosa* (Choir) Mutel
Calamagrostis kalleriana (Hall)

18327 *Calama festis* (Hall)
Open pond

~~Yokohama - Jul 22 specimens of
bamboo from the Yokohama Nursery Co.
18328 *Phyllostachya bambusoides* var. *arua*~~

Phyllostachys mitis
18329 *Ph. mitis*

Phyllostachys bambusoides
18330 *Ph. bambusoides*

Phyllostachys ruscifolia
18331 *Ph. ruscifolia*

18332 *Arundinaria maruarea*
Ph maruarea

18333 *Phyllostachys nigra*
Ph henonis

18334 *Phyllostachys fastuosa*
Ph fastuosa

18335 *Phyllostachys castillensis*
Ph castillensis

18336 *Arundinaria japonica*
Arund japonica

18337 *Phyllostachys bambusoides marliacca*
Ph marliacca

18338

Phyllostachys nigra
Ph. nigra

18339

Arundinaria sinensis
Arund. sinensis

18340

Phyllostachys mitis heterocycla
Ph. heterocycla



Nikko to Chuzenji Lake - July 27
2000 ft 2400 ft

18341

Panicularia caspia
Panicularia caspia

Along ditch

18342

Poa trivialis L

Poa
Damp shady place

18343

Festuca parvigluma
Festuca

near lake

18344 *Trisetum flavescens* (L.) Beau
Trisetum
Grassy place near lake

18345 *Calamagrostis laugedorfii*
Calamagrostis
Near lake

18346 *Poa trivialis* L.
Poa
Near lake

18347 *Agropyron semicostatum* ^{Nees}
Agropyron semicostatum
Near lake

18348 *Sasa nipponica*
Sasa nipponica
Common in shade near lake

18349 *Festuca parvigluma*
Festuca
In moist partial shade

18350 *Poa acroleuca*
Moist place

18351 *Poa pratensis* L.
Yarrow of Lake-side hotel

18352 *Brachypodium pinnatifidum* (Huds.) Beauv.
Sandy bank

18353 *Poa acroleuca*
Moist place

18354 *Sasa nana* Brundage
Same as 18355, apparently
with fungus

18355 *Sasa nana* Brundage
Along road in forest all year

18356 *Sasa paniculata* (Schmidt) Makr & Shib.
Probably same as 57
Partial shade along road in
forest. 3-5 ft high 3000 ft

18357 *Sasa albo-marginata*
Along road through forest
3000 ft

18358 *Sasa albo-marginata*
Probably same as 57

18359 *Agrostis peruviana* (Muhl.) Tuck.
Open forest along road

18360 *Alopocurus aequalis* Robt.
Along ditch

18361 *Brachypodium sylvaticum* (Huds.) Beauv.
Shady bank

Festuca parryana
18362 *Festuca*
moor grassy place

Muhlenbergia japonica
18363 *Muhlenbergia*
moor cliff

Agropyron ciliare (Trin.) Nash
18364 *Agropyron*
open grassy ground

Kyoto - July 25

Chloranthes tenuifolia
18365 *Chloranthes*
Lawn of Miyako Palace,
fine soft turf.

Festuca nigrescens L.
18366 *Festuca*
along road

Bambusa nana
18367 *Bambusa*
"Hōchiiku" Japanese
Bull at Exp. Sta.

Echinochloa crus-galli
18368 *Echinochloa crus-galli* (Rus) Hitchc
Mud in moist soil

18369 *Poa acroleuca*
Poa
delle

18370 *Osterdanicum japonica*
Osterdanicum japonicum
Lawn of grass land of Epp. Sta
Course No. 365. Both are found
at Epp. Sta

(Presl) Hitchc
18371 *Syntherisma microbachne*
Syntherisma
Mud in Epp. Sta grounds

18372 *Eragrostis ciliata* (All) Link
Eragrostis ciliata
delle

18373 *Eragrostis pilosa* (L) Beauv
Eragrostis pilosa
delle

18374

Chaetochloa viridescens (L.) Beauv
Chaetochloa viridis
ditto

18375

Echinochloa crus-galli (L.) Beauv
Echinochloa crus-galli
ditto

18376

Arundinaria variegata
Arundinaria

Woods in woods, in hollow in
the hills, a number of feet. Nodes
blackish - black, usually
perennial, upright
Some shoots have glaucous
nodes and many plants have
glaucous blackish but they
all are probably one species

18377

Arundinaria
ditto - mostly glaucous

18378

Phyllostachys nigra
Phyl. nuda
Probably cult.

18379

Arundinaria variegata
Arundinaria

Common along the main road
on a hillside. Mostly 2-3 feet
Probably same as 377

18380

Phyllostachys mitis
 P. mitis
 P. mitis field

18381

Poa sphondyliodes
 Poa
 along on main earth cliff.
 Culms hanging

18382

Eragrostis pilosa (L) Beauv
 Eragrostis
 Appuray & caroliniana
 on mud along roadside

18383

Chaetochloa lutescens (Weig)
 Chaetochloa [glauca] (Weig)
 Mud along road

18384

Agropyron semicastratum Nees
 Agropyron semicastratum
 Common along ditch

18385

Bromus microloides HBK
 Bromus microloides
 along road

18386 *Phyllostachys bambusoides*
Culms tall, as much as 3 m
diam. Mid spotted with
rusty brown. Leaves seem too
large for *P. mitis*.

Kyoto - Bamboo cultivated in experi-
18387 ment Station grounds of
Agricultural College. Specimens of
names furnished by the Director
July 25.

Amur-totsik
To-chiku

18388 *Bambusa nana*
B. nana normalis

Horai-chiku
Hōbi-chiku

18389 *Phyllostachys bambusoides*
Kashiro-dake

Kashiro-dake
Shira-dake

18390 *Phyllostachys bambusoides*
sulphurea

Kim-chiku

18391 *Phyllostachys bambusoides*
Kashiro-dake

Phyllostachys bambusoides
18392 *P. bambusoides* forma
alternata-lutescens

gumi-chiku

Arundinaria variegata
18393 *A. chinensis* forma
argenteo-striata forma
elegantissima

Hime-shima-dake

Phyllostachys pubifolia
18394 *Sinobambusa*

Bungo-gasa
Akame - "
Sonomi - "
Inano - "

Phyllostachys castillonis
18395 *P. bambusoides* var
castillonis

Kinmai-chiku

Bambusa nana
18396 *B. nana* var *normalis*
forma villosa-argentea

Hosho-chiku

Bambusa nana
18397 *B. nana* var *normalis*
forma albiviridis-Kawori

Suko-chiku

18398

Phyllostachys makinoi
Matsumae

Rei-chiku

Arundinaria fastuosa

18399

A. fastuosa var

yashadake

yasha-dake

Arundinaria variegata pygmaea

18400

A. variegata var

Tanaka

Jyo-dake

" - sudare

18401

Bambusa nana
B. nana var *typica*

Hono-chiku

18402

Bambusa nana

B. nana *typica*

Hono-chiku

18403

Sasa tuboiana

Sasa tuboiana

Tubo-i-chiku

18404 *Arundinaria simoni*
Arundinaria simoni

Me-dake
Kawa - "

18405 *Arundinaria hiudsi graninea*
Arundinaria hiudsi graninea
Tamin - chiku

18406 *Arundinaria japonica*
Arundinaria japonica

ya-dake

18407 *Phyllostachys bambusoides aurea*
Phyllostachys bambusoides aurea
aurea

Hotei - chiku
Kure - take

18408 *Phyllostachys bambusoides marliacea*
Phyllostachys bambusoides marliacea
var *marliacea*

Shibo - chiku

18409 *Phyllostachys bambusoides*
Phyllostachys bambusoides
var *subvariegata*

Konshima - dake

Nagasaki July 31

18410

Syntherisma sanguinalis

Mud in flower garden

Echinochloa crus-galli
crus-galli

18411

Mud along wall

Appears to be *crus-galli* rather than *colinum*

Chaetochloa viridis (L) Scribn

18412

Mud in flower garden

Syntherisma sanguinalis

18413

Mud in flower garden
Decumbent at base
culms very red below.

This is a robust specimen
with several spikes.
Spikes like I saw at Manila &
Formosa

Eragrostis pilosa (L) Beauv

18414

Mud in flower garden

Oplismenus undulatifolius? (And) R. & S.

18415

Along damp cliff

✓ 18416 *Phyllostachys muscifolia*
Phyllostachys muscifolia
Cut in bridge

18417 *Sasa paniculata*
Bromus paniculata
Killside in shade

18418 *Bambusa nana* Post
Bromus
Probably *Asyponica*
Killside in shade

18419 *Agropyron semicostatum* ^{Nees}
Agropyron semicostatum
Along cliff

18420 *Amblurupa Ingalii*
Along cliff

18421 *Bromus pauciflorus* (Thunb) Hack
Bromus pauciflorus
Along cliff

18422

*Syntherisma sanguinalis debile*A weed on hill along
road.Same as §13 7th common
form with usually 2 spikes

Nagasaki - Aug. 1.

18423

Phyllostachys mitis

Moso chiku

A grove of culm edible bamboo

2 kinds of culms

Culm - culms yellow, no basal culm sheath,
smooth, the nodes not fimbriate

§23 from this

Phyllostachys mitis

18424

Ph. mitis

Moso chiku

(see §23)

Young culms - present 2 years growth.

Culms green, pubescent, nodes fimbriate
basal sheath present (see specimens)

18425

*Lepatherium gracile**Centotheca?*Floor of forest + under trees in peatland
hills. Common on the hills.

18426

Amurdiella anomala

Open grassy place on hill.

18427

Agrostis perennans

(Mats.) Tuck

Weed in garden on hill

18428 *Brachypodium alyratense* (Huds) Beau
Along bank on hill

18429 *Arundinaria variegata pygmaea*
Arund. japonica probably
around hill on hill

18430 *Arundinaria variegata*
Arund. japonica probably
Mr. Ishii calls this "himesasa"
Common on the hills in the shade

18431 *Phyllostachys bambusoides*
Mr. Ishii calls this "madake"
Common on hills in shade. 15-30 ft tall.

18432 *Eriochloa villosa*
Moss bank

18433 *Duperata cylindrica* (L) Beauv
Nagasaki - Aug 2
Grassland near top of hill

18434

Eragrostis ferruginea (Thunb.) Beauv

Open forest on hill

18435

Capillipedium
~~*Andropogon microchaetum*~~

Open forest on hill

18436

Phyllostachys bambusoides
Thunb. *quilon*"Madake"
from a culm grown on hillside
2 sheaths from base of this culm
also a sheath from a small sprout
Culm green, sweet, no pubescence on nodes

18437

Phyllostachys bambusoides
Thunb. *quilon*

Madake

Extra large leaves from a
sprout

18438

Brachypodium sylvaticum
(Nuds) Beauv
*Brachypodium*Along bank in partial shade
Moist bank near brook

18439

Capriola dactylon
Cynodon dactylon

Open ground

Sasa paniculata
18440 *Wund. (albomarginata)*
Along bank - partly shaded

Oxydactylus matrella (L) Ktze
18441 *Oxydactylus*
Open ground on bank

Arundinaria hudsii *graminis*
18442 *Arundinaria*
Well developed
mostly less than 10 feet

Arundinaria hudsii
18443 *Phi*
probably same as 482

Arundinaria hudsii
18444 *Phi*
same as 443

Echinochloa crusgalli
18445 *Echinochloa* *crusgalli*
Mogi, near Keesokki, ditch.
Probably the same as the common
arundin form of *E. crusgalli*
but more compact panicle

18446

Paspalum vaginatum Sw

Probably remnants of *Paspalum*
along road.

G = numbers to be reported Prof. Buffing of
University of Kentucky China

Nanking - Aug 8

18447

Eragrostis pilosa (L) Beauv

Along road

18448

Eragrostis ferruginea (Thunb) Beauv

Grassy place - perennial
prostrate & spreading

18449

Chaetochloa viridis (L) Scribn

Grassy place in house
wall along road. Probably
same as large form 482

18450

Amudicella australis (L) Beauv

Grassy hill

18451

Echinochloa crus-galli (L) Beauv

Weed in rice field
rather common - all same
form

18452 *Mellicia serrata* ^{King sub Cleistogenes} ^{Hawaii} ^{King}

18452

Bank on hill

18455 *Holcus serratus* Thunb

Wet grass (mud) on
sunny hill

18453 *Holcus serratus* Thunb
Wet grass (mud)

Sunny hill

18454 *Capillipedium*
~~*Holcus serratus*~~ *microanthum*

Sunny hill

18456 *Phyllostachys bambusoides*

Common in all. 20 ft
stem green. Young leaves well
brushed. Small glabrous
after deare of brush

18457 *Chaetochloa viridis* (L) Scribn

Large form, *microanthum*
on grass. - of 752
cult. fields

18458 *Chaetochloa matsamurae*
Along ridge

18459 *Miscanthus japonicus* (Thunb) Andes
Common on hills - 6 feet

18460 *Arundinella australis* Steud
Grassy hill

18461 *Agropyron ciliare* (Vain) Franch
Grassy hill

18462 *Paspalum Thunbergii* Kth
~~*Paspalum*~~
Grass along road

18463 *Capriola dactyloides*
Along road

18464 *Eragrostis ferruginea* (Thunb) Beau
Along road of 445

g 18465 *Imperata cylindrica* (L) Beau
Grassy hill

g 18466 *Themeda triandra* Forst
Grassy hill - common

18467 *Chaetochloa italica* (L) Scribn
Field - spike reddish
of 452

g 18468 *Eriochloa villosa*
Grass
Hills and ditches - common

18469 *Agropyron ciliare* (Trin) Branch
Grassy hills & along ditches

18470 *Spodiopogon setulifer*
Grassy hills

18471 *Echinochloa crus-galli*
Echinochloa crus-galli
Swath - heads from different
forms - apparently all same
specimens.

18472 *Koeleria cristata* ✓
Koeleria
Grassy hill - common - too late

18473 *Syntherisma sanguinalis*
Syntherisma sanguinalis
Mead & field

18474 *Manicuris compressa*
Manicuris
Grassy roadside - frequent
in meadows

18475 *Eragrostis japonica* (Thunb.)
Eragrostis Trin
Low grassy place

18476 *Leptochloa chinensis*
Leptochloa chinensis
Low ground

18477 *Echinochloa crus-galli* (L.) Beauv
Echinochloa crus-galli
around pond. Awnless form

18478 *Echinochloa crus-galli*
Echinochloa crus-galli
around pond - with 477 - awned form

Echinochloa crus-galli
18479 *Echinochloa crus-galli*
Form growing with 477 & 478

(L.) Beauv
18480 *Pennisetum alopecuroides*
Pennisetum
Low ground

Syntherisma sanguinalis
18481 *Syntherisma sanguinalis*
Wet along road

18482 *Chaetochloa indica* (L.) Scribn
Chaetochloa

A common weed - variable
from 2, mostly here usually
large - the stalk swelling

18483 *Chaetochloa lutescens* (Munz) Steud
Chaetochloa lutescens
A common weed

18484 *Cyncha indica*
Cyncha indica
Common weed along roads

(All) Link
18485 *Eragrostis ciliaris*
Eragrostis ciliaris
Weed along roads

18486 *Eragrostis japonica* (Thunb) Trin
Eragrostis japonica
Weed along roads

18487 *Chaetochloa geniculata*
Chaetochloa geniculata
Weed in garden

18488 *Eremochloa ophiuroides*
~~*Zizania phaeocephala*~~
Lawns & Community
mead for lawns

18489 *Eragrostis pilosa* (L) Beauv
Eragrostis pilosa
mead in garden

18490 *Eragrostis pilosa* (L) Beauv
Eragrostis pilosa
mead in garden

Banking - Purple Mountain outside
de walle can - Aug. 9.
18491 *Arundinella sinensis* Rendle
Arundinella
near summit - grassy slope

18492 *Imperata cylindrica* (L) Beauv
grassy slope near summit

18493 *Brachypodium sylvaticum* (L) Beauv
Brachypodium
among rocks near summit

18494

Miscanthus ^{(Thunb) Anders} *japonicus*
~~*Miscanthus* *sinensis*~~

Grassy slope near summit

18495

Koeleria cristata L

~~*Koeleria*~~

Grassy slope near summit

18496

Andropogon ischaemum
~~*Andropogon*~~

Grassy slope near summit

18497

Paspalum ^{Thunbergii Kth} ~~*amblycladum*~~
Paspalum

delle

18498

Cymbopogon hamatulus

delle

18499

Vilfa ^{Forsk} *trandra*

delle

18500

Cymbopogon
Cymbopogon ~~populifolius~~ *laevifolius*
ditto

18501

Eragrostis pilosa (L.) Beauv.
ditto
Along road near base

18502

Molinia serotina
Dependent
Along ridge near base

18503

Eragrostis pilosa (L.) Beauv.
Eragrostis
Along road near base

18504

Arthraxon lanccolatus Hack.
~~*Arthraxon lanccolatus*~~
(Willdenow)
Along ridge near base

18505

^{to east}
Outside wall - Nanjing - Aug. 10
Echinochloa colonum
Echinochloa *colonum*
Dwarf, along road

18506 *Paspalum* ^{*Thunbergii* Kth} ~~*senoberculatum*~~
None place

18507 *Audropogon ischaemum*
Open grassy ground - prairie

18508 *Homalocenchrus japonicus*
In water of pond

18509 *Echinochloa crus-galli*
Wet in rice field

18510 *Amudicella* ^{Stend} *acuminata*
Prairie

18511 *Sporobolus elongatus* R. Br.
Open ground along road

18512

(4) Karst
Poa fragmites

Ponds and grassy ditches
Common - called lu-chi

18513

Zizania latifolia Turcz

In water of pond. Stem long
decumbent & ascending - root
erect like one of *Z. palustris*

Specimen in several sheets

Kuling - Aug. 16 In mountains south of Kuling
alt. 3500 ft = 1100 meters

18514

Echinochloa *Echinochloa cuspidata*

Wet along ditch

18515

Dactyloctenium aegyptium L

Along road - probably introduced

18516

Dimorphia *sinuiflora* Trin

Open grassy walk

18517

Syntherisma chinensis (Nees) Hitch

Syntherisma chinensis

Open grassy walk

18518 *Agropyron semicostatum* ^{Mes}
Along ditch

9 18519 *Sacciolepis indica* (L.) Chan
Open & muddy walk

18520 *Agrostis pennans* (Walt.) Mack
Muddy well in part at shade

18520½ *Alopecurus genuiculatus* V
ditto

18521 *Arundinella anomala* ^{Sluets}
Mossy place

9 18522 *Arundinella anomala* ^{Sluets}
Mossy place - in large muds
glacis

9 18523 *Eragrostis peruviana* (Thunb.) Beauv
Mossy many places along
road

18524 *Eragrostis ferruginea* (Thunb) Beauv
della same as 523 but
smaller

18525 *Eragrostis stolonifera* L.
Along ditch

18526 *Phyllostachys bambusoides*
Among trees and shrubs - com-
mon as much as 20 ft - stem
green

18527 *Arundinella anomala* (Thunb) Kth
near place

18528 *Paspalum acrobiculatum* L.
near place along road

18529 *Syntherisma sanguinalis*
Open ground along road

18530 *Poa annua* L
Poa annua

on stone wall

18531 *Spodiopogon sibiricus*

Moist place edge of timber

18532 *Spodiopogon sibiricus*

Moist place

18533 *Eremochloa ophiuroides*

Moist bank at foot of
mountain

18534 *Trisetum flavescens* (L) Beauv

Moist shady place

18535 *Sporobolus elongatus* A Br

Open ground along road

g 18536 *Ischaemum ciliare* Retz
Ischaemum
marshy place in valley - above
2500 ft alt

18537 *Miscanthus sinensis* Anders
Grassy hillside - large tussocks
Above 3000 ft
2500

g 18538 *Calamagrostis epigijos*
Calamagrostis
Swamp - above 3000 ft
2500

18539 *Brachiaria villosa*
Brachiaria
Open grassy place 3000 ft
2500

18540 *Themeda triandra*
Themeda Fork

g 18541 *Oplismenus undulatifolius* (Retz) R. & S.
Oplismenus
Shady rocky bank

18542 Miscanthus sinensis Anders
Along stream - large bunches
3000 ft

g 18543 Pharusperma globosa
Mossy shady place along
stream. 3000 ft

g 18544 Arundinella annualis Steud
Mossy sunny place
3000 ft

18545 Bromus pauciflorus
dillo 3000 ft

18546 Arundinella annualis Steud
Mossy sunny place 3000

18547 Arundinella annualis Steud
dillo

Phyllostachys mitis
18548 Phyl. mitis

30 ft stem green (1st year) as
much as 2nd year, old stem
yellowish.

g 18549 *Lopatherum gracile* ^{Braun}
shady bank

g 18550 *Splachnum undulatifolium* ^{(ind) ROS}
shady bank

g 18551 *Trisetum glaberrimum* (L) Beauv
shady bank

Phyllostachys nigra
18552 Phyl.
10 ft stem & branches, bright
yellow, leaves more oval-lanceolate
than *P. puberula*, sheaths not firm-
bristled or only slightly so in young
branches.

Arundinella japonica ^{Beauv}
18553 *Arundinella*
after new ground on hillside

Kulung - Aug 17, Hills above town
Elevation in clamber 3500-3800
♂ 18554 Mesochorus sibiricus Audus
Somewhat prostrata - spikes few
purple

Arundinaria nitida
18555 Arundinaria or Bambusa
More than 4 ft tall - all
by vegetation is low as the
climber keep all the time low
back

♂ 18556 Spodiopogon sibiricus
Common 3-5 ft

Panicum acroanthum
♂ 18557 Panicum
Open more place along
trail

Trisetum flavescens (L.) Beauv
♂ 18558 Trisetum

Kulung - Aug 18 - Hermitage
This, most of town
18559 Arundinella anomala Beauv
Arundinella
Meadow, moist

8 18560 *Agrostis canina* L
Moss meadows

8 18561 *Juncus acutropoda*
Moss meadows among
grasses

18562 *Calamagrostis epigejos*
Moss meadows

18563 *Panicum aquaticum* (L) Ktze
Around pond

18564 *Exagrostis foliosa* (L) Beauv
Wet in garden

8 18565 *Paspalum Thunbergii* Ktze L
Moss meadows

g 18566 *Arundinella arundinacea* ^{Alum}
Grassy hillside

18567 *Agrostis peruviana* (Malt)
In field ^{Trick}

g 18568 *Arthropocis ciliaris* Beauv
Rustling hill

Syntherisma chinensis ^{(Mees) Helict.}
18569 *Syntherisma chinensis*
Chinensis
Open ground - a few specimens
from north angle of peak

g 18570 *Molinia japonica*
Grassy hills

Shanghai - China - Along Rail
way north of city Aug 26
18571 *Ischaemum sieboldii*
Along ditch

Paspalum ^{Thunbergii Kth} acrobulatum
18572 *Paspalum*
along ditch

Capriola dactylon
18573 *Capriola*
in field

Eragrostis ciliaris
18574 *Eragrostis ciliaris*
along road

Leptochloa ^{californica (Lam)} filiformis
18575 *Leptochloa filiformis*
in garden

Maurisium canapense
18576 *Maurisium*
along ditch

Eremochloa ^{aphuroides} aphuroides
18577 *Eremochloa aphuroides*
Lawn of park

18578 *Elymus indica* (L.) Gaertn.
Elymus indica
Invas. land along road

18579 *Pennisetum alopecuroides* (L.) Spm
Pennisetum
Common in grass land

18580 *Paspalum distichum* L.
Paspalum distichum
In ditch

18581 *Chenopodium latescens*
Chenopodium
Invas. land

18582 *Eragrostis ferruginea* (Thunb.) Beauv.
Eragrostis
Invas. land - perennial

18583 *Chenopodium viviparum*
Chenopodium
Common along roads & fields.

18584 *Syntherisma sanguinalis*
Syntherisma sanguinalis
Mud along road

18585 *Echinochloa crus-galli*
Echinochloa crus-galli
In ditch

18586 *Echinochloa crus-galli*
Echinochloa crus-galli
ditch

18587 *Echinochloa crus-galli*
Echinochloa crus-galli
ditch

18588 *Eragrostis pilosa* (L.) Beauv.
Eragrostis pilosa
Mud along road

18589 *Syntherisma sanguinalis*
Syntherisma sanguinalis
along ditch hedge

Hong Kong - Aug. 31, - Road to Peak
18590 *Miscanthus japonicus* (Thunb.) Anders
Rocky slope above Peak Hotel

(Kth) Hack
18591 *Dysoxylum madagascariense*
Thyrsanotus
Large bushes - hillside

(L) Merr
18592 *Eriochloa ciliaris*
Rocky cliff near summit

Andropogon
18593 *Andropogon*
Open grassland at summit

Ischaemum aristatum barbatum
18594 *Ischaemum* (Rt) Hack
Grassland above Peak
Hotel

Bambusa vulgaris
18595 *Bambusa*
Prostrate *B. vulgaris*
found above Bot. Garden
Plants termiting back making
some of the lower branches
flower.

18596 *Senecio arici Thompsonii* ^{Trin}
Rocky cliff

18597 *Ischaemum ciliare* Rehg
Ischaemum
Grassland above Peak Hole

18598 *Chaetochloa palmifolia* (Willd.) H & C
Chaetochloa palmifolia
Wooded bank

6571

A. S. Hitchcock 19

Q.S. 12.50