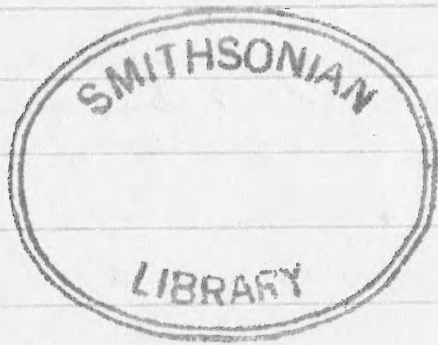


H. R. 5 F

number on spine
should be

16001-18530

Plants collected -
N.W. Yüenan and South-west
Szechuan Muli and Kouka
districts
May 1928 to Nov. 1929
by Joseph F. Rock.



North west Yunnan China
May 1928

16001 *Primula* sp? plant of. May
Jaungping near Wualapi 1928.
elev. 9300ft flowers purplish

16002 *Crataegus* shrub. 6-12 ft.
flowers white along streams
Jaungping plain Wualapi, 9300ft

16003 *Juncus* sp? tree 15 ft. flowers
white, Vudju, Nueli territory
Beshuan, elev. 10000ft. May 24th.

16004 *Rhodod.* sp? flowers purplish blue
alpine or swampy meadows of Vudju
P.W. Gsch. Nueli territory, elev. 10000ft
May 24th 1928.

16005 *Rhodod.* sp? flowers - small base
heads pink, same loc. as 16004
May 24th 1928.

16006 *Rhodod.* sp? shrub 2 ft flowers
purplish blue, meadows of Vudju
elev. 10000ft. May 24th.

16007 *Rhod.* sp? shrub 8 ft flowers large
pinkish white leaves dull forest north
of Vudju P.W. Gsch. Nueli road. elev. 11000ft
May 25th

16008 *Tridac.* herb flowers yellow on alpine
meadow elev. 11500ft below Mt. Piboh highest
photographer meadow.

16009 *Tridac* herb flowers purple
same loc. as 16008 neg. 140.

16010 *Syringa* sp? shrub 4 ft along
Lohwan stream below Mt. Piboh
elev. 10000ft flowers pale lavender
May 25th 1928

P. West Beshuan Nueli Territory
May - June 1928.

Plants of S. W. Reekman Muli
Mt. Siboh elevation 13000ft.

16011 *Primula* sp? flowers sulphur
alpine meadows of Mt. Siboh -
May 25th 1928.

16012 *Primula* sp? flowers purple,
no 16011. *Phthalopannine*

16013 *Rhodod.* sp? tree 15-18 ft.
forests of Mt. Siboh in canyon

16014 *Rhodod.* sp? shrub 4 ft. leaves
dors shrub in fir forest at 13000
pedicels.

16015 *Rhodod.* sp? shrub 6-10 ft
white forests of Mt. Siboh. elev.

16016 *Allium* sp? flowers yellow
no 16011 & 16012

16017 *Rhodod.* sp? shrub 3 ft flowers
of Mt. Siboh, 13300 ft.

16018 *Rhod.* sp? leaves large,
pink, forests of Mt. Siboh,

16019 *Rhodod.* sp. shrub 5 ft,
pink, Mt. Siboh - fir forest

16020 *Meconopsis integrifolia*,
yellow than those of north east
being also paler, Mt. Siboh,

Territory, collector May 1928
by J. F. Rock.

yellow, petals reflexed - swampy
Muli-Yanning watershed elev. 13000ft.

same locality in canyon with
flowers large deep purple.

leaves large brown flowers pink large,
with firs etc. elev. 13000ft. J. F. R.

thick leathery, flowers pink, forest
ft. on Mt. Siboh. flowers on long

flowers on slender pedicels, pinkish
13000ft.

alpine meadows of Mt. Siboh, with

dark purplish blue, swampy meadows

flowers in large globose heads
elev 13400ft. May 25th 1928.

leaves thick leathery flowers deep
elev. 13200ft. May 25th.

plant smaller and flowers more pale
Tibet grasslands of Kokonor, the hair
elev. 13000ft with no 16011.

S. W. Geckman Muli Territory
Mt. Siboh, Muli-Young

northern and southern slopes of
ring watershed, elev. 13000-13300ft.
May 25th 1928. J. F. Rock.

16021 *Primula* sp.? flowers dull
elev. 13000ft especially along

purple, alpine meadows of Mt. Siboh,
trail, S. W. Geckman. May 25th 1928

16022 *Incarvillea*, sp.? flowers
slopes (northern slopes) of Mt.

uncultured, on muddy gravelly
Siboh, elev. 13000ft.

16023 *Salix* sp.? shrub 6-8ft.,
13000ft.

forest outskirts of Mt. Siboh, elev.

16024 *Rhodod.* sp.? shrub 10ft.
Salix no 16023 and *Abies* etc.

flowers pink, in company with
Mt. Siboh, 13000ft elev. May 25th / 28

16025 *Primula* sp.? flowers pale
grasslands on edge of fir forests

purplish blue with yellow eye, several
13000ft on Mt. Siboh. May 25th / 28

16026 *Ranunculac.* herb. flowers
stock in shady banks in

deep yellow leaves large as, I root
fir forest on Mt. Siboh, elev. 13200ft.

16027 *Primula soucheifolia*, flowers
in moss shaded fir forests of

delicate purple with yellow eye.
Mt. Siboh, elev. 13000ft.

16028 *Primula* sp.? flowers drooping
slopes of Mt. Siboh, elev 13000ft

purple, in alpine meadows northern
May 25 / 1928.

16029 *Rhodod.* sp.? shrubs 4-5ft.
forests, elev. 13000ft. May 25 /

flowers deep pink, Mt. Siboh fir
1928.

16030 *Econyuncus* sp.? shrub 5-10ft.
Quercus semecarpifolia forest

flowers pale yellow, outskirts of
elev. 10500ft sand slopes of Mt. Siboh.
May 25th / 28.

16031 Rhodod. sp? shrub 10ft,
fir forest of Mt. Siboh elev.

flowers white leaves narrow,
13000ft. May 25/1928.

16032 Allium sp? flowers white
Mit'zupa, western slopes, elev
back or west of Muli pamba.

alpine meadows and forest of Mt.
12500ft in shade of trees. June 1928.

16033 Composite, flowers yellow
western slopes, west of Muli

- alpine meadows of Mt. Mit'zupa
pamba, elev. 13000ft June 1928.

16034 Carapana sp? prostrate shrub
western slopes of Mt. Mit'zupa

among limestone rocks elev. 13500ft.
June 1928. flowers yellowish and
purplish plak.

16035 Salix sp? shrub 8-10ft.
of Mt. Mit'zupa west of Muli.

along streams 12000ft. western slopes
June 1928.

16036 Salix sp? semi-prostrate shrub,
Mit'zupa, elev. 13000ft.

among rocks on western slope of Mt.
June 1928.

16037 Rhodod. sp? shrub 4-5ft,
western slopes of Mt. Mit'zupa

flowers lavender blue, - fir forest
west of Muli.

16038 Salix sp? shrub 6-8ft.
of Muli western slopes of Mt.

on edged alpine meadows, west
Mit'zupa, elev. 12500ft June 1928.

16039 Rhodod. sp? shrub 10ft tall

leaves glabrous, flowers pink,
same loc. as 16038.

16040 prostrate shrubs on edged
western slopes, west of Muli,

forest near summit of Mt. Mit'zupa
pamba June 1928

16041 Salix sp? shrub 5-6 ft,
of Muli, western slopes of Mt.

16042 Abies sp? tree 40-50 ft.
of Muli pamba elev. 11500 ft.-

16043 Rhodod. sp? shrub 5 ft.
western slopes of Mt. Ni'zuga,
flowers pale lavender.

16044 Rhodod. sp? shrub 3-4 ft.
meadows and forests west of

16045 Rhod. sp? shrub 5-6 ft,
Mt. Ni'zuga.

16046 Liliac herb flowers deep
Mt. Ni'zuga.

16047 Primula sp. flowers purple
Mt. Ni'zuga.

16048 Labiate flowers yellow,

16049 Ranunculac. herb flowers
Mt. Ni'zuga, elev. 13000 ft.

16050 Ranunculac. herb flowers

along brooks alpine meadows west
Ni'zuga 12500 ft. elev. June 1928

western slopes of Mt. Ni'zuga west
12500 ft. June 1928.

forest outskirts elev. 11000 ft.
west of Muli pamba.

flowers deep purplish blue, alpine
Muli pamba elev. 13000 ft.

flowers pale pink, elev. 13000 ft.

yellow alpine meadows
elev. 12000 ft.

blue along brooks, elev. 12000 ft.

same loc. as 16047.

deep yellow in wet places,

purple, same loc. as 16048

- 16051 Crucifer, herb flowers white same loc. as 16049. 15001
- 16052 *Carpinus* sp? shrub 30-40ft. bark red, elev. 10000-11000ft. western slopes. 15001
- 16053 *Androsace* sp? cushion of Muli'pamba. Mt. Mi'zuga plant among rock 14000ft west flowers pinkish red. 15001
- 16054 *Salix* sp? shrub 3ft. elev. 13000ft. alpine meadows of Mt. Mi'zuga, 15001
- 16055 *Androsace* sp? flowers white, same loc. as 16053. 15001
- 16056 *Primula* sp? flowers lavender purple among rocks 11500ft Mt. Mi'zuga western slopes. 15001
- 16057 herb. plant flowers purple same loc. as 16056. 15001
- 16058 *Allium* sp? flowers white same loc. as 16056 15001
- 16059 *Solmslaubachia* sp? flowers lavender blue, leaves linear small among rocks 13500ft. western slopes of Mt. Mi'zuga. 15001
- 16060 *Rhodod.* sp? shrub 3-4ft, leaves thick ~~leathery~~ leathery flowers purple, pedicels hairy alpine scrub or meadows 13500ft. Mt. Mi'zuga. 15001

16061 Rhodod. sp? shrub 5-6 ft.
red beneath, woolly flowers white
Muili

16062 Larix sp? 40-60 ft, leaves
west of Muili.

16063 Caragana, prostrate shrub,
yellowish pink, western

16064 Sorbus shrub or small
west slopes of Mt. Ni'zupa

16065 Larix sp? same as

16066 Primula sp? alpine meadows,
white, alpine meadows
west Mt. Ni'zupa.

16067 Liliac herb, flowers green
Mt. Ni'zupa. elev. 12500 ft.

16068 Ranuncul. herb, flowers
Mt. Ni'zupa elev. 12500 ft.

16069 Primula sp? flowers purple
elev. 12500 ft also in shade

16070 Salix sp? tree 15 ft.

leaves thick leathery cinnamon
rocky slopes of Mt. Ni'zupa west of
very short, elev 11500 ft, Mt. Ni'zupa

very spiny elev. 15000 ft flowers
slopes of Mt. Ni'zupa limestone rocks.

tree 5-8 ft. flowers white
elev 13000 ft.

16062.

flowers deep purple calyx streaked
elev. 12500 ft - 13000 ft.

spotted purple, alpine meadows of
specimen given Swingle.

yellow; wet alpine meadows,

, alpine meadows Mt. Ni'zupa,
forests.

western slopes of Mt. Ni'zupa,
elev. 11000 ft.

16071 *Primula* sp? leaves glabrous
calyx streaked white, elev 12500ft.

16072 *Incarvillea* sp? flowers white

16073 Labiate, prostrate herb, flowers

16074 *Salix* sp? shrub 5-6ft.
Mt. Ni'tyupa.

16075 *Iris* sp? flowers deep purple,
Mt. Ni'tyupa.

16076 *Guaphalium* sp? flowers
12500ft elev.

16077 *Incarvillea* sp? flowers purple
Mt. Ni'tyupa 13000ft.

16078 *Rhodod.* sp? shrub 3-4ft.
alpine regions of Mt. Ni'tyupa

16079 *Salix* sp? shrub 1-2ft.

16080 *Rhodod.* sp? shrub 6-8ft.
brown beneath, alpine regions

lanceolate, flowers deep purple
alpine meadows of Mt. Ni'tyupa.
western slope of Mt. Ni'tyupa, elev.
12000ft.

blue, same loc. as 16072.

alpine meadow western slopes of Mt.

alpine slopes dry regions elev 12500

pinkish rocky slopes of Mt. Ni'tyupa

leaves small, wet gravelly slopes,

leaves leathery flowers pink,
13000ft.

alpine regions of Mt. Ni'tyupa,
elev. 13000ft.

flowers deep purplish pink, leaves
of Mt. Ni'tyupa, 13000ft.
shrubs 3-4ft more common.

16081 Rhodod. sp? shrub 1 ft. flowers
slopes of Mt. Mitiga. elev. 13500 ft.

16082 Rhodod. sp? shrub 4-6 ft. flowers
purple, alpine region of Mt.

16083 Salix sp? shrub 1-2 ft.

16084 Rhod. sp? shrub 3-4 ft. flowers
12000 ft. Mt. Mitiga.

16085 Rhod. sp? shrub 3-4 ft.
flowers white, alpine region

16086 Berberis sp? flowers yellow

16087 Oryzallopsis, flowers deep
Mt. Mitiga 13000 ft.

16088 Rhodod. sp? shrub 3-4 ft.
region of Mt. Mitiga rocky

16089 Rhod. sp? shrub 2 ft. - 3 ft.
rocky slopes of Mt. Mitiga.

16090 Cotoneaster sp? flowers red

dark purplish blue, rocky alpine

white with pinkish tinge, spotted
Mitiga. 13000 ft.

alpine region wet meadows, Mt.
Mitiga 13000 ft.

white small fragrant, rocky slopes

leaves linear lanceolate woolly beneath
dry slopes, 13500 ft. Mt. Mitiga.

rocky slopes of Mt. Mitiga, elev 12000 ft.

purple large, alpine meadows of

flowers purplish pink, alpine
slopes 13500 - 14000 ft.

flowers deep purplish pink, high
elev. 14000 ft.

shrub 2-3 ft. slopes of Mt. Mitiga
among rocks 12000 ft.

- 16091 *Primula* sp? flowers pale purplish blue, leaves small yellowish green beneath. slopes of Mt. Ni'gupa elev. 11500ft.
- 16092 *Cotoneaster* sp? shrub 4-5ft. flowers pinkish, elev. 10000ft. along trail slopes of Mt. Ni'gupa.
- 16093 *Saxicraga* sp? shrub 8ft. fruits red, slopes of Mt. Ni'gupa, elev. 11000ft.
- 16094 *Cotoneaster* sp? shrub 3ft, flowers red, rocky slopes 10000ft. Mt. Ni'gupa.
- 16095 *Ranunculac.* flowers yellow, slopes of Mt. Ni'gupa ^{western} ~~western~~ slopes, meadows.
- 16096 *Salix* sp? shrub 4-6ft., western slopes of Mt. Ni'gupa, elev. 10000ft.
- 16097 *Rhodod.* sp? shrub 3-4ft. flowers white Mt. Ni'gupa rocky slopes. 13000ft.
- 16098 *Rhodod.* sp? shrub 3-4ft. flowers purplish pink, same loc. as 16097
- 16099 *Rhod.* sp? shrub 2-3ft. flowers small white with pinkish tinge, same loc. as 16097
- 16100 *Rhodod.* sp? shrub 4ft. flowers cream-colored, rocky slopes of Mt. Ni'gupa, elev. 11000ft.

- 16101 *Primula* sp.? flowers deep purple
of Mt. Mikyga 13000ft. elev. in fir forest and alpine meadows
- 16102 orchid, flowers yellow
10000ft. Mt. Mikyga. meadows of Mt. Mikyga, elev.
- 16103 herb, flowers blue, same loc. as 16102.
- 16104 Liliac. plant flowers large yellow, same loc. as 16102
- 16105 *Tsuga* sp.? tree 40ft. forest of Mt Mikyga 11000ft.
- 16106 shrub, 1 ft. tall flowers reddish, lower slopes of Mt. Mikyga
elev. 10000ft.
- 16107 *Arisaema* sp.? flowers white grassy slope of Mt Mikyga, elev.
10000ft.
- 16108 Labiate, plant 2 ft, flowers yellowish-purplish same loc. as
16107
- 16109 Asclepiad. vine flowers yellowish - purplish tinge. same loc. as 16107
- 16110 *Paeonia* sp.? shrub 1-2 ft. flowers yellow, same loc. 16107.

- 1 16111 Rhodod. sp.? shrub 6-8 ft. flowers sulphur yellow,
forests of Mt. Siboh northern slopes elev. 12000 ft. May 26th 1928.
- 1 16112 Rhodod. sp.? shrub 8 ft. flowers pinkish purple, slopes of Mt Siboh
same loc. as 16111
- 1 16113 Liliac. plant flowers white on mossy banks in spruce forest
northern slopes of Mt. Siboh S.W. base elev. 92500 ft. May 26th 28.
- 16114 Rhodod. sp.? shrub 8-10 ft. flowers pale pink & smoke colored
same locality as 16111.
- 1 16115 Rhodod. sp.? shrub 3 ft. near summit of Mt. Siboh elev. 13000 ft
northern slopes. May 26th/28. flowers dark bluish purple.
- 16116 Spiraea sp.? shrub 6-8 ft. flowers white, Mili valley near
Sili 9300 ft elev. May 26. th 28.
- 16117 Dentzia? shrub 10 ft. flowers white same local. as 16116.
- 16118 Spiraea sp.? shrub 6-8 ft. flowers white same loc. as 16116.
- 16119 Salix sp.? shrub or small tree along streams near Mili (Muli) 9600 ft
elev. P. W. Zechman
- 16120 Quercus sp.? shrub 5-6 ft. Mili valley dry slopes, elev. 9600 ft.

- 16121 *Primula* sp.? in shaded ravine, valley elev. 10000ft. May 26th 1928. on banks Muli-Pili route, Muli 1928.
- 16122 Tree 20ft. to 30ft tall greenish white, leaves dull green Muli valley, elev. 10000ft. flowers May 26th 1928.
- 16123 Tree 10-20ft. same loc. as 16122.
- 16124 *Pyrus* sp.? tree 15-20 ft or more spring. flowers white same loc. as 16122
- 16125 Tree or shrub 6-8ft, tall flowers yellow. along streams same loc. as 16122.
- 16126 *Peonia* sp.? shrub 2-3ft flowers to. Piboh shan elev. 12500ft small dark red to black, along trail southern slope of Mt. Piboh, edge of forest
- 16127 *Pieris* shrub 5-6ft flowers white elev. 10000ft. Muli valley.
- 16128 *Lytroc.* shrub 6ft flowers pale pinkish white. same loc. as 16127
- 16129 *Xanthoxylum* sp.? shrub 8-10ft. Muli valley elev. 9500ft. May 26th
- 16130 herb, flowers green, in meadows of Muli valley elev. 9000ft.

16131 Shrub 5-10ft. flowers small
river valley, elev. 7500ft.

16132 Rhodod. sp? tree 15-20ft.
large. this species flowers early;
Tzupa 11000ft elev. June 1928.

16133 Quercus semicarpifolia,

16134 Euonymus sp? tree 10-15ft.

16135 Tree 10-20ft. flowers white

16136 Rhodod. sp? shrub 2-4ft.
valley, Muli, elev. 10000ft.

16137 herb flowers white dry rocky

16138 Cotoneaster sp? shrub 4-5ft.

16139 Prunus sp? ~~Shrub~~ shrub 4-5ft
June 1928, flowers white

16140 Meliosucca sp? ditang river

- pendant raceme, in ditang
June 1928. Muli.

with long straggling branches, leaves
- herbaceous, Tzupa forest of Mt. Muli.

shrub 2ft. Muli valley 9000ft elev.
June 1926.

flowers yellow, same loc. as 16133.

same loc. as 16133.

flowers pale lavender, ditang river
June 1928.

slopes of ditang river valley elev. 10000ft.
Muli.

flowers white same loc. as 16137

Muli valley ditang river elev. 10000ft.
seeds sent.

valley slopes flowers cream-colored
elev. 8000ft. June 1928.

- | | |
|---|---|
| 16141 <i>Acer</i> sp? tree 15-20 ft. Ditang | river valley, elev 9000 ft. June 1928.
north of Muli' |
| 16142 <i>Carex</i> sp? tree 15-20 ft. flowers | white same loc. as 16141. |
| 16143 <i>Juniperus</i> sp? shrub 4-5 ft. | same loc. as 16141. |
| 16144 <i>Cotoneaster</i> sp? shrub 3-4 ft. | " " " |
| 16145 herb flowers white moist banks | same loc. as 16141. |
| 16146 <i>Cotoneaster</i> sp? shrub 3-4 ft | flowers white Ditang river valley
north of Muli'. elev. 9000 ft. |
| 16147 <i>Cotoneaster</i> sp? shrub 4-5 ft | flowers? same locality as 16146. |
| 16148 <i>Rhododendron</i> sp? shrub 2 ft,
Muli' valley elev. 9000 ft | flowers bluish purple, dry slopes of
June 1928. |
| 16149 <i>Lichens</i> forest of Djago east of | Muli - spruce forest elev. 11000 ft.
June 1928. |
| 16150 <i>Diapeltis</i> forest of Djago, | same loc. as 16149.
flowers cream-colored orange tinge. |

16151 Rhod. sp? shrub 4-5 ft. open off.
forest back of Kopati or Toten-

flowers pink, dry slopes in spruce
ling (Larrea) 11000 ft. elev.
June 1928.

16152 Leguminous shrub 5-6 ft.
forests of Kopati Muli

flowers pink - drooping racemes,
district. same loc. as 16151.

16153 Scutya sp? shrub 4-5 ft.

flowers white same locality
as 16151.

16154 Rhodod. sp? shrubs 12 ft.
Djago forest. elev. 11000 ft.

flowers lavender & pink, Kopati-
Muli district.

16155 Rhodod. sp? shrub 6 ft

same locality as 16154.

16156 Rhodod. sp? shrub 2 ft. flowers
elev. 11000 ft.

pink, spruce forest clearing, at
Kopati east of Muli;

16157 Peonia sp? shrub 5 ft. flowers

yellow spruce forests of Kopati
east of Muli; elev. 11000 ft.

16158 Rhodod. sp? shrub 2-3 ft.

flowers pink clearings - spruce
forest at Kopati elev. 11000 ft.
June 1928.

16159 Monard. flowers greenish,

slopes - pine forest of Kopati,
east of Muli 11000 ft.

16160 Spiraea sp? Kopati along

stream 10500 ft. June 1928.

16161 *Leptodermis* - spruce forest
shrub 3 ft. flowers pale pink.

16162 *Aureum* flowers white,
day east of Muli.

16163 ~~Leptodermis~~ *Tsuga* sp? tree 50-80 ft.
see neg. no. 47096
foreground, with *Rhododendron*

16164 *Rhodod.* sp? tree 15 ft - 20 ft.
neg. no. 47097 of Djago east of Muli

~~16165 *Rhodod.* sp? tree 15 ft - 20 ft.
neg. no. 47097 of Djago east of Muli~~
16165 *Juncovillea* sp? alpine
elev. 12500-13000 ft.

16166 *Primula* sp? flowers yellow

16167 *Primula* sp? (*secundiflora*)
alpine regions of Mt. Mitzupa,

16168 *Rhodod.* sp? shrub 10 ft, flowers
Mt. Mitzupa Muli elev. 12500 ft.

16169 *Rhodod.* sp? shrub 6-8 ft.
back of Mt. Mitzupa western slopes

16170 Labiate, flowers lavender
alpine meadows of Mt. Mitzupa

between Djago and Kopati
elev. 11000 ft. June 1928.

on grassy slopes at Kopati one
elev. 10000 ft. June 1928.

forests of Djago elev. 11600 ft.
photographed forest with this tree -
no 16164. see negative 165,

flowers white? with 16163 - forest
photographed this with *Tsuga*.
Mt. Mitzupa. June 1928. see negative 166.

meadows of Mt. Mitzupa western slopes
June 1928.

same loc. but - forest and among
shrubs, elev. 13000 ft. June 1928.

flowers purplish red, along water course
western slopes, Muli. June 1928.
elev. 12500 ft.

yellow forests of south western slopes of
June 1928.

flowers purplish pink, elev. 14000 ft.
June 1928.

perennial, forming prostrate rosettes,
western slopes, Muli, June 1928.

Mts. Ni'gupa, western slopes, Muili,
river. June 1928.

territory, south east of Show chu

- 16171 *Paeonia* sp? flower pink, -
plant 2 ft tall photogr.
neg. no. 47130 (personal neg. no. 213).
47131
- 16172 *Rhodod.* sp? shrub 10-12 ft.
and fir forest 13000 ft. en route
to Show chu.
- 16173 *Saxifrage*, flowers purplish
and spruce, elev. 13500 ft.
red, leaves thick fleshy - forest of fir
below Saterohu camp northern slope.
- 16174 *Primula* ^{nudicaule H. Mu.} sp? lavender pink
see photogr. no 47147
same loc. as 16173.
flowers, eye white, - mossy forests
of fir with *Rhodod.* elev. 13800 ft. - 14000 ft.
- 16175 *Primula* sp? flowers pale blue
autoak forest south west of Muili,
eye yellow, rocky dry slopes - pine
elev. 11500 ft. June 1928.
- 16176 *Primula sino-purpurea?*
Muili, elev. 14000 ft. flowers
swampy meadows, back of Mt. Ni'gupa
deep purple.
- 16177 *Caragana* sp? shrub 1 ft high
rocky slopes and scree, at of limestone
elev. 14000 ft.
spreading, flowers yellowish pink,
crags western slopes of Mt. Ni'gupa
- 16178 *Rhodod.* sp? shrub 1-2 ft, flowers
of Ni'gupa near Saterohu elev.
yellow alpine meadows slopes, west
14600 ft. June 1928.
- 16179 plant 1/2 ft. tall spreading
flowers yellow, back of Mt.
in forest as well as alpine meadows,
Ni'gupa, elev 13500 ft.
- 16180 *Poleic.* flowers green, in sharp
Ni'gupa, elev. 14000 ft. June 1928
limestone scree below crags of Mt.
north western slopes.
specimen given Durville

- 16181 *Potentilla* sp.? spreading herb
 elev. 14000ft near Yangp
 flowers yellow in gravelly slopes
 mo-tso-tso pass, back of Mt. Mtizupa.
- 16182 Leguminous herb prostrate
 in alpine meadows 14500ft.
 flowers yellow, back of Mt. Mtizupa
 between Sateroha and Sen hui'ssu.
- 16183 *Anemone* sp.? flowers white at
 alpine meadows.
 camp Sen hui'ssu, 14300ft -
- 16184 *Ribes* sp.? shrub 3-4ft. alpine
 meadows, elev. 13000ft below Sen hui's
 course with *Primula*, same loc.
 as 16184.
- 16185 Crucifer, flowers white in water,
 yellow in Rhod. scrub, elev. 16400ft.
 at Shi'Khain.
- 16186 *Lonicera* sp.? shrub 1-2ft. flowers
 yellow in Rhod. scrub, elev. 16400ft.
 at Shi'Khain.
- 16187 *Ranunculus* herb flowers yellow
 tso-tso and Sateroha.
 alpine meadows between Yangpue
 elev. 14600ft.
- 16188 *Potentilla* sp.? flowers yellow,
 leaves green, same loc. as 16187.
- 16189 *Cypripedium* ^{Fr.} *luteum* prosey
 Sateroha and Ruteh
 photographed this species.
 slopes under pines and oaks between
 northern slopes of Mt. Mtizupa, elev.
- 16190 *Primula* sp.? flowers lavender
 near Sateroha, elev 14200ft.
 blue, swampy [↑] shady places in oak forest
 (rep. no. 47132 Nat. Geogr.)

- 16191 *Primula* sp. flowers orange yellow alpine region - shady forest of fir
 elev. 14300ft. forest of 'Sen hyi' ssu.
- 16192 *Rhodod. croceum* B. & Far. flowers yellow forest of larches below
Rhodod. sp. shrub 10-15 ft. photographed this species (autochrome)
 Sateroha en route to Rintuh.
 elev. 13000ft.
- 16193 *Sorbus* sp. forest of Sateroha tree 15ft, flowers white, with *Rhododend.*
 elev. 14300ft.
- 16194 *Rhodod. timetum* B. & Far. flowers lavender blue, photographed
Rhodod. sp. shrub 15-18 ft. camp en route to Rintuh. elev. 13000ft.
 with 16192, forest below Sateroha
- 16195 *Pedicularis* sp. herb, flowers purple - alpine meadows of back of Mt. Mituga
 elev. 14300ft.
- 16196 *Pedicularis* sp. flowers pink same loc. as 16195.
- 16197 *Primula* sp. flowers pink on banks of pond elev. 14500ft western
 slopes of Mt. Mituga foot of lime stone crags.
- 16198 *Euphorbia* sp. in gravelly slope western slopes of Mt. Mituga.
 elev. 15000ft.
- 16199 herb, flowers yellow, same loc. as 16198.
- 16200 orchid flowers purple clayey soil alpine regions under willow scrub, elev.
 14500ft. Mt. Mituga.

- 16201 Leguminous plant prostrate flowers
western slopes, elev. 14400ft. purple, gravelly slopes of Mt. Mit'upa
- 16202 Anemone, on limestone crags
Mt. Mit'upa western slopes. elev. 15000ft, flowers delicate lavender,
- 16203 Primula sp? flowers deep purplish
pa elev. 15000ft. beyond camp - blue alpine meadows back of Mt. Mit'upa
Sen hyi ssu.
- 16204 Solms-Laubachia? sp? flowers,
screes back of Mt. Mit'upa elev. flowers pinkish-blue, on limestone
15300ft.
- 16205 Crucifer flowers yellow very fragrant same loc. and in company with 16204.
- 16206 Anemone sp? flowers white and lavender blue. same loc. as 16205.
- 16207 Rhodod. sp? prostrate shrub 4-5 inch
flowers purplish red. high limestone scree with 16204 and 16205
- 16208 Ericac. plant flowers cream-col. on limestone crags 15300ft same
loc. as 16204.
- 16209 Androsace spiculifera flowers
11000ft. Muili. rich pink, pine forests of Mt. Mit'upa
- 16210 Primula sp? same loc. as 16209. flowers blue, eye yellow, dry rocky
slopes.

- 16211 *Hemerocallis* sp.? flowers orange yellow, same loc. as 16210 and 16211.
- 16212 *Syringa* sp.? shrub 15 ft., flowers pink, fragrant, sparse forest of 11500 ft. Mt. Mitzuga, Nuni.
- 16213 *Lonicera* sp.? shrub, 10 ft., flowers pale yellow, same loc. as 16212
- 16214 Lichen from forest of northern exclusively on *Abies* sp.? elev. slopes of Mt. Mitzuga Sateroha camp, 14300 ft. Nuni.
- 16215 Lichen same loc. as 16214. on firs.
- 16216 Lichen, same loc. as 16214. " "
- 16217 Labiate, flowers yellow, forest beyond Sateroha, fir forest, 14000 ft. Mt. Mitzuga.
- 16218 *Rhodod.* sp.? shrub 1-2 ft., flowers bluish-purple, alpine region of Mt. Mitzuga elev. 14300 ft. ~~forest~~ western slopes. see rep. no. 47/24-25. personal rep. no. 205-206.
- 16219 *Anemone* sp.? flowers white above - blue beneath a pine meadows of Mt. Mitzuga, Nuni; western slopes.
- 16220 *Crocifer*, flowers yellow - in scree below limestone crags of Yang no too Mt. Mitzuga. elev. 14900 ft. north west slopes of

- 16221 *Rhodod. sp?* shrub 2-3 ft, flowers blue, alpine region back of Mt. Mit'upa, Nuoli, elev. 14500ft.
- 16222 *Meconopsis sp?* flowers deep purple-blue, meadows of Sen byi'ssu, Mt. Nu'izupa western slopes elev. 14500ft.
- 16223 *Anemone sp?* flowers large white on edge of fir forest, at 14000ft elev. beyond Sateroha camp north-west of Mt. Nu'izupa.
- 16224 *Salvia sp?* flowers purplish red same loc. as 16223.
- 16225 *Rhodod. sp?* shrub 15-20ft. — larch and spruce forest elev. 13000ft. beyond Sateroha camp, Mt. Nu'izupa, northwestern slopes. Nuoli.
- 16226 *Iris sp?* flowers deep purple, alpine meadows of Mt. Nu'izupa, elev. 14000ft. Nuoli, western slopes.
- 16227 Labiate, flowers pale yellow, same loc. as 16223.
- 16228 *Rhodod. sp?* shrub 3 ft. flowers pinkish-purple, oak forest 11000ft, between Sateroha and Rutuh, northwestern slopes of Mt. Nu'izupa.
- 16229 *Pedicularis sp?* flowers purple, north west slopes of Mt. Nu'izupa above Rutuh, elev 12500ft — spruce forest and also alpine meadows 14500ft.
- 16230 *Pedicularis* flowers yellow, spruce forest and alpine meadows above Rutuh elev 13000ft. at Karotung on alpine meadow.

- | | | |
|-------|---|--|
| 16231 | <i>Picea</i> sp? tree 50-100ft. - 150ft
alpine meadows, elev. 12600ft. | see plots bordering Parontoy (veg no 212.)
north west slopes of Mt. Niizuga.
veg. no. 47340 had frags. |
| 16232 | <i>Melencome</i> sp? flowers white
elev. 12000ft. | below Parontoy - forest of spruce |
| 16233 | Rosac. shrub 3ft. same loc. | as 16232, flowers white. |
| 16234 | Rubiace. herb flowers yellow
elev 12000ft above Ruteh. | fragrant, rocky slopes in pine forest |
| 16235 | <i>Leptodermis</i> sp? flowers pink | shrub 3ft. same loc. as 16231. |
| 16236 | Composite forming flat rosettes
elev. 14200ft. near Pateroka. | flowerheads purple - alpine meadows
north west slopes of Mt. Niizuga. |
| 16237 | Composite flowerheads rich
western slopes of Mt. Niizuga, | yellow alpine meadows 14600ft,
Kuli. |
| 16238 | <i>Aster</i> sp? ray fls florets deep | purple, same loc. as 16237 |
| 16239 | Umbelliferae flowers white -
slopes of Mt. Niizuga, | limestone scree elev 14900ft. northwest |
| 16240 | <i>Meconopsis</i> sp? flowers steel- | blue, same loc. as 16239. |

- 16241 cushion plant on limestone crags
flowers?
- 16242 Composite, rosette plant - alpine
Yang no' too too pass.
- 16243 Umbellifer flowers white
- 16244 Aster sp? flowers purple,
- 16245 Allium sp? flowers wine colored
- 16246 Boragin. herb flowers rich blue
Nuli mountain elev. 14800ft.
- 16247 Potentilla sp. flowers yellow,
- 16248 Crucifer. fruiting limestone crags
Mt. Mitzupa (Nuli).
- 16249 Meconopsis sp? flowers deep
- 16250 Androsace, flowers white same
- western peaks of Mt. Mitzupa, elev. 15800ft
- meadows, elev. 14600ft west Mt. Mitzupa
- same loc. as 16242.
- same loc. as 16242.
- same loc. 16242
- alpine regions of north west Mitzupa
- cushion plant same loc. as 16241.
- and scree 15800ft. western summit of
- purple alpine meadows of Sen hui'ssu
- loc. as 16241.

- 16251 *Corydalis* sp. flowers pale cream,
 elev. 15600 ft. western slopes of Mt.
 Nitzupa, Muili mountain. leaves pale green, high alpine scree,
- 16252 *Crucifer* same loc. as 16251. flowers lavender.
- 16253 *Ranuncul.* herb flowers green, same loc. as 16251
- 16254 herb flowers orange red,
 elev. 15200 ft. western slopes. alpine meadows of Mt. Nitzupa
 Muili.
- 16255 *Aconitum* sp. flowers deep purple. same loc. as 16254.
- 16256 herb flowers reddish green, same loc. as 16254.
- 16257 *Primula* sp. flowers pink on
 Muili valley. moist banks near Muili, elev. 10000 ft.
- 16258 *Composite* flowers yellow - pine forest near Muili 10500 ft.
- 16259 *Geraniac.* plant on limestone
 mountains, elev. 10500 ft. boulders, flowers yellow, Muili
- 16260 *Morina* sp. flowers purple, west of Muili, - larch forest 11500 - 12000 ft.

16261

Primula sp? flowers ~~to~~ wine colored
Uuli, 12000ft elev.

in shady banks under shrubs, west of

16262

Aster sp? florets deep purple,
open meadows. 12500ft.

same locality as 16261 but

16263

Composite flowers yellow,

same loc. as 16262.

16264

Orchid, flowers pinkish purple,
into spruce forest elev 12500ft.
west slopes of Mt. Mt. Tupa, Uuli teri

on banks under pine trees also extending
between Sateroha and Ruteh north-

16265

Polygonum sp? flowers white,
with jacinth, osteomeles etc.

dry gorge of Shou chu, 9200ft elev.
north west of Uuli.

16266

herb. flowers pink, same loc.

as 16265 on dry rocky banks.

16267

Primula sp? flowers lake-colored
Sjaku gorge elev. 10000ft.

purple, drooping watercourse of the
tributary of the Shou chu.

16268

Polygonum sp? flowers greenish,
of Shanandaji, tributary of Sjaku.
elev. 8700ft.

forest of the Logachu the glacier stream

16269

Asclepiad. vine over shrubs -
flowers pale pink.

Shou chu gorge, north west of Uuli, 9000ft.

16270

Primula sp? moist banks
flowers purple.

in Shou chu gorge, 9600ft.

16271 shrub 3-4 ft, flowers yellow,
camp, elev. 8600ft.

16272 Rosa sp. in spruce forest of
white, shrub 15 ft. north west of

16273 Composite shrub, flowers white

16274 herb, flowers yellow, dry banks

16275 Clematis sp. shrub 5-6 ft.
Shou chu, elev. 9000ft.

16276 Jasminum sp. shrub 2-3 ft,
Shou chu 8000ft elev.

16277 herb flowers blue, near Kauru.
dry banks.

16278 Dipsacus sp. flowers pink,

16279 Spiraea sp. shrub 4-5 ft, arid
flowers white

16280 Rhododendron sp. shrub 10-
but in company with yellow Rhod.

dry gorge of the Shou chu, at Lameda

Raroutou, elev. 12600ft flowers
wt. Mt. Kupa.

4 ft. dry gorge of Shou chu 9000ft.

arid gorge of Shou chu, elev. 9000ft.

creek, flowers white, arid gorge of

flowers large yellow, dry arid gorge of

cha pomba, Shou chu valley elev. 9500ft

same loc. as 16277

slope of Shou chu valley elev. 8500ft

15 ft flowers large white not yellow
slopes of Mt. Kupa (epitum) above Paruk
elev. 13000ft.

16281 Acer sp. tree 35-40 ft. flowers yellow above Paruh, elev. 13500 ft.

16282 Rhod. sp. flowers yellow, shrub, elev. 12500 ft. - 13000 ft.

16283 Iris sp. 2-3 ft tall flowers deep on Mt. Kouka eastern slopes,

16284 Dentaria? shrub 6-10 ft flowers Kouka, elev. 12000 ft.

16285 Lilium sp. 3-4 ft tall, flowers eastern slopes, elev. 14500 ft.

16286 Corydalis sp. flowers ultramarine shrub, 14000 ft. camp Shi Khain

16287 Aconitum sp. plant 3 ft tall and Rhodod. shrub. same loc. as

16288 Pedicularis sp. flowers purple,

16289 Senecio, flowers yellow ~~sp.~~

16290 Aster sp. alpine meadows, Paruh, elev. 14200 ft.

forest on eastern slopes of Mt Kouka Mt. Shanandodji.

10 ft. forest eastern slopes of Mt. Kouka

purple, grassy banks, forest clearing Shanandodji, elev. 12000 to 14000 ft.

white, forest of eastern slopes of Mt.

green, in fir forest of Mt. Kouka, Shanandodji.

blue in Rhododendron and willow west of Mt. Ni'gupa, Nuli.

flowers deep purplish blue, in willow 16286.

same locality as 16287

alpine meadows, same loc. as 16287.

eastern slopes of Mt. Kouka above

16291 *Primula* sp.? flowers deep dull
eastern slopes of Mt. Kouka alpine

16292 Ranuncul. herb flowers yellow,

16293 *Pedicularis* sp.? flowers purple,
eastern slopes of Mt. Kouka
~~Pass~~ Jkon zbe Jkon pass 15000ft.
16294 *Primula* sp.? alpine meadow,
dodji, elev. 15200ft Saiyo Katsuo.

16295 *Primula* sp.? flower bluish purple,
eastern slopes of Mt. Kouka 14200ft.

16296 *Omphalogramme* ^{viciiflorum Fr.} sp.,
purple. photogr. this species.

16296a
16297 *Primula* sp.? flowers pale pink

16298 *Primula* sp.? flowers yellow,
in willow scrub 15200ft.

16299 herb, flowers reddish, same loc.

16300 *Allium* sp.? same loc. 16295

purple, moist grassy banks,
meadows 14200ft.

same loc. as 16291.

alpine meadow above Jareh, ~~at~~

below Dzambala foot of Mt. Shansen
Mt. Kouka. flowers deep purple,

- alpine meadows above Jareh,

same loc. as 16295. flowers deep
red. no 47147 Mt. Jear. loc.

water courses same loc. as 16295.

alpine meadows of Mt. Kouka
Mt. Shanandadji.

as 16298 on grassy slopes.

flowers white.

16301 *Quercus*, flowers yellow
of Mt. Kouka, elev. 15000ft.

16302 *Conoclinium* sp. flowers yellow,

16303 *Quercus*, flowers lavender purple,

16304 *Pedicularis* sp. summit pass
elev. 15000ft. flowers purple,

16305 legum. herb, flowers purple,
Uniculate?

16306 *Pedicularis* sp. flowers white
Kouka elev. 15300ft. eastern slopes.

16307 *Pedicularis* sp. flowers pale pink

16308 *Primula* sp. flowers deep purple,

16309 *Accuranthus*. herb, cliffs and crags
Shanondadji

16310 *Rhodod.* sp. shrub 15ft. flowers
Gkon zse gkon pass, Mt. Kouka

on limestone crags eastern slopes
Mt. Shanondadji.

same loc. 16301.

same loc. 16301.

of Gkon zse gkon alpine meadow,

same loc. as 16304.

and purple, alpine meadows of Mt.

same loc. as 16306.

same loc. as 16306.

of Mt. Kouka eastern slopes, elev. 15400ft.

pinkish purple, Rhod. forest near
eastern slopes 15000ft.

16311 *Primula* sp. flowers reddish
summit pass Khou zse phou

16312 *Anemone* sp. flowers red
Shanandadji, elev. 15600ft.

16313 *Meconopsis* sp. flowers purplish
Shanandadji. Camp Djrapo-tze.

16314 *Corydalis* sp. flowers mauve-
eastern slopes of Mt. Kouka,

16315 *Meconopsis* sp. flowers deep
blue and white territory elev. 17000

16316 *Geranium* sp. flowers pink
Uhan she glacier southern
15100ft

16317 *Meconopsis* sp. flowers blue,
Kouka Shanandadji,

16318 *Primula pseudosikkimensis*,
Sheureziq near lake Russai t'ku,

16319 *Anemone* sp. flowers white same

16320 *Crucifer*, flowers yellow, western
elev. 16500ft. among rocks,

purple, banks - ^{grassy} Pleas. forest near
Mt. Kouka, Shanandadji, elev. 15000ft.
alpine meadows of Mt. Kouka,
prostrate creeping.

blue, alpine meadows of Mt. Kouka
elev. 15300ft.

colored, on scree near Djrapo-tze
elev. 15300ft.

purple, alpine region border of Kouka-
Jussa la Ka pass, Mt. Kouka.

alpine meadows at foot of
slopes of Jambiyang, Mt. Kouka,

spines yellow, eastern slope of Mt.
elev. 16500ft.

alpine meadows of western slopes of
elev. 15600ft.

loc. as 16318.

slopes of Sheureziq Mt. Jambiyang
Mt. Kouka.

16321 *Leontopodium* sp? southern slopes
on muddy scree.

16322 *Caraparea* flowers pink, a much
shrub, elev. 15400ft Mt. Korka.

16323 *Primula* sp? flowers blue,
of theuzij, Mt. Korka, elev.

16324 } *Primula* sp? flowers pink,
on scree, elev. 15600ft. southern
Probably sent out only as 16324

16325 } *Primula* sp? same as 16324.
Mt. Korka 15400ft.

16326 *Primula* sp? flowers purplish
banks western slopes of Mt. Sheu-
den-dran scrub. Mt. Korka.

16327 Composite sp? flowers yellow,
as 16326.

16328 *Primulac.* herb flowers pink,
elev. 16300ft. on boulders. Mt. Korka.

16329 *Daphne* sp? shrub 2ft, flowers
elev 14400ft. Mt. Korka, north

16330 *Primula* sp? flowers reddish pink

of Mt. Jambiyang Mt. Korka, 16500ft

branching shrub, western slopes of

leaves white beneath, western slopes,
15400ft.

growing in large clumps on banks and
cliffs of Jambiyang, Mt. Korka

but from western slopes of theuzij

pink, leaves serrate in gray clayey
regij elev. 15400ft in shade of Rhodo-

alpine slopes meadows same localiz

on rocky peaks east of Phacawadji

white and pink, forest of *Tsegu pomba*
eastern slopes of Mt. Sheuzij.

same loc. as 16329.

- 16331 *Rosa* sp? shrub 10ft, flowers
gomba. elev. 14600ft. slopes of
large white - fir forest near Tsenpu
Sheureziq Mt. Kouka.
- 16332 *Senecio* sp? flowers yellow,
same loc. as 16331.
- 16333 *Primula* sp? flowers pinkish
Sheureziq Mt. Kouka, elev. 14100ft.
blue, meadows near Tsenpu gomba,
- 16334 *Rhodod.* sp? shrub 5-8 ft.
east of Tsenpu gomba, slopes of
flowers white - larch forest elev. 13000ft.
Sheureziq Mt. Kouka.
- 16335 *Primula* sp? flowers white alpine
slopes of Sheureziq, Mt. Kouka,
meadows of Bayu elev. 15700ft
- 16336 *Composite* sp? flowers yellow,
elev. 16500ft.
in scree, same loc. as 16335,
- 16337 *Aster* sp? same loc. as 16335
- 16338 herb, flowers blue same loc.
as 16336 on scree 16500ft elevat.
- 16339 *Composites* on scree, elev. 16800ft
slopes of Sheureziq near camp Bayu.
- 16340 *Labiata*, flowers pale blue,
alpine meadows elev. 15700ft.
camp Bayu Mt. Sheureziq Kouka.

- 16341 Composite, in scree near pass
17500ft. Mt. Sheurezig, Kouka. Jussa lake on high crags elev.
- 16342 Crucifer, flowers white - crevices in
elev 16700 - 17000ft south east of
boulders in Patso nyonwu valley,
Sheurezig Koukaling territory ^{at} Kouka.
- 16343 Pedicularis sp. flowers cream-
as 16342, elev. 16800ft. colored, alpine meadows same localit
- 16344 Polygonum sp. flowers pink same loc. as 16343.
- 16345 Delphinium alpine meadows near
Mt. Kouka. Camp Bayu, Koukaling, elev. 15800ft.
- 16346 Silene sp. flowers purplish pink,
above camp Bayu, Koukaling on gravelly slopes 16500ft. above
Mt. Kouka
- 16347 Composite flowers yellow
elev. 17000ft between Bayu
in scree in Patso nyonwu valley
and Tseupugomba, Mt. Kouka.
- 16348 Aconitum sp. same loc. as
16347, but at 16600ft elev.
- 16349 Primula sp. flowers deep purple
slopes of Mt. Jambiyang, elev. 15000ft. only observed on Mt. Kouka on southern
fl. Lawa top.
- 16350 Ericac. plant among rocks, slope
flowers white. of Shauandadje elev. 16300ft.
Mt. Kouka,

- 16351 *Corydalis* sp? flowers blue on
Korika 16300ft. scree western slopes of Jambijang Mt.
- 16352 Composite in scree southern
hesi territory elev 16500ft. slopes of Mt. Jambijang Mt. Korika, Touzi
- 16353 Composite, in scree north east
elev 16300ft. Mt. Korika. slopes of Shenrezip near Bayu camp,
- 16354 Composite sp? in loose scree
Unicats also between loose slate, elev. south western slopes of Mt. Shenrezip
16500 near Chaddu camp. Mt Korika.
- 16355 *Juniper* sp? tree 35ft. near
beyond Shingada camp. foot of Shanadodji glacier elev. 14500ft.
Mt. Korika.
- 16356 herb, flowers red in gravel same loc. as 16355.
- 16357 Composite flowerheads yellow same loc. as 16355
- 16358 *Androsace* sp? prostrate mat
Korika dryase the Shanadodji glacier, elev. 14500ft. flowers pink, in glacier gravel at foot of
- 16359 Leguminous plant flowers yellow, same loc. as 16358.
- 16360 *Ruscifer* flowers yellow, among
slopes, elev. 15300ft. Mt. Korika rocks cliffs of Shanadodji south

16361 Rhododendron sp. shrubs 6-8 ft.
foot of Dzambala at Saijo Ka
southern slopes of Charaoudadji.
16362 Lichen - moss alpine swamp

flowers white leaves stiff linear,
to camp, elev 15400 ft. Mt. Kouka,
same locality as 16361.

16363 Lichen sp? same loc. as
called - Kashi, Gkole and - Chinese
a tea decoction is made and drunk
16364 Lichen same loc. as 16361.

16361. This is a medicinal plant
"Snow tea" 雪茶 Shue cha.
against cold
- alpine swamps.

16365 Triumeta sp? gravelly slopes of
elev. 15600 ft. flowers purple.

Dzambala, south of Charaoudadji
Mt. Kouka.

16366 Rhododendron sp. flowers
as 16361.

white, shrub 6-10 ft. same locality

16367 Rhodod. sp? shrub 10 ft, flowers
Kouka.

pink, same locality as 16361. Mt.

16368 Rhodod. sp. ^{adenogynum Diels} shrub 8-10 ft. see
purplish with deep purple spots.
elev. 14900 ft.

autochroue flowers rich pink to
southern slopes of Jambiyang Mt. Kouka

16369 Rhodod. sp. prostrate shrub flowers
Yaka pass 16000 ft. southern slopes

rich wine colored, near summit of
of Jambiyang, Mt. Kouka.

16370 Triumeta sp? flowers a deep rich
at Yaka pass 16500 ft. elev. southern

purple, among rocks and muddy slopes
slopes of Jambiyang Mt. Kouka.

- 16371 *Primula* sp? flowers rich reddish
 elev. among rocks, summit of
 purple, cushion plant at 16500ft
 Yaka pass, Mt. Kouka.
- 16372 Cushion plant, flowers white
 same locality as 16371.
- 16373 *Pedicularis* sp? flowers white
 Mt. Kouka, 15700ft. elev.
 alpine meadows Mt. Shauandodji
- 16374 Leguminous herb, same
 loc. as 16373. flowers yellow.
- 16375 *Pedicularis*, flowers purple,
 same loc. as 16373.
- 16376 *Allium* sp? flowers wine color
 valley eastern slopes of Shauan-
 in gravelly stream Batu manyi
 dodji, Mt. Kouka, elev. 16000ft.
- 16377 *Liliac.* flowers greenish yellow,
 valley, Shauandodji, elev. 16500ft.
 in loose scree, cliffs of Batu manyi
 Mt. Kouka.
- 16378 herb, flowers blue and white -
 wet muddy gravel same loc. as 16377.
- 16379 *Carydalis*, flowers yellow
 + a same locality as 16377.
- 16380 *Saussurea*? in loose gravel
 same loc. as 16377. elev. 16500ft.

- 16381 *Primula* sp? flowers rich reddish purple, on cliffs and rocks ~~at the~~ ^{at the} ~~stream~~ ^{stream} ~~15600ft.~~ ^{15600ft.} Mt. Kouka near Bayu camp Mt. Shanandadji.
- 16382 cushion plant flowers red, same loc. as 16381.
- 16383 Composite flowers yellow - loose scree same locality as 16377.
- 16384 cushion plants flowers white same loc. as 16377, but elev. 17000ft.
 at Mt. Kouka.
- 16385 *Primula* sp flowers purple, on earthen bankments along streams
 Mt. Shanandadji, Mt. Kouka, eastern slopes, elev. 15600ft.
- 16386 *Rhododendron* sp? shrub 10-15ft. flowers purple, forest of Shiigada
 camp, near glacier stream of Shanandadji Mt Kouka, elev. 14600ft.
- 16387 *Lonicera* sp? flowers yellow shrub 1-3ft. same loc. 16386.
- 16388 *Corydalis*, sp? flowers yellow - fir forest - moss, camp Shiigada
 elev. 14400ft. Shanandadji. Mt. Kouka.
- 16389 Composite flowers white, grows - prostrate clumps along sandy river
 bank glacier stream of Shanandadji.
 elev. 14400ft. Djei Mt. Kouka, Shiigada camp,
- 16390 Composite, flowers purple, on scree elev. 16500ft near camp
 Djea po ze. Mt. Kouka. Shanandadji.

- 16391 Orchid, flowers pink to mauve,
and Rhodod. forest elev 14600ft
Dadje. odor of vanilla, grassy banks - fir
eastern slopes of Mt. Kouka, Siaman.
- 16392 Pedicularis, flowers dull purple
Mt. Kouka, eastern slopes. red, grassy alpine slopes, elev. 15300ft.
- 16393 Umbellifer, ^{above} forest of Mt. Kouka
elev 15300ft. flowers white. eastern slopes Mt. Phuanadadje
- 16394 Salvia? flowers deep carmine
Kouka west of Jaru, elev. purple when dry Rhodod. forests of Mt.
~~15300ft.~~ 14600ft.
- 16395 orchid, flowers white, same
locality as 16391.
- 16396 Aster sp? Ray florets purple,
Mt. Kouka above Jaru. meadows at 14500ft, eastern slopes of
- 16397 Racomitrium herb. flowers
Ykon zse phon pass, east slopes rich yellow, alpine meadows below
of Mt. Kouka, elev. 14200ft.
- 16398 Delphinium sp? flowers deep blue,
- willows scrub, same loc. as 16397.
- 16399 Pedicularis flowers yellow,
as high as 15300ft. same loc. as 16398 occurs also
- 16400 Primula sp? flowers lavender
blue, same loc. as 16398.

- 16401 *Lilium* sp? flowers mauve-unicate colored, same locality as 16397.
- 16402 *Pedicularis* sp? flowers pink, elev. Shauandodji, eastern Mt. Kanka alpine meadows at 15500ft slopes, also in fir forest at 14200ft.
- 16403 *Ranunculac.* herb flowers (swampy) elev. 16500-17000ft valley of Batru manyi. deep yellow, high alpine meadows, Mt. Kanka, Shauandodji, ~~camp~~
- 16404 *Morina* sp? flowers cream-colored as 16403 but at 15500ft elev. yellow, alpine meadows same loc.
- 16405 *Labiata* sp? procts purplish red, same loc. as 16404.
a white
8
- 16406 *Carydalis* sp? flowers blue, in Rhod. and willow bushes. same loc. as 16404 this plant grows
- 16407 *Pedicularis* sp? flowers pink same loc. as 16404.
- 16408 *Ranunculac.* herb 2-3ft tall flowers purple, forests above Jaru eastern slopes of Mt. Kanka, elev. 12000ft.
- 16409 Cushion plant flowers red among elev. 16500ft - 17000ft. Mt. Kanka. rocks in valley of Batru manyi, eastern slopes.
- 16410 *Potentilla* sp? flowers yellow, same loc. as 16409.

16411 *Nyctotis* sp? flowers large a sky
grey pubescent. forms cushions
17000ft. Jussa taka pass,

16412 Crucifer flowers blue pink -
submerged in running water,
Kouka, elev. 16500ft.

16413 Crucifer, probably same as 16412
elev 16900ft. same loc. as

16414 *Primula?* sp? flowers red -
large cushions among schist
southern slopes of Jambuyang

16415 ~~large~~ cushion plant, leaves
on loose scree and limestone
slopes of Shauandadji Mt. Kouka.

16416 *Senecio* sp? large-leaved
water courses at 15600ft,

16417 Composite, forming rosettes,
of Mt. Shauandadji and Shuezeip
camp, flowers purple.

16418 Composite similar to 16417,
Jaru, eastern slopes of Mt. Kouka

16419 Crucifer cushion plant, flowers
rocks 16900ft. Mt. Kouka.

16420 Crucifer leaves large fleshy dull
elev. 16000ft, flowers? at Ba-

blue, leaves green not silvery but
among slate, loose rocks elev.
Mt. Shauandadji east slopes. Mt. Kouka,
meadow & white, in loose slate
western slopes of Mt. Shuezeip, Mt.

flowers blue, Jussa taka pass,
No 16411.

wine colored, leaves glossy green, forming
and loose rocks on Jaka pass 16800ft.
Mt. Kouka.

dull green, fleshy, flowers red,
rocks valley of Batu manyi, eastern
elev. 16300ft.

tall 23ft - loose gravelly rocky
slopes of Mt. Kouka, Shauandadji.

in alpine meadows above Jaru slopes
elev. 15800ft. Mt. Kouka, Bayu

but in alpine meadows at 14200ft above
Shauandadji.

blue, near pass Jussa taka among

green, among limestone boulder
yu camp, Mt. Kouka Shauandadji.

16421 cushion plant, flowers yellow

same loc. as 16420

16422 Potentilla, flowers yellow

cushion plant on schist same loc. as no 16420.

16423 Potentilla sp? " " Collected at Kulu East of Nuli, ebr.

" " " " about 12000-13000ft June 1928.

16424 herb, flowers green - alpine

meadows, east of Nuli, Kulu.

16425 Liliium sp? flowers yellow,

alpine meadows Kulu.

16426 Liliium sp? flowers yellow,

" " " "

16427 Primula sp? flowers lavender

- Rhododendron forest of Kulu, ebr. 13500ft. - mss.

16428 Rock plant flowers yellow, on

crags and boulders ~~and~~ mountains of Kulu.

16429 same loc. flowers greenish

yellow.

16430 Liliium sp? flowers yellow,

- fir forest ebr. 12500ft Kulu forest.

- 16431 *Rheum Alexandri*, - marshy
bracts cream-colored. meadows, elev. 13000 ft. Kulu.
- 16432 *Meconopsis* sp? flowers lavender
mountain of Kulu 13500 ft purple, in fir and Rhododendron forest
- 16433 *Primula* sp? flowers lavender,
in fir and Rhod. wood forest 14000 ft
Kulu.
- 16434 *Rhododendron* sp? shrub 8 ft,
forests of Kulu 14000 ft. leaves broad oval, flowers white.
- 16435 *Salix* sp? shrub 4 ft, alpine
meadows of Kulu.
- 16436 *Iris* sp? flowers purple, alpine
meadows of Kulu 13500 ft.
- 16437 *Salix* sp? shrub 2-3 ft. same
loc. as 16435.
- 16438 *Lonicera* sp? flowers yellow,
shrub 1-2 ft. alpine region of Kulu.
- 16439 herb flowers cream colored on cliff
mountain of Kulu.
- 16440 *Ribes*.? shrub 3-5 ft flowers
white, forests of Kulu, 12000 ft.

- 16441 *Primula* sp.? flowers orange yellow, fir forest of Kulu, elev. 12500ft.
- 16442 *Iris* sp.? flowers purple, alpine meadows of Kulu 13500ft.
- 16443 shrubby plant flowers cream-colored on rocky slopes mountains of Kulu.
- 16444 Composite alpine meadows of Kulu, elev. 13500ft, flowers yellow.
- 16445 Cruciferac, herb. flowers purple among rocks and cliffs 14000ft Kulu.
- 16446 Composite swampy rock screes, elev. 14500ft, Kulu mountains.
- 16447 *Rhodod.* sp.? flowers yellow, shrub 6-8ft, spruce and birch forest of Kulu, 12500ft.
- 16448 *Leptodermis*? sp.? flowers white, forest of Kulu, 12000ft.
- 16449 *Redicularis* flowers purple, alpine meadows of Kulu, elev. 13000ft.
- 16450 *Rhododend.* flowers white, shrub, 3-5ft. mountains of Kulu, elev. 11500ft.

- 16451 *Primula* sp.? flowers yellow, on limestone boulders, elev. 12500 ft.
- 16452 *Barragin.* herb, flowers dark purple - forests of Kulu, elev. 12000 ft.
- 16453 *Rosa* sp.? 5-6 ft., flowers white forests of Kulu, 11000 ft.
- 16454 *Sorbus* shrub 3 ft., flowers white, " " " "
- 16455 *Primula* sp.? flowers purple, among rocks and boulders, elev. 14000 ft. Kulu alpine region.
- 16456 *P. l'ac.* herb, flowers yellow, alpine meadows of Kulu, elev. 13000 ft.
- 16457 *Betula* sp.? tree 15-20 ft., forests of Kulu,
- 16458 orchid, *Cypripedium* sp.? lip purple, upper petal white, in forests of Kulu, 13000 ft.
- 16459 *Lonicera* sp.? 4-5 ft., flowers purple mountains of Kulu, 12000 ft.
- 16460 herb, flowers purplish alpine meadows of Kulu, 12000 ft.

- 16461 Labiate, flowers bluish, pale, bracts greenish-white alpine region of Kulu 15000ft.
- 16462 Borag. flowers blue, in forest of Kulu, elev. 10000ft.
- 16463 Primula sp.? flowers purplish bracts red, alpine meadows of Kulu.
- 16464 Spiraea sp.? shrub 4-5ft, flowers cream colored, forest of Kulu, elev. 12000ft.
- 16465 Primula sp.? flowers yellow, swampy meadows of Kulu 12500ft.
- 16466 Primula sp.? flowers dark bluish dry rocky slopes elev. 10000ft mountain of Kulu.
- 16467 Rhodod. sp.? shrub 2-3ft, flowers pale blue, alpine Region 13500ft Kulu mountains.
- 16468 Crucifer. herb, flowers yellow, in forest of Kulu, 10000ft.
- 16469 Liliac. herb, flowers white, among shrubs mountain of Kulu elev. 11000ft.
- 16470 Sorbus shrub or small tree 8-10ft, Rhododendron forest of Kulu, 14000ft.

- 16471 *Rubus* sp.? 4-5 ft. long,
flowers reddish purple, - forests of
Kulu 11000 ft.
- 16472 *Acer* sp.? tree 25-30 ft.,
forests of Kulu, 11000 ft.
- 16473 herb, flowers white,
- fir forest of Kulu 14000 ft.
- 16474 *Rhodod.* sp.? shrub 5-6 ft.,
forests of Kulu 11000 ft.,
flowers white, leaves lanceolate,
- 16475 *Iris* sp.? flowers pale purplish
alpine meadows of Kulu,
elev. 13000 ft.
- 16476 *Ranuncul.* herb, fl. yellow,
same loc. " "
- 16477 *Rhodod.* sp.? shrub 2-3 ft.
flowers purplish, alpine region of
Kulu, elev. 14000 ft.
- 16478 *Rhodod.* shrub 5-6 ft., flowers
large pinkish purple, leaves glabrous
forests of Kulu elev. 11000 ft.
- 16479 *Rhodod.* sp. shrub 1-2 ft. flowers
pink, alpine region of Kulu, elev
14000 ft.
- 16480 *Rhodod.* sp.? shrub 2 ft. flowers
yellow same loc. as 16479.

- 16481 Composit. flowers yellow, alpine meadows of Kulu, elev. 13500ft.
- 16482 *Sonchera* sp? shrub 1-2ft. - 3ft. flowers yellow, alpine region of Kulu.
- 16483 *Neonopsis*, flowers pale lavender, forest of Kulu, elev. 11000ft.
- 16484 *Leptodermis*, flowers pale purplish, shrub 3-4ft. alpine region of Kulu, swampy meadows.
- 16485 *Rhodod.* shrub 3-4ft, flowers pale pink, alpine region of Kulu, 13000ft.
- 16486 *Androsace*, flowers pinkish purple, rocky alpine region of Kulu, elev. 14000ft.
- 16487 *Crucifer*, flowers purplish, swampy meadows and watercourses, Kulu mountains 14000ft.
- 16488 Composit. flowers yellow, fir forest of Kulu, elev. 12000ft.
- 16489 *Polygon.* herb, flowers purplish red, alpine meadows of Kulu, elev. 14000ft.
- 16490 *Sonchera* sp. shrub 6-8ft. flowers yellow, alpine region 12000ft Kulu.

- 16491 *Hydrangea* sp. shrub, 10 ft., floral bracts cream colored along stream, Kulu, 10000 ft.
- 16492 *Scutellaria*? shrub 10 ft. same loc. as 16491.
- 16493 herb flowers white on mossy banks - forests of Kulu, elev. 12000 ft.
- 16494 *Rhodod.* sp.? shrub 3-4 ft., flowers pink, forests of Kulu, 12000 ft.
- 16495 *Rosa* sp.? shrub 4 ft. alpine region of Kulu, flowers white, 13000 ft.
- 16496 *Ducarvillea* sp., flowers yellow, meadows of Kulu, elev. 11000 ft.
- 16497 *Potentilla* sp. flowers pale yellow, shrub 3 ft - 4 ft., alpine region, 14000 ft. Kulu.
- 16498 *Ribes* sp.? shrub 3-4 ft. rocky open slopes mountains of Kulu, 10000 ft.
- 16499 herb, flowers greenish white *Dipsacaceae*. - alpine meadows of Kulu, elev. 13000 ft.
- 16500 Leguminous prostrate plant flowers pale yellow alpine meadows of Kulu, elev. 14000 ft.

- 16501 *Anemone*, sp? flowers pale lavender. Des. on limestone walls and boulders, elev. 13000ft mountains of Kulu.
- 16502 *Sibiraea* sp? shrub 4-6ft. alpine region of Kulu. 13000ft.
- 16503 *Rubus* sp? grass slopes, dry ridges western slopes of Mt. Nituga base of Kuli, elev. 14000ft. or less. June - July 1928. flowers white, elev. 14000ft.
- 16504 *Aster* sp? florets purple, alpine meadows 14500ft. Kuli.
- 16505 *Viola* sp? flowers yellow, forests of Kuli, elev. 10000ft.
- 16506 *Primula* sp? flowers wine-colored on shady banks 11000ft. Kuli mts.
- 16507 *Pedicularis* sp? flowers purple, alpine meadows of Kuli, 13000ft.
- 16508 *Senecio* sp? flowers yellow, alpine region of Kuli, 14000ft.
- 16509 *Aster* sp? florets purple-lavender " " " " 13000ft.
- 16510 Composite, flower pale lavender meadows of Kuli 10000-11000ft.

- 16511 *Thlonis?* flowers purple. open meadows, mts. of Muli 10000ft.
- 16512 *Anemone*, prostrate flowers dark red, alpine meadows of Muli, 14000ft.
- 16513 *Carydalis*, flowers purplish rock crevices, 14000ft. Muli.
- 16514 *Compositae*, flowers purple, alpine meadows of Muli 13000ft.
- 16515 *Compositae*. fl. yellow, swampy meadows, Muli mt. Mt. Kupa elev. 14000ft.
- 16516 *Erica*. herb, fl. cream-colored among rocks elev. 15000ft.
- 16517 herb, fl. white rock crevices 14500ft. Muli mts.
- 16518 prostrate rock plant flowers red, on crags elev. 15400ft. Muli mts.
- 16519 *Primula* sp? flowers purplish red on earth banks and in plant meadows, elev. 15000ft. Muli mts.
- 16520 *Potentilla* sp? cushion plant on boulders and crags elev. 15000ft. Muli mts.

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| 16521 | Potentilla, flowers yellow, | alpine meadows, 14000ft. Muli' mountain, |
| 16522 | Gnaphalium sp. on boulders | and crags, elev. 14000ft. Muli' Mts. |
| 16523 | Berberis sp. shrub 3ft. meadows | of Muli' mountain; elev. 11000ft. |
| 16524 | Salvia sp. flowers bluish purple, | fir forests of Muli', 12500ft. |
| 16525 | Potentilla fruticosa, alpine | region meadows of Mt. Mu'gupa |
| 16526 | " " " | 14500ft. |
| 16527 | Legum. plant, flowers purple, | " prostrate shrub fl. yellow, leaves |
| 16528 | Crucifer. flowers purplish brown | minute, 14500-15000ft. |
| 16529 | herb, flowers reddish brown | in alpine meadows of Muli'; |
| 16530 | herb, flowers white, on scree, | elev. 14000ft. |
| | | der, among rocks and boulders, 14500ft |
| | | west of Muli'. |
| | | same loc. as 16528 |
| | | 15000ft back of Muli'. |

16531 herb, flowers white on rock

scree and boulders elev. 15000ft.
Nunli' Mt. Mt. Zupa.

16532 Borag. herb, flowers blue,

in cracks on boulders and crevices 15500ft.
Nunli' Mts.

16533 *Triumula* sp. flowers purple

(dark), meadows Nunli' Mts, elev.
12500ft - 13000ft.

16534 *Crucifer*. flowers white,
abr. 12000ft. Nunli' Mts.

water courses and swampy meadows,

16535 *Pedicularis* fl. purple,

alpine meadows & fir forest 12500ft.
Nunli' Mt.

16536 *Rhodod.* shrub 1ft. flowers

lavender purple, among rocks, elev.
15000ft. Mt. Mt. Zupa.
Nunli'.

16537 *Pedicularis* sp. flowers pale

yellow among alpine shrubs,
14500ft. Nunli' Mts.

16538 *Triumula* sp. flowers dark purple,

Nunli' Mts. elev. 12500ft.

16539 *Triumula* sp. flowers purple

red, among rocks, elev. 15000ft.,
Nunli' Mt. Mt. Zupa.

16540 *Pedicularis* sp. flowers purple

alpine meadows of Nunli' Mts.
elev. 14500ft.

- 16541 Umbellifer. flowers white, on scree elev. 15000ft. Muli' Mt.
- 16542 herb fl. yellow, on rocks and scree, same loc.
- 16543 Primula sp. flowers yellow on scree, elev. 15000ft. Muli' Mt.
- 16544 Carydalis sp. flowers ultramarine blue, on scree, 15000ft. " "
- 16545 herb, flower pale lavender swampy scree, Muli' Mt. 15000ft.
- 16546 Androsace, rock plant flowers purplish red on crags of Mt. Muzupa, elev. 15500ft.
- 16547 Saxifrag. flowers reddish - yellow, same loc. as 16546.
- 16548 Crucif. fl. white, on scree, Mt. Muzupa Muli'. 15000ft.
- 16549 Primula sp. on rocks and scree, Muli' Mt. 15000ft.
- 16550 Menyanthes, flowers steel blue, on scree and rocks elev. 14500ft. Muli' Mt.

16551 Composite, flowers yellow,

swampy scree, Mts of Muli,
15000ft.

16552 herb, fl. yellow, in cracks

on boulders Mt. Muztaga Muli,

16553 *Meconopsis* sp. flowers purple

here, alpine meadows Muli Mts,
abr. 14500ft.

16554 Composite, flowers yellow,

on alpine scree, abr. 14500ft,
Muli Mts.

16555 *Carydalis* sp. flowers purple,

along water courses alpine region
14500ft Muli Mts.

16556 cushion plant, flowers white

among boulders and alpine meadows
14500 - 15000ft. Mts. of Muli,

16557 herb, flowers greenish white,

on scree, 15000ft Muli Mts.

16558 Composite fl. yellow,

in swampy meadows Muli Mts,
15000ft.

16559 *Lilium*. flowers dull green,

on rock scree 14500ft.

16560 *Primula* sp. fl. purplish blue,

swampy meadows 15000ft.
Muli Mts.

- 16561 Labiate, flowers dark bluish purple on scree 15000ft. Muli' mts.
- 16562 Cyper. plant, alpine meadows, mts. of Muli, 14000ft.
- 16563 Aster, flowers purplish lavender. alpine meadows 14000ft. Muli mts.
- 16564 Parmassia sp.? flowers white " " " " "
- 16565 Saxifrage, flowers cream-colored " " " "
- 16566 Composite flowers greenish yellow, fir forests of Muli. mts. 12500ft.
- 16567 Salix prostrate, among rocks 15000ft. Mts. Muli. Mt. Ni'lyaga.
- 16568 Aster stachyfol. among rocks elev. 11000ft. Muli mts.
- 16569 Potentilla fruticosa, 1-2 ft. flowers white, alpine region Muli mts. 13000ft.
- 16570 Spiraea sp. 3-4 ft. same loc. as 16569.

16571 cushion plant flowers white

on boulders and crags 15000ft. Muli.
of Muli; Mt. Ni'ngpa.

16572 Lichen, same loc. as 16571.

16573 Pedicularis sp? flowers purple

alpine meadows, elev 13000ft.
Muli Muli!

16574 Labiate, flowers pale blue, bracts

purple, same loc. as 16573.

16575 Gentian, flowers deep blue,

same loc. as 16573.

16576 Rosette plant flowers blue

on limestone boulders elev. 11000ft.

16577 orchid, flowers purple, dry prong

slopes, elev. 14000ft. Muli.

16578 Corydalis fl. pinkish blue,

on rock screes, 15500ft. - 16000ft.
Muli of Muli, Ni'ngpa.

16579 Legum. flowers blue

same loc. as 16578.

16580 hep. fl. greenish yellow,

rock screes, 14500ft. Muli Muli.

- 16581 *Anemone* sp. flowers dark blue, fir forest of Mt. Tupa Muli; elev. 13000 ft.
- 16582 *Senecio*, sp. fl. yellow, alpine meadows 13500 ft. Muli Mts.
- 16583 *Orientalis* sp? fl. pale purplish blue, same loc. as 16582.
- 16584 *Orientalis* sp. flowers pale lavender, in fir forest of Muli Mts, elev. 13000 ft.
- 16585 *Salvia*, flowers purplish blue, same loc. as 16584.
- 16586 *Pedicularis* sp? fl. purple, alpine meadows 14000 ft. Muli Mts.
- 16587 prostrate plant fl. purplish blue, alpine region 14500 ft. Muli Mts.
- 16588 Umbellif. fl. white, on rock screes, Mt. Mt. Tupa Muli Mts, 14500 ft.
- 16589 rosette plant flowers yellow on limestone boulders, elev. 11000 ft. Muli Mts.
- 16590 *Myosotis Hookeri?* Rock cushion plant 16000 ft elev. on Mt. Mt. Tupa, flowers sky blue.

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| 16391 | <i>gentiana</i> sp? fl. deep blue,
Nuni' Mts. | on rocks and boulders, Mt. Tungpa |
| 16392 | <i>Senecio</i> sp? fl. yellow, | alpine meadows 14000ft. Nuni'
Mts. |
| 16393 | <i>Primula</i> sp? fl. purple, | among rocks 15000ft. Nuni' Mts. |
| 16394 | <i>Allium</i> , sp? flowers purple? | in swampy meadows, Nuni' Mts,
12000ft. |
| 16395 | <i>Allium</i> sp? " " | alpine meadows, 14000ft " " |
| 16396 | Rock plant, flowers purplish | red, among boulders and scree,
15000ft. Nuni' Mts. |
| 16397 | herb fl. yellow, on rock | scree, Nuni' Mts. elev. 15000ft. |
| 16398 | herb, fl. yellow, " | " " " " " |
| 16399 | <i>Lilium</i> sp? flowers yellow, | alpine region of Nuni' Mts. elev. 15000ft. |
| 16400 | Composite, rosette plant, | fl. purple, alpine meadows, elev.
13500ft. Nuni' Mts. |

16601 Rock plant, fl. reddish, on

crags of Mt. Mt. Tupa Muli' Mts, 14500ft.

16602 herb fl. white on banks ~~and~~

outskirts of forest, elev. 11000ft. Muli' Mts.

16603 Allium sp? flowers white

- fir forest 12000ft. Muli' Mts,

16604 fl. yellow, on crags and Crassulac

boulders 15000ft. Muli' Mts.

16605 fl. purplish red ~~in~~
Crassulac

" " " " "

Collected on journey to Muli' Mts

- Jalung gorge July 1928 from Muli'.

16606 flowers white on shady banks

Ditang river gorge elev. 9000ft. below Muli'.

16607 Rosette plant, fl. pale blue

on boulders - valley beyond Moon of Ditang river 9000ft.

16608 Juniperus, sp. tree 10-15ft.

among limestone boulders with pine, Ditang river valley, 9500ft.

16609 orchid, flowers pink, among Uniccate

oak scrub, same loc. as 16608.

16610 Borap. herb, fl. white, near

Moon (Koula) east of Muli' elev. 10000ft.

- 16611 *Acer* sp.? tree 25-30ft. - valley beyond Koula, elev. 9600ft. East of Muli'.
- 16612 *Meliosma* sp.? flowers cream-colored, same loc. as 16611.
- 16613 Rosette plant flowers whitish yellow on boulders (limestone) same loc. 16611.
- 16614 *Primula* sp.? flowers bluish purple along trail - pine forest near Chien-shan.
- 16615 *Fagraea* sp.? fruits white along streambed at Bande east of Muli', elev. 10000ft.
- 16616 *Pedicularis* sp.? in a pine meadow 'Punchi' elev. 12500ft. east of Muli'.
- 16617 *Primula* sp.? same loc. as 16616, flowers purple, calyx red.
- 16618 Climber fl.? same loc. as 16611, - dense forest.
- 16619 *Malus* sp.? tree 25ft. same loc. as 16612.
- 16620 *Primula* sp.? along water-courses same loc. as 16615. flowers lake purple.

- 16621 *Rhacoma* sp. shrub 10 ft. valley of Chien shan, elev. 10000 ft east of Nuli;
- 16622 herb flowers yellow - pine and oak forest near Bunde, elev. 10200 ft.
- 16623 leg. herb, flowers white and purplish same loc. as 16622
- 16624 herb, flowers yellow, *Utricularia* same loc. as 16622.
- 16625 *Leontodon*, flowers deep blue, along trail Shaya pass. - Rhodod. forest elev. 14000 ft. north east of Nuli.
- 16626 *Geranium* sp. flowers reddish purple, Rhod. forest same loc. as 16625.
- 16627 *Geranium* sp. fl. pale reddish purple same loc. as 16625.
- 16628 *Potentilla fruticosa*. flowers white, shrub 3-4 ft. alpine regions Chidi valley, 15000 ft.
- 16629 Crucifer. flower purplish lavender, swampy meadow of Chidi valley, elev 14300 ft.
- 16630 Composite, flowers yellow, primary rosettes - swampy scree, same loc. as 16629.

- 16631 herb. prostrate on dry slope
N. east of Muli, elev. 14600 ft. between Shaya and Chidi valley
- 16632 Iris sp? fl. purple, — marshy meadows of Chidi valley elev. 14000 ft.
- 16633 Primula sp? flowers dark blueish purple, grassy slopes —
Rhodod. forest. above Chidi valley elev 14500 ft. N.E. of Muli.
- 16634 Campanite rosettes flowers purple same loc. as 16632.
- 16635 Primula sp? same loc. as 16633. flowers purple.
- 16636 Pedicularis sp? fl. purple, alpine meadows Reacher pass
elev 15300 ft. N. E. of Muli, route to
Yalung.
- 16637 Delphinium sp? flowers purpleish blue, Rhodod. forest 13500 ft.
beyond Shaya pass.
- 16638 Rhodod. sp? shrub 1-2 ft. flowers purple, same loc. as 16626, Shaya
pass N.E. of Muli.
- 16639 Rheum Alexandri, Rhod. forest of Shaya, elev. 14000 ft. photographs
this species.
- 16640 Androsace sp? ~~forming~~ prostrate cushions, fl. pink — Rhod.
forest of Shaya, elev. 14200 ft.

- 16651 *Primula* sp? - in forest beyond
elev. 13000ft. fl. yellow. Poshera pass, Djishi's top camp
- 16652 *Primula* sp? ^{*involucrata yarrowensis* Petit.} flowers pale
potamp elev. 12600ft. see color pinkish purple, meadows of Djishi -
photo also plain photo top.
- 16653 *Pilium* sp? plant 5-6ft tall,
meadows of Poshera pass and flowers lavender, - alpine
below, elev. 14000ft. N.E. of Kuli.
- 16654 *Primula* sp? flowers large
forest, elev. 14000ft. Shaya. mauve to lavender, - Rhododendron
- 16655 *Crucifer*. flowers lavender red, same loc. as 16654.
- 16656 *Primula* sp? flowers dark
above Chidi valley 14500ft. purplish blue, alpine meadows,
- 16657 *Primula*, fl. pale pinkish blue, same loc. as 16656.
- 16658 *Composite* fl. yellow, same loc. as 16656,
- 16659 *Composite* " purplish " " "
- 16660 *Iris* sp? flowers white, swampy
Rushon, elev. 14000ft. alpine meadows of Poshe east of

- 16661 *Primula* sp? flowers purplish, Goshe' valley elev. 14000ft. N. E. of Kulu.
- 16662 *Meconopsis* sp? flowers large purplish blue, alpine meadows
of Goshe pass elev. 14000ft.
- 16663 *Potentilla frutic.* same loc. as 16662.
- 16664 *Abies* sp? tree 40-50 ft. forms forest at Shaya elev. 14000ft.
with *Rhododendron* undergrowth.
- 16665 *Primula* sp? meadow of Djishi-
go tong, elev. 12500ft.
- 16666 *Betula* sp? forest near Wato monastery, elev. 12600ft one day west
of the Yalung.
- 16667 *Leontopodium* sp? meadows near Djishi village, elev. 11000ft.
- 16668 *Primula* sp? meadows of Djishi elev. 11000ft.
- 16669 *Wikstroemia*? shrub 2 ft. - 4 ft. - spruce forests below Djishi potang
elev. 12000ft.
- 16670 *Primula* sp? flowers pale purple, shady banks - spruce forest,
elev. 12000ft.

- 16671 Composite rosette plant
Tang, elev. 12000ft. — spruce forest below Djishipotang
- 16672 Primula sp? fl. dark purple, dense forests below Djishipotang
elev. 12000ft.
- 16673 Scutellaria sp? shrub 12-15ft, fl. white fragrant, meadows and spruce
forests of Djishipotang elev. 11600ft.
- 16674 Aster sp? meadows below Reddang, Jalung valley, elev. 12500ft.
- 16675 Rhodod. sp? fl. pale pink, dry open ridges above Reddo, elev. 13000ft.
- 16676 Rhod. sp? fl. white, same loc. as 16675.
- 16677 Picea sp? tree 80ft tall, sparse forest at Tyon Koung below Wato pamba
elev. 12000ft. west of Jalung.
- 16678 Parasitic on Rhodod. above Reddo, elev. 13000ft. Rhod. forest.
- 16679 Picea sp? tree 40ft, forests above Reddo elev. 13000ft.
- 16680 Prunella sp? meadows of Beon, ^Wwest of Wato pamba, elev.
13780ft.

- 16681 *Carex* umb. flowers pale blue,
unicata same loc. as 16680.
- 16682 Umbellifer. fl. white same locality as 16680.
- 16683 *Senecio* sp? fl. yellow, same loc. as 16680
- 16684 *Polygon* sp? flowers mauve -
Wato pamba 13000 ft. lavender, grassy slopes beyond
- 16685 *Aster* sp? same loc. as 16684.
- 16686 *Leontopodium* same loc. as 16680.
- 16687 *Rumex*? same loc. as 16680.
- 16688 Legum. flowers blue, alpine meadows of Dsaupre beyond Wato pamba, 14000 ft.
- 16689 *Pentstemon* sp? flowers steel blue west of Wato pamba. meadows of Be'on, elev. 13700 ft.
- 16690 *Rhod.* sp? tree or shrub 8-10 ft. fl. pale yellow, forest beyond Wato 13000 ft.

- | | | |
|-------|---|--|
| 16691 | <i>Senecio</i> sp? meadows - pi | forest, elev. 13000ft northwest of Wato pamba. |
| 16692 | <i>Pedicularis</i> sp? fl. yellow | same loc. as 16691. |
| 16693 | <i>Primula</i> sp? flowers yellow, | on dry clayey banks near Wato pamba
elev. 12000ft. |
| 16694 | <i>Delphinium</i> sp? flower pale
beyond Wato elev. 13700ft. | bluish lavender, meadow of Be on |
| 16695 | <i>Anemone</i> sp? flowers red
15000ft in high (beyond) -
and the Sitamp river. | Dsaampe sheren a limestone mountain
Dsaampe Valley between ^{the} Ya lump river |
| 16696 | leguminous plant flowers blue, | same loc. as 16695, |
| 16697 | Composite flowers yellow,
Missing | " " " |
| 16698 | <i>Silene</i> sp? in scree,
unicate | " " " |
| 16699 | <i>Corydalis</i> sp? fl. mauve purple, | scree " " |
| 16700 | <i>Saussurea</i> sp? among loose | rocks Dsaampe sheren. " " |

- 16701 *Potentilla* sp? fl. yellow,
a limestone mountain in Dzaupe
among boulders on Dzaupe here
valley elev. 14000ft.
- 16702 *Crucifer* (Solms-Laubachia)
fl. blue, scree of Dzaupe here.
15000ft.
- 16703 *Meconopsis* sp? flowers steel
blue, rocky slopes of Dzaupe here
elev 15200ft.
- 16704 *Caryophyll.* flowers blue,
unicata
same loc. as 16703.
- 16705 *Primula* sp? flowers reddish
purple, slopes of Dzaupe here,
15000ft.
- 16706 *Composite*, fl. yellow,
muddy gravelly slopes Dzaupe here
elev. 13500ft.
- 16707 herb fl. white swampy meadows
below Dzaupe here. 13500ft.
- 16708 herb fl. white scree of Dzaupe
here 15000ft.
- 16709 flowers white - " " " " " "
- 16710 *Pedicularis* fl. purple " " " " on scree slopes
15000ft.

16711 *Boragin.* fl. blue, on rocks and

boulders, Dzamye Sheren, elev. 15000ft.

16712 *Crucifer* fl. white on scree,

Dzamye Sheren 15000ft.

16713 *Teddeularis* sp? fl. purple,

slopes of Dzamye Sheren, elev. 14000ft.
grassy slopes.

16714 Leguminous plant flowers
therein, 14000ft.

yellow, grassy slopes of Dzamye

16715 *Meconopsis* sp? flowers

purple, same loc. as 16714.

16716 *Rumex*? same loc. as

16714.

16717 *Primula* sp? flowers reddish
djen dgonp ka valley one day

purple on moist banks - Shi
east of Waerhje. elev. 13800ft.

16718 *Salvia* flowers pale purple,

same loc. as 16717.

16719 *Aconitum*, flowers blue,

" " " "

16720 Lichen on spruce trees

" " " "

16721 Legum. plant flowers pale blue,
~~waerhg~~ waerh dje. elev. 13500ft.

16722 Leg. plant fl. blue, same

16723 Pedicularis sp? fl. purple -

16724 Senecio, fl. purple, junction
14000ft.

16725 Pedicularis fl. yellow,

16726 Primula sp? fl. pale pink,

16727 Delphinium sp? fl. bluish
valley 14000ft.
marked

16728 Taraxacum sp? fl. white

16729 Campanul. fl. blue, slopes of
16729 a Gentiana?

16730 Meconopsis sp. fl. purplish blue,

same loc. Djenta valley east of

loc. as 16721.

Sampe Valley, elev. 14000ft.

of Sampe and Djenta valley, elev.

same loc. as 16724.

swampy meadows same loc. as 16724.

purple, grassy slopes - upper Djenta

same loc. as 16727.

Doshira pass above waerh dje, 15000ft.

Doshira pass elev. 15400ft
above waerh dje.

1 16731 ~~Amur~~ Clematis sp.
Dje.

fl. white Djenta valley east of Waerh

1 16732 Potentilla sp. fl. yellow on
Dje, elev. 15400ft.

Sawyers, Doshira pass above Waerh

1 16733 Composite, among rocks

" " " " "

1 16734 Saxifrage flowers yellow

" " " " "

1 16735 Primula sp. in margin of
elev. 15000ft. above Waerh Dje.

Rhodod. forest below Doshira pass

1 16736 Pinus sp. tall 4ft. common
Doshira pass and Waerh Dje,

in fir forest and clearings between
elev. 13000ft.

1 16737 Umbellifer. 4ft tall fl. white
Collected between Waerhdje and Jaru

in company with 16736.
village on the Shoucheu July-Aug. 1928.

1 16738 Araliac. shrub 4ft. fruits purple,
Waerhdje (below Touze).

Slopes of Litang river valley ~~off~~ below

1 16739 Pedicularis fl. purple, near village

of Chi'ju. Litang river valley, 11800ft.

1 16740 Primula sp. flowers purple.

swampy meadows - Tsaba Kamp
west of Waerh Dje. 12000ft.

16741 *Picea* sp? tree 100-150 ft tall
elev. 13500 ft. west of Wa erh dje.

16742 *Pedicularis* sp? fl. yellow

16743 *Delphinium* sp? flowers pale

16744 *Campanula* fl. mottled purple,

16745 *Geranium* sp? fl. white same

16746 *Delphinium* sp? fl. blue,

16747 *Geranium* sp? fl. purplish red

16748 *Guaphetium* sp? same loc.

16749 *Geranium* sp? fl. pale pink,

16750 *Aconite*, fl. purplish blue,

forming forests in Tsaba Kung valley

in forests of Tsaba Kung, same loc.
as 16741.

blue same loc. as 16742.
elev. 14000 ft.

same loc. as 16743.

loc. as 16743.

same loc. as 16743.

" " "

as 16743.

forests of Tsaba Kung 13000 ft.

" " "

16751 *Dipsacus* sp. fl. white grassy

upper slopes of Tabakamp 13500ft.

16752 *Leontopodium* same loc. as

16751.

16753 Labiate, flower pale blue,

bracts purple same loc. as 16751.

16754 Campanul. fl. white bluish
Tabakamp, Radjen ran pass

Tiuge, alpine meadows above
14500ft.

16755 Pedicularis, flowers reddish purple,
Radjen ran pass (Radjen valley).

- willow and Rhod. scrub, beyond
14700ft

16756 Composite (rosette) fl. yellow

same loc. 16755

16757 Silene sp. flowers greyish

green, same loc. as 16755

16758 Gentianac. herb flowers dark

blue, same loc. as 16751.

16759 Gentian, fl. blue, same

loc. as 16751.

16760 Delphinium sp. fl. bluish

purple same loc. as 16755.

16761 Senecio sp. grassy slopes of
fl. yellow.

16762 Allium sp. fl. white same

16763 Pedicularis fl. a rich purplish
valley 14700ft.

16764 Legum. plant, 2-3ft. fl. yellow
shrubs Radjen valley elev.

16765 Corydalis sp. flowers yellow,
within willow bushes.

16766 Crucifer. fl. white same

16767 Delphin. sp. fl. purplish blue,
14500ft.
Umicite

16768 Camp. flowers yellow,

16769 Campos. fl. yellow involucre
valley, elev. 14300ft.

16770 Juncac. plant in marshy
forests beyond Songbe pass,

Radjen valley elev. 14700ft.

loc. as 16761.

red, alpine meadows of Radjen

swampy meadows with willow
14900ft.

same loc. as 16764 prairie

loc. as 16764.

near Songbe pass Zimi valley

upper Zimi valley elev. 14500ft.

grey outskirts of Rhoad. forest
beyond Songbe pass, and Zimi

meadows and margins of Rhoad.
elev. 14500ft.

- | | | |
|-------|--|--|
| 16771 | Composite fl. purplish brown
pien yen elev. 14500 ft. | swampy meadows near Rouo |
| 16772 | Composite, rosette flower.
pien yen, back of Bachin djags | heads purple, meadows of Rouo
overlooking Shoucheu. elev. 14500 ft. |
| 16773 | Aconite, fl. purplish blue | same loc. as 16772. |
| 16774 | Composite fl. orange yellow | same loc. as 16772. |
| 16775 | Senecio sp? fl. yellow. | same loc. as 16772 |
| 16776 | Pedicularis fl. purple, | same loc. as 16772. |
| 16777 | Silene sp. fl. purplish grey | " " " |
| 16778 | Compo. fl. yellow, same | loc. as 16772. |
| 16779 | Campanul. fl. blue, " | " " " |
| 16780 | Legum. flowers purplish blue,
elev. 14000 ft alpine meadows.
Two specimens kept for H.S.H. | between Rouo pien yen and Jopotsi
Third specimen intermediate placed in set 2 |

- | | | |
|-------|--|--|
| 16781 | <i>Tedicularis</i> sp.? swampy meadow
fl. yellow. | same loc. as 16772. |
| 16782 | Campanul. fl. blue,
elev. 14500ft. | meadows of Rono piencyan. |
| 16783 | Composite Rhodod. forest,
Rono Rakon pass 14700ft near | grassy banks, fl. purple,
Poyotai. |
| 16784 | Composite, fl. purple. | same loc. as 16783. |
| 16785 | Composite fl. purplish | " " " |
| 16786 | Campanul. flowers purplish,
above Shouchu river and Ru- | meadow of Raron Ki' 12700ft.
Tuh village. |
| 16787 | fl. white, on moist banks
Tuh. | below Raron Ki', and above Ru- |
| 16788 | <i>Allium</i> sp. fl. white same | loc. as 16787. |
| 16789 | <i>Ptilim</i> sp.? fl. white spotted
Raron Ki' meadow. | purple, in pine forests above
Rutuh village and below |
| 16790 | Rosette plant, flowers blue
Jasneria. | on lawlivers in forests below
Raron Ki'. elev. 12500ft. |

16791 *Primula* sp? flowers purplish
Ki - Rarou valley, elev. 12000ft.

16792 *Senecio*, fl. yellow, banks of
elev. 9000ft.

16793 fl. white on dry banks -
10000ft elev.

16794 *Prunus tomentosus*? shrub 5ft - 4ft
elev. 9000ft. July 1928.

second journey to Kouka from waerh die

16795 herb flowers yellow grassy slopes
dadije elev. 15500ft. July-Aug.

16796 *Lentiana* sp? grassy slopes between

16797 *Delphinium* fl. blue, same

16798 *Acer* sp? tree soft. fruiting
above Jaru 14000ft.

16799 *Pedicularis* sp? flowers white

16800 *Aconitum* sp? flowers a rich steel
Mt. Kouka elev. 14500ft.

red, ^{moist} banks in forest below Rarou

Kouka chu (near Djirahu page).

Kouka chu valley (Djirahu page)

fl. white Nueli, K^P tang river valley
seeds collected.

and among shrubs Mt. Kouka Chuanu-
1928.

Jaru and Mt. Kouka 14000ft. fl. blue.

loc. 16796.

for forest of Mt. Kouka eastern slopes

and purple same loc. as 16797.

blue on outskirts of forest on slopes of

Collected on slopes around Mt. Kouka

July - Aug. 1928.

16801 *Diapeltis* sp? shrub 6-10 ft.
elev. 14200 ft.

fl. pale yellowish pink, fir forest

16802 *Corydalis* sp? gravelly slopes
fl. purplish red to grey.

on Mt. Chanaudodji. elev. 15500 ft.

16803 *Senecio*, plant 3 ft tall,
Chanaudodji 14200 ft.

meadows between farm and Mt.

16804 herb flowers pale blue,

" " " " "

16805 *Saxifrage*, flowers white

same loc. as 16803. - in meadow.

16806 Umbelliferae same loc. as

16802, fl. white.

16807 Composite, flowers yellow

same loc. as 16802.

16808 herb flowers a rich pink
Mt. Kouka, elev. 16000 ft.

- in muddy-gravelly streambed on

16809 *Pedicularis* fl. purple, same

loc. as 16808.

16810 herb flowers yellow, on rocky

pond of Jissie Lake elev. 17000 ft.
between Chanaudodji and
Shenazji.

16811 Cushion plant flowers white

same loc. as 16811.

16812 Ranunculus, alpine meadow, at 16500ft, beyond Jissoo lake pass.

16813 Composite in rocky muddy
- Shureyij.

streambeds at 16500ft Charrandaji

16814 Delphinium sp? gravelly slopes
16700ft.

- Babru manyi valley bet. Korika

16815 Composite forming clumps

on ~~sub slope~~ streambed same
loc. as 16814.

16816 Composite forming large

clumps on steep rocky slopes same
loc. as 16814

16817 Saxifraga fl. yellow, same

loc. as 16816

16818 Saxifraga fl. yellow "

" "

16819 Aconitum sp? fl. blue, rocky
16700ft.

slope of - Babru manyi valley

16820 Saussurea sp? florets purple

same loc. as 16819 (forming rosettes)

- 16821 Labiate flowers pale pink large
at 16700ft, Batura mahiyi leaves and bracts grey, rocky slopes
valley Mt. Kankh!
- 16822 Compositae rosette plant ray florets white same loc. as 16821.
- 16823 Mecopis sp? fl. steel blue
Revised by G. G. & S. S. mytilloides
same loc. as 16821,
- 16824 Delphinium sp? forming large clumps among boulders at 16800ft
same loc. as 16821.
- 16825 Gentiana sp? herb fl. white, outside blue, summit of Jaisentaka
pass 17000ft, Mt. Kankh, among rocks!
- 16826 Saussurea sp? fl. purple, same loc. as 16825.
- 16827 Senecio sp? Batura camp elev. 15700ft Shurezip Mt. Kankh.
- 16828 Composite fl. greyish purple same loc. as 16828.
- 16829 Composite fl. purple same loc. as 16828.
- 16830 Delphinium sp? among rocks at Batura camp 15700ft
Mt. Kankh.

16831 orchid fl. green among
elev. 15600ft. Mt. Jambiyang.

16832 Composites fl. yellow,
elev. 14700ft.

16833 Salix sp. shrub 10-12ft.,
Mt. Jambiyang elev. 15500ft.

16834 Composites, flowers yellow
Dja Lhakom Mt. Jambiyang

16835 Saxifraga fl. yellow same

16836 Composite fl. purple ~~same~~
elev. 15900ft. southern slope

16837 Composite, alpine meadows

16838 Composite fl. yellow, "

16839 Leguminosae among shrubs

16840 Cushion plant fl. yellow,

gravel in Suron Koup - Bayu

- Suron Koup Mt. Jambiyang

along trail, in Sawatong valley

leaves pale green, on rocky scree
~~15700ft~~ elev. 16000ft.

loc. as 16834.

~~at the~~ meadow of Chadder
of Jambiyang.

back of Chuanandadzi, elev 15500ft.

" " " " "

- Suron valley Mt. Kouka, elev
15000ft.

among rocks Suron Koup elev. 16500ft

- 16841 Pedicularis sp. flowers white and
Kang ebv. 15700ft. purple, alpine meadows of Suron
- 16842 herb, fl. cream colored on scree - Suron Kang ebv. 16500ft.
- 16843 Composite fl. white same loc. as 16842 on scree.
- 16844 Ranunculaceae sp. alpine meadows of Suron Kang 15600ft.
- 16845 herb fl. white on scree in Suron Kang back of Chavandodje
ele 16500ft.
- 16846 herb fl. pale pink - Suron bed among gravel and mud, Suron
Kang 15800ft.
- 16847 herb fl. white on scree same loc. as 16845.
- 16847a herb fl. white " " " "
- 16848 herb fl. white " " " "
- 16849 Labiate? flowers dark blue purple same loc. as 16845.
- 16850 Labiate rosette fl. lavender purple in meadows at Nausha
camp, slopes of Mt. Jambiyang 15300ft.

- 16851 *Silene* sp? flowers purplish green on scree same loc. as 16850
- 16852 *Rheum* ^{*officinale* Baillon} sp? grows to height of 12-15 ft. meadows of Kaushe slopes of Jambiyang see photo with Howa li. fl. red. see negative no 264
- 16853 *Fentiana* sp? fl. blue alpine meadows of Charaundadji, Saiya Kato, elev. 15200 ft.
- 16854 Composite, fl. yellow, same loc. as 16853.
- 16855 Umbellifer fl. white, same loc. as 16853.
- 16856 *Meconopsis* sp? among scree elev. 16500 ft. fl. ~~purple~~ purplish blue. on Dujentong pass - Yetchetswa ~~photograph of this species~~. among rocks.
- 16857 *Crocifer* sp? fl. turquoise blue - to pink and white see fl. spec. no. same loc. as 16856.
- 16858 *Meconopsis* sp? same loc. as 16856 fl. steel blue.
- 16859 *Crocifer*, - stemless? fl. white, elev. 16500 ft same loc. as 16856.
- 16860 *Potentilla* sp? fl. yellow same loc. as 16856. among rocks.

leucocaulis

- 16861 *Saussurea* sp. rosettes, flowers purple on screes and among rocks at summit of Serjen top pass, elev. 16500ft. photogr. thin species.
- 16862 *Carydalis* sp? flowers yellowish, red same loc. as 16861.
- 16863 *Pentstemon* sp? - Sayokato below Yake pass 15200ft.
- 16864 *Pentstemon* sp. herb. flowers blue, alpine meadows, camp at Chaurandadji, elev. 15300ft.
- 16865 *Pedicularis* sp? fl. purple, same loc. as 16864.
- 16866 Composite, on gravel at foot of morain and placcis Kouka djause elev. 14500ft. (Shingora), Chaurandadji.
- 16867 *Silene*, fl. purple, same loc. as 16866
- 16868 Composite flowerheads purple, same loc. as 16866
- 16869 *Salix* sp? prostrate same loc. as 16866.
- 16870 Crucifer among limestone on placcis boulders foot of Chaurandadji elev. 14600ft.

- 16871 Composite flowers yellow -
foot of Chaurandadje Shingara
Upicate
streambed of Kouka chu (river) at
, elev. 14300ft.
- 16872 Saxifrage fl. yellow same
loc. as 16871.
- 16873 Composite fl. purplish,
meadow of Shingara, elev. 14200ft.
- 16874 Solene sp? slopes of Shingara
fl. greyish purple.
valley of Kouka chu, elev. 15000ft.
- 16875 herb fl. purplish same loc.
as 16874.
- 16876 composite forming rosettes,
hard meadows and spurs
leaves red, fl. purple, - damp
mt. Chaurandadje, elev. 15000ft
- 16877 Composite flowers purplish,
pass elev. 15000ft.
grassy slopes below Fongse Kong
- 16878 Senecio sp? flowers yellow
in meadows at 14200ft!
between Farn and Chaurandadje,
- 16879 Composite fl. yellow same
loc. as 16876.
- 16880 Sedum, on rocky cliffs
near Fongse Kong pass elev. 15200ft.

- 16881 prostrate herb fl. pale yellow
Paru, Mt. Kouka. Aug. 1958.
Gentianaceae?
- 16882 Gentianaceae. fl. steel pale blue,
below Ghouzsekamp pass 14600ft.
- 16883 Composite fl. yellow same loc. as 16882.
- 16884 Delphinium sp. fl. purplish blue,
same loc. as 16882.
- 16885 Composite fl. purplish,
Mt. Kouka elev. 14200ft.
alpine meadow above Paru,
- 16886 Delphinium sp. fl. purplish blue
Gze Kamp pass 15300ft.
single. on grassy slopes above Gze-
- 16887 Allium sp. fl. purplish red to pink
same loc. as 16882. elev. 15000ft.
- 16888 Allium sp. fl. ? same loc. as 16887.
- 16889 Allium sp. slopes of Mt. Chanau-
between Saiyokattu and Shingpara.
Dodji on Kouka chu valley slopes
elev. 15000ft. fl. deep purple.
- 16890 ^{Forrestii Rogers}
Abies sp. tree 30-40ft or more
glacier Kouka drainage, elev. 15000ft
on slopes of Mt. Chanau dodji above
photogr. trees with glaciers.

- 16891 *Allium* sp? on summit of Jüssa
fl. purple. Laka pass elev. 17000ft Mt. Korka.
- 16892 *Saussurea* sp? plant 1-1 1/2 ft
slopes of Yetshetsura near pass tall forming white cones on rocky
16500ft.
- 16893 *Picea* sp? tree 50-80-100ft tall, forests above farm, elev. 12500ft.
- 16894 *Lonicera* sp? shrub 4-5ft in Djiraku valley ^{above} ~~below~~ farm 10000ft. elev.
- 16895 *Pedicularis* sp? fl. purple, in dry slopes - Djiraku valley above
farm Unicute
- 16896 *Strobilanthes* fl. blue, same loc. as 16895. shrub 3-4ft.
- 16897 Composite, fl. purplish, same loc. as 16895 elev. 11500ft.
- 16898 Gesnerac? fl. cream colored & pale yellow on baroldas - oak
forest same loc. as 16897.
- 16899 *Pedicularis* sp? flowers pale yellow - pine forest same
loc. as 16895. elev. 12000ft.
- 16900 Araliac. shrub 6-8ft. same loc. as 16899.

- 16901 herb fl. white on dry grassy
valley, elev. 11500ft. between
slopes under pine trees, - Shouchu
Halungu and Komidzong.
- 16902 *Thibilautes* fl. blue, same
loc. as 16901.
- 16903 *Acer* sp? tree 20-30ft. - lateral
porge east of farm, elev. 10300ft.
valley of Dzeyuntong - Shouchu
- 16904 *Kohlruntaria* tree 20-30ft,
- Dzeyuntong valley
flowers small brilliant yellow
same loc. as 16903.
- 16905 Composite flowers whitish,
- Shouchu porge beyond
elev. 10300ft.
on grassy banks under pine trees,
Dzeru village (Dzeru and Wraschi).
- 16906 *Begonia*, on moist banks -
Brenchintong valley elev. 10000ft.
shade Shouchu valley beyond
- 16907 *Pedicularis* sp? fl. purple
same loc. as 16906.
- 16908 *Salpiglossa* sp? on dry banks of
elev. 9000ft.
Shouchu porge beyond Wraschi.
- 16909 *Crassulac.* fl. yellow same
loc. as 16906, greyish green.
- 16910 *Picea* sp? trees 80-100ft. -
Cherayin village elev. 11200ft.
Cherayintong valley near

- | | | |
|-------|--|---|
| 16911 | Abies sp? trees 100-150ft tall
- Cherayin valley west of Waerh Dje. | cones large purple, fronds green
elev. 11500ft. |
| 16912 | Campanula sp. below Chyou-
elev. 15500ft. flowers blue. | serain pass into Pitang river valley
Aug. 1928. |
| 16913 | Orchid flowers pink meadows of | Waerh Dje 11500ft. Pitang river
valley. |
| 16914 | Composite, flower purple,
pass, same loc. 16912. | from alpine meadows of Chyouserain |
| 16915 | Primula sp. In grassy banks
Dje. 10800ft. fl. lavender blue. | - forest of Soroukoup south of Waerh |
| 16916 | Delphinium sp? same loc. as | 16915. fl. purplish blue. |
| 16917 | plant 3ft flower cream - | colours pinkish tinge same loc. as
16915, (damp places). |
| 16918 | Composite shrub, 2-4 ft, flowers
Soroukoup 13500ft | yellow, open meadows above
valley called Belimi. |
| 16919 | Leguminos. rocks, flowers yellow,
cliffs elev. 11000ft. | - Soroukoup on limestone |
| 16920 | herb fl. white in wet cliffs | same loc. as 16919. |

- 16921 *Primula* sp? fl. wine colored same loc. as 16920.
- 16922 *Delphinium* sp? fl. purplish blue, above Saroukong Belini valley 13500ft.
- 16923 *Delphinium* sp? fl. greyish dull purple, same loc. as 16922 swampy meadows.
- 16924 herb, fl. purplish spotted yellowish same loc. as 16922.
- 16925 Leguminous herb flowers blue, same loc. as 16922.
- 16926 herb fl. yellow, swampy meadows same loc. as 16922.
- 16927 *Pedicularis* sp? fl. white and purple Belini valley, swampy meadow elev 13500ft.
- 16928 plant 1 fl, fl. purplish red same loc. as 16927.
- 16929 *Delphinium* sp? fl. rich purplish blue. same loc. as 16927.
- 16930 *Delphinium* sp? fl. greyish dull red, same loc. as 16927 swampy meadows.

116931 herb, prostrate flowers blue,
and beyond Soroukoup elev. 14000ft.

Belini valley south of Wuerhoje

116932 Leguminous vine fl. yellow,
Muli, elev. 10500ft.

Barite valley one day north east of

116933 Abies sp? tree - Belini valley
tree 50-80ft. on margin of

14000ft elev. one day south of Wuerhoje,
swampy meadow.

116934 Leontopodium sp? grassy slopes -
mountain near Kudju. (Muli)

pine forest 11000ft. southern slopes of Piboh
territory. Aug. 1928

116935 Lobelia. vine on shrubs along
elev. 10000ft. flowers pale yellow.

stream bed Lohwan south of Piboh
Aug. 1928.

116936 Legum. same loc. as 16935

flowers purple.

116937 Campanul. herb flowers blue
Aug. 1928

grassy banks - pine forest
11000ft. same loc. as 16934.

116938 Delphinium sp? flowers purplish

blue, grassy slopes Mt. Piboh 12500ft.
Aug. 1928.

116939 Delphinium sp? fl. a dull brownish

purple " " " "

116940 Senecio sp? among limestone
fl. yellow

boulders Mt. Piboh 12500ft.
Aug. 1928.

- 16941 Campanulac. flowers blue, same loc. as 16941.
- 16942 Aconitum sp. fl. ~~purple~~ blue, twining over shrubs, 13000ft. Mt. Piboh, southern slopes.
- 16943 Composite flowerheads purple, Mt. Piboh same loc. as 16942.
- 16944 Gentianac, flowers pale yellow meadows of Mt. Piboh northern slopes, elev 12500ft. Aug. 1928.
- 16945 Delphinium sp. flowers dull purple, alpine region of Mt. Piboh 13000ft elev. northern slopes.
- 16946 Composite fl. yellow, same loc. as 16945 outside of fir forest Aug. 1928
- 16947 Composite, flowerheads purple same loc. as 16946.
- 16948 Composite flowerheads purple meadows 12500ft north of Mt. Piboh. Aug. 1928.
- 16949 Taraxacum sp. fl. white same loc. as 16948.
- 16950 Composite rosettes, leaves red fl. heads purple - swampy meadows northern slopes of Mt. Piboh 12500ft. Aug. 1928.

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Collected on Fuchuan shan 富川山 || 4
west of Weikui west Yunnan.

- 16951 Rhododendron tree 15-18 ft
and peduncles, leaves hairy
- 16952 Rhodod. sp. shrub 6-8 ft
pink
- 16953 Rhodod. sp. shrub or tree
- 16954 Rhodod. sp. tree 12-15 ft.
among rocks and boulders
- 16955 Rhodod. sp. 10-20 ft.
broadly oval. high mountains
- 16956 Rhodod. sp. tree 15-20 ft.
of 15000 ft.
- 16957 Rhodod. sp. tree 25 ft
- 16958 cushion plant flowers white
- 16959 Rhodod. sp. small shrub,
- 16960 Primula sp. flowers yellow
meadows alpine meadows 13500 ft.

between Salween and Mekong south -
Collected May-June 1928.

- tall, flowers purplish red, petioles
beneath. Elev. 13500 ft.
- tall, leaves glaucous, flowers
10-15 ft. flowers red.
- leaves almost glabrous flowers pink
dry locality 13500-14000 ft. elev.
- brilliant yellow, leaves large
of Fuchuan shan elev. 15000 ft.
- leaves large pale pink, at an elev.
- leaves very large, flowers a pale yellow
cream-colored, elev. 15000 ft.
- on boulders and crags 15000 ft.
- 1-2 ft. leaves small, flowers reddish
black on long peduncles; elev. 15300 ft.
- leaves serrate scowpy and also dry

- 1 16961 Androsace, flowers white on rocks and boulders, elev. 14500ft
- 1 16962 Ericac plant among rocks & boulders 15500ft. fl. white
- 1 16963 Rhodod. sp. shrub 1-3ft. leaves small flowers medium size purple. elev. 13500 dry open region.
- 1 16964 Eric. plant, flowers white. among rocks in fir forest, elev. 14500ft.
- 1 16965 Anemone, flowers dark blue, alpine meadows 14000ft.
- 1 16966 Anemone, flowers white - lavender on crags, elev. 14500ft.
- 1 16967 herb. flowers white, alpine meadow elev. 14500ft
- 1 16968 Composite flower heads dark purple, alpine meadows in fir forest 14500ft.
- 1 16969 Primula sp? flowers blue, 15000ft elev. among moist rocks and meadows,
- 1 16970 Rhodod. sp? flowers ^{small} yellow, shrub 2-3ft. - in fir forest 14000-15000ft.

- 16971 plant 1-2 ft tall, fruits
elev. 12000 ft. dark blue - shade if ~~found~~ in forest
- 16972 Fraxinus tree 35 ft tall, - forests 12000 ft elev.
- 16973 herb, flowers yellow, - fir and spruce forest 12000 ft elev.
- 16974 Rhodod. sp? 1-3 ft tall, flowers red, alpine regions along
cliff, elev 15000 ft.
- 16975 Magnolia sp? tree 25-35 ft tall flowers white elev. 10000 ft.
- 16976 Liliac. plant fl. white and spotted purple outskirts of forest
and in meadows, elev. 12000 ft. - 13000 ft.
- 16977 Rhodod. sp? shrub or small tree 10-15 ft. flowers pink & red,
slopes of Fuchuan Shan 12500 ft.
- 16978 Rhodod. sp? shrub or small tree 10-15 ft. fl. pale red - pink. -
forest of fir and spruce 12500 ft.
- 16979 Larix sp? tree 50-60 ft tall elev 14500 ft.
- 16980 Rhodod. sp? shrub 7-10 ft flowers yellow, - Larch forest elev.
14500 ft.

- 1 16981 Rhodod. sp. tree 20 ft tall
pale yellow, in Rhodod. forest
leaves large pale green beneath, flowers
15000ft.
- 1 16982 Rhod. sp. shrub 10-12 ft,
flowers lavender to purple. elev. ~~14500ft.~~
~~14500ft.~~ 12000ft. in spruce forest.
- 1 16983 Rhodod. sp. shrub 1-3 ft,
elev. 13500-14000ft.
flowers pink leaves grey green beneath
- 1 16984 Rhod. sp. tree 15-20 ft.
forest, elev. 12500ft.
flowers a deep rich purple, spruce
- 1 16985 Rhod. sp. shrub 1-2 ft. fl.
alpine regions rocky slopes
fire red, leaves small elliptical.
14500ft.
- 1 16986 Primula sp. fl. yellow,
alpine meadows 13500ft.
- 1 16987 Anemone sp. flowers red
" " " "
- 1 16988 Philadelphus? sp. shrub 6-10 ft
in spruce forest 12500ft.
tall, flowers pale red to purple,
- 1 16989 rock plant flowers red, near
summit of Fuchuan shan 15500ft.
- 1 16990 Pieris sp. shrub 2 ft, flowers
white in forest of Pinus armandi
10500ft. - 11000ft.

- 16991 Rhodod. sp. flowers ^{dark} red. elev 14500 ft among boulders. leaves densely woolly underneath.
- 16992 Rhodod. sp. shrub 2-5 ft. ~~deciduous~~ matted with flocculent tomentum, flowers a deep pink leaves sparsely tomentum, elev. 14500 ft.
- 16993 Rhod. sp. shrub 2-5 ft. flowers glabrous, alpine regions with scattered firs elev. 14500 ft. pale red to pink, leaves small
- 16994 Porphalopraume sp. flowers 14500 ft. dark purplish blue, alpine meadows
- 16995 Rhodod. shrub, 7-8 ft. flowers yellow, leaves glabrous, brown beneath, alpine regions 14500 ft.
- 16996 Rhodod. sp. shrub 5-8 ft. flowers ~~glabrous~~ glabrous, alpine region 12000 ft. yellow leaves small glaucous
- 16997 Rhodod. sp. tree 10-12 ft. acute, brown tomentose beneath flowers pink, leaves lanceolate, forests at 12000 ft.
- 16998 Rhod. shrub 4-6 ft. flowers matted tomentum beneath. dark red leaves ^{pale} chocolate brown elev. 14500 ft alpine region
- 16999 Rhod. sp. shrub 5-6 ft. flowers colored beneath, alpine region blackish red leaves deep dark chocolate 14000 ft.
- 17000 Rhod. sp. tree 20 ft. leaves large beneath, flowers yellow (rich). obovate-oblong, brown (cinereous) tomentose alpine Rhod. forest elev. 14800 ft - 15000 ft.

- 17001 Rhodod. sp? shrub, 2 ft. flowers
 elev 15000 ft. deep purplish blue leaves small,
- 17002 Rhodod. sp? 3-5 ft. leaves ob-
 ovate, subglabrous, fl. brilliant red
- 17003 Rhod. sp? shrub 6-10 ft. leaves
 pink to pale red, alpine regions
 oblong, fawn colored, beneath, flowers
 14500 ft.
- 17004 Oryphalopranne sp? flowers stark
 alpine meadows 14500 ft. bluish purple, petals coarsely dentate.
- 17005 Primula sp? flowers purple, leaves
 14000 ft. coarsely dentate, alpine meadows
- 17006 Syringa sp? shrub 15-20 ft. flowers
 white, spruce forest 12500 ft.
 Baski
- 17007 Sorbus sp? small tree or shrub
 10-15 ft. red, spruce forests 13500 ft.
- 17008 Androsace, cushion plant on
 15000 ft. rocks, flowers white, alpine regions
- 17009 Acer, sp? tree 35-50 ft tall,
 in spruce forests 13500 ft.
- 17010 Sorbus, shrub 15 ft, flowers white
 in spruce forest 12000 ft. elev.

- 17011 Rhodod. shrubs 6-10 ft. leaves slopes of Fu chuan shan 13000 ft. elliptical glabrous, flowers yellow,
- 17012 Rhod. sp? shrub 6-8 ft. leaves beneath, glabrous, flowers large elliptical $1\frac{1}{2}$ ⁻²/₂ inch long, drab colored pale yellow. alpine regions 14500 ft.
- 17013 Aquilegia, flowers purple, in mixed forest elev. 11500 ft.
- 17014 Rhod. sp? shrub 6-8 ft tall, leaves beneath deciduous, flowers large 14500 ft. obovate pale cinnamon brown tomentose brilliant deep red, alpine region
- 17015 Rhodod. sp? shrub 5-8 ft. deep carmine. alpine regions leaves deep brown beneath, flowers large 14000 ft.
- 17016 Rhod. sp? shrub 10 ft tall, leaves large pink, calyx large purple. pale yellowish brown tomentose, flowers sepals, alpine regions 14000 ft.
- 17017 Rhod. sp? shrub 8-10 ft. leaves flowers pink, calyx small, bluish green above, drab col. beneath, alpine region 14500 ft.
- 17018 herb flowers white in cavebrake at 12000 ft. elev. Trillium
- 17019 Rhod. sp? shrub 6-10 ft tall, leaves glabrous, flowers yellow, calyx small. elliptical, pale greenish yellow beneath. alpine region 14500 ft.
- 17020 Rhodod. sp? 8-10 inches high, leaves flowers tubular red to pink. small obovate, dark brown tomentose beneath. alpine region among rocks elev 14500 ft.

- 17021 Rhod. sp? shrub 1-2 ft. leaves
tomentulose beneath, flowers
elev. 14500 ft. linear lanceolate greyish green beneath
large pale pink, alpine region
- 17022 Rhod. sp? tree 15 ft tall, leaves
- spruce forest 12500 ft. silvery grey beneath flowers pink,
- 17023 Rhod. sp? shrub 10 ft. leaves
pink calyx entire with undulate
margin, alpine region 14000 ft. pale brown beneath, flowers pale red,
- 17024 Rhod. sp? shrub 6-8 ft. leaves
pale yellow, calyx broadly lobed,
obovate, pale glabrous beneath, fl. large
alpine Rhod. forest 14000 ft.
- 17025 Rhod. sp? shrub 1-2 ft, leaves
large purple, alpine region
small elliptical brown beneath, flowers
14500 ft.
- 17026 Rhod. heliopsis sp? shrub, 10 ft.
flowers purple - spruce forest 13000 ft.
- 17027 Primula sp? small plant, leaves
alpine ~~meadow~~ region on
small crenulate, fl. pale yellow,
limestone boulders. 14500 ft.
- 17028 Rhod. sp? shrub 1 ft, leaves small
purple, calyx carmine, 14500 ft
with long hirsute ricarpis flowers large
elev. alpine region.
- 17029 Mecosopsis sp? flowers pale blue,
14500 ft. spines yellow, among rocks and scree,
- 17030 Primula sp? flowers bluish purple,
on delicate peduncles, - alpine meadows
14500 ft.

- 17031 *Lonicera* sp. shrub 10ft tall, flowers red, spruce forest 11500ft.
- 17032 *Primula* sp. cushion plant, elev. 15500ft. flowers red, among rocks and boulders
- 17033 *Eric.* plant among rocks and boulders, elev. 14500-15000ft. flowers white
- 17034 *Potentilla* sp. flowers yellow, on cliffs and crags, elev 15000ft. small leaved cushion plant,
- 17035 *Rhad.* sp. less than 1ft tall, alpine regions 15000ft. leaves small flowers bluish purple,
- 17036 *Pedicularis* sp. flowers purple alpine meadows 14500ft.
- 17037 *Rhad.* sp. tree 35ft tall leaves green glossy above flowers pale yellow, large silvery beneath, glabrous dark at foot of mountain 10500-11000ft.
- 17038 *Solanac.* plant fl. yellow, - waste ground and along brooks, 10000ft.
- 17039 *Pulsic.* sp. fl. red & purplish alpine meadows 13500ft.
- 17040 *Rhad.* sp. shrub 1-2ft, leaves coriaceous, with thick waxy brown tomentum beneath flowers pale yellow, among boulders 14500-15000ft.

- 1 17041 *Primula pseudosikkimensis*, swampy meadow 12000-13500ft.
- 1 17042 Composite, flowerhead purplish black on scree, elev. 14500ft-15000ft.
- 1 17043 Rhod. sp? shrub 4-6ft. flowers yellow, leaves appear after flowering. elev. 13500ft among rocks.
- 1 17044 alpine herb fl. white on scree, 15000ft.
- 1 17045 *Omphalogramme*, flowers long tubular, petals small dark blue, alpine meadow, 14500ft.
- 1 17046 *Polygon?* flowers carmine, with thick rootstock among rock and boulders, elev. 14500ft.
- 1 17047 *Meconopsis integrifolia*; alpine meadows, 13500ft.
- 1 17048 *Meconopsis* sp? leaves deeply lobed sinuate. flowers blue, on scree and rocks elev. 15000ft.
- 1 17049 *Meconopsis* sp? leaves linear lanceolate, flower blackish purple, on scree 15000ft.
- 1 17050 *Meconopsis* sp? leaves long linear, flowers purplish blue, on scree. 15000ft.

From 17052 on collected on Mt. Chi'Ch'a
west of the Mekong and north of Waikeisi.

Shan 吉岔山 in Kasik'pi'ta Shan
June-July, 1928.

17051 Rhod. sp? shrub 4-6 ft. or more,
lanceolate, deep brown thick
regions 15500 ft.

leaves thick coriaceous, linear,
tomentous fl. ^{pale} yellow, alpine

17052 Rhodod. tree 15-18 ft. leaves
flowers large in ample corymbs

large coriaceous, pale brown beneath,
pale red (pink). alpine regions 14000 ft.

17053 Rhodod. tree 25 ft tall leaves
same loc.

as before (17052) flowers yellow.

17054 Rhod. sp? shrub 3-5 ft. leaves
flowers yellow, slopes of mountain

oval, glaucous beneath glabrous,
spruce forest 12000 ft

17055 Rhod. sp? shrub 6-8 ft. leaves
flowers white. same loc. as

lanceolate grey glabrous beneath,
17054.

17056 Primula sp? flowers blue

alpine swampy meadow 14500 ft.

17057 ^{Eubiantion sp?}
Tree 10-12 ft. flowers pale yellow

forests at 13500 ft elev.

17058 small tree or shrub 10 ft. fl.

pale yellow forests at 12000 ft.

17059 Ericac. tree 10-12 ft, flowers

brick red and striped, in open forests
elev 11000 ft.

17060 Rhodod. sp? shrub 2-5 ft. leaves

linear grey beneath flowers small yellow
elev. 12500 in spruce forest.

- 17061 *Acer* sp. tree 35-40 ft. leaves deeply tri-lobed, - forests at 12500 ft. elev.
- 17062 *Acer* sp. tree 25 ft. leaves oblong short racemes, with 17061. slightly lobed at base. fruits small -
- 17063 shrub 10 ft. flowers red - forest at 12500 ft.
- 17064 *Erica* sp. tree 10-15 ft. flowers pale yellow, not striped, forest of fir and spruce 12500 ft.
- 17065 *Scutellaria*? shrub 5-8 ft. flowers purplish outside white inside, forests at 12500 ft.
- 17066 *Rhodod.* tree 10 ft. leaves elliptical grey-green beneath, flowers white, forests of 12000 ft.
- 17067 small tree 10-15 ft. flowers white - fir forests 12000 ft.
- 17068 *Rhodod.* sp. shrub 2-4 ft. flowers large white or slender leaves small elliptical pale green, peduncles dry open slopes at 12500 ft.
- 17069 *Trinella* sp. flowers purplish blue damp mossy ground - fir forest 13300 ft.
- 17070 *Rhodod.* ~~sp.~~ tree 25 ft. flowers small red leaves elliptical fruiting peduncles thickened open forest at 12500 ft.

17071 Acer sp. 30-40ft, leaves large
racemes. fresh at 12500ft.

pubescent beneath, flowers in long

17072 Keteleeria sp.? tree 40-60ft.
- Mekong valley.

on dry slopes at 10000ft elev.

17073 Rhodod. shrub 5-8ft, leaves sub-
alpine region 13500ft.

orbicular, thin glabrous, flowers yellow,

17074 Tree or shrub 15-18ft. flowers
elev. 7000ft.

white in Salween valley west of Weikhi.

17075 small tree 15-18ft. flowers
Salween valley, 10000ft.

white, western slopes of Pitsa Shan.

17076 Prunus sp.? (Cherry). same

locality as 17075 but elevation 12500ft.
flowers pink.

17077 Tree 25ft. flowers pale yellow,

valley of Mekong 9000ft, eastern slopes
of Pitsa Shan.

17078 Rhodod. shrub 2-4ft, leaves

small elliptical dark grey, flowers
pale red, or purplish. western slopes
of Pitsa Shan, Salween valley 12500ft.

17079 Rhodod. sp. shrub 2-4ft, leaves
red, same loc. 17078.

narrow linear, & dark grey beneath, flowers

17080 Rhodod. sp.? epiphytic on large

fir trees, flowers small, yellow
western slopes of Pitsa Shan Salween valley
12500ft.

western slopes of Fita Shan

Salween Valley

- 17081 Rhodod. sp? tree 10-12 ft. pale brown beneath, flowers western slopes of Fita Shan.
- 17082 Rhodod. sp? shrub. 10 ft. leaves beneath, flowers smaller in
- 17083 Rhodod. sp? tree 10-12 ft. leaves prominent protruding beneath, long white calyx large greenish
- 17084 Rhodod. sp? tree 10-12 ft. leaves red hirsute flowers. red.
- 17085 Rhod. shrub 5-6 ft leaves 13500 ft.
- 17086 plant 1-2 ft tall epiphytic on flowers yellow, same loc.
- 17087 Rhodod. sp? shrub 2-4 ft, leaves beneath, calyx brown waxy flowers
- 17088 Rhodod. sp? shrub 8-10 ft. elev. 12000 ft.
- 17089 Poliac. flowers white spotted
- 17090 Primula sp? flowers large blue,

- leaves large oblong pale green, large - large corymbs white. Salween valley 12500 ft.
- lanceolate, acuminate, brown tomentose dense corymbs white, elev 12500 ft.
- pale green, pale brown beneath, veins flowers immense bell shaped, tree inches red, elev. 12500 ft.
- hirsute peduncles, ~~and petals~~, dark elev 12000 ft.
- glabrous flowers pink, alpine region
- trees or growing on tall bamboo. 12500 ft.
- leathery veins deeply impressed woolly white very large, epiphytic on trees elev 12500 ft.
- flowers large white, leaves large ovate.
- purple star-shaped grassy slopes, elev. 11000-12000 ft.
- in mossy fir forest elev. 13000 ft. - 13500 ft.

- 17091 Rhodod. sp? shrub 10-12 ft. leaves
flowers purple, elev. 12500 ft. elliptical glabrous, green on both sides
- 17092 Rhodod. shrub or small tree
10-12 ft. leaves as before, flowers pink,
elev. 13000 ft.
- 17093 Rhodod. sp? shrub 2-4 ft. leaves
flowers red, alpine region
small lanceolate grey beneath,
13500-14000 ft.
- 17094 Hydrangea sp? 10-12 ft. leaves
in sparse forest 12500 ft. large, floral bracts small.
- 17095 Rhodod. sp? shrub 6-8 ft. leaves
glabrous, glabrous, flowers large
deep pink, glabrous, alpine region
14000 ft.
- 17096 Rhodod. shrub 4 ft. leaves
deep dark blackish red. alpine
obovate, brown woolly beneath, flowers
region 14500 ft.
- 17097 Magnolia sp? tree 45 ft.
flowers large white fragrant.
forests at 12500 ft.
-
- 17098 Composite fl. yellow, meadows
Collected on Ta pao shan 大保山
4 between Wei hsi and the Mekong. July 1928.
at 10000 ft.
- 17099 Rhodod. sp? shrub 1 ft. leaves
broadly elliptical grey beneath, fl. yellow
elev. 13000 ft.
- 17100 Rhodod. shrub 1 ft. leaves linear
dry slopes 10000 ft. lanceolate, flowers small pink,

- 17101 Rosa sp. shrub 6 ft. flowers
by deep purple bracts. same loc.
large white the peduncle supported
as 17100.
- 17102 Rhod. sp. shrub 2 ft., leaves linear
margins revolute, flowers pure
white, summit 13500 ft.
- 17103 Rosa shrub 6 ft. flowers red,
green, oblong, same loc. as
leaves large leaflets serrate, bracts
17101.
- 17104 Piptanthus, flowers yellow, 1 ft.
tall, 13000 ft. - alpine meadows.
- 17105 Rhodod. sp.? tree 12-15 ft.
leaves large finely tomentose glaucous
above, flowers white, alpine region
13600 ft.
- 17106 Rhodod. sp. shrub 4-6 ft., leaves
tomentous, flowers pale yellow,
elliptical, densely dark red reflex
~~at~~ alpine region 13500 ft.
- 17107 Rhodod. sp.? tree 10-12 ft. leaves
oblong plebeous, flowers, red,
alpine region 13500 ft.
- 17108 Rhodod. sp. shrub 1-2 ft. leaves
flowers deep bluish purple, calyx
small elliptical dark brown beneath
dark carmine, alpine region 14000 ft.
- 17109 Rhodod. sp. shrub 1 ft. or more,
flowers large purple deep blue,
leaves small elliptical, greyish green beneath,
elev. 14000 ft.
- 17110 Rhod. sp.? shrub 9-10 ft. leaves
beneath, flowers white, alpine
region 13500 ft. 14000 ft.

- 17111 tree 10-15 ft. in forest at elev. of 12500 ft. flowers white.
- 17112 Rhodod. sp? shrub 1-2 ft. leaves large deep purplish blue, small with hirsute margins, flowers alpine meadows 14000 ft.
- 17113 Rhodod. sp? shrub 1-2 ft. leaflets purplish blue, with 17112 small oval glabrous, flowers small
- 17114 Prunus (Cherry) shrub 2-5 ft. flowers pink, alpine meadows 13500 ft.
- 17115 Prunus sp? (Cherry) tree 15-20 ft. in forest at 12500 ft elev. flowers pink.
- 17116 Rhodod. sp? shrub 6-8 ft. leaves beneath, flowers large white, ovate-oblong acute finely tomentose alpine region 14500 ft.
- 17117 Rhodod. sp? shrub 5-6 ft. leaves flowers white alpine region 14500 ft. ovate acute, brown tomentose beneath.
- 17118 Rhod. sp? tree 15-18 ft. leaves beneath, rich green above, flowers oblong attenuate at base brown tomentose large white. alpine region 14000 ft.
- 17119 Rhodod. tree 15-20 ft. leaves large beneath, flowers large white. oblong-obovate, rich brown tomentose elev 12500 ft - fir forest.
- 17120 Rhodod. sp? shrub 5-7 ft. leaves alpine region 14500 ft. oval rust brown beneath, flowers white.

- 17121 Rhodod. sp? shrub 7 ft.
alpine regions 14000 ft. similar to 17120, flowers white.
- 17122 Rhodod. sp. shrub five to six feet,
flowers white alpine regions leaves oblong rust brown beneath,
14000 ft.
- 17123 Rhodod. sp? shrub 5-7 ft. leaves
flowers a rich pink, alpine region oblong cordate margins revolute,
14500 ft.
- 17124 Rhodod. sp? tree 15-18 ft,
smaller about 1 inch long pale leaves large oblong, brown beneath, flowers
pink. fir forest at 12500 ft.
- 17125 Rhodod. sp? tree 10-15 ft, leaves
large globose corymbs pale pink large oblong subglabrous, flowers in
fir forests at 12500 ft.
- 17126 Rhodod. sp? tree 25 ft tall, leaves
flowers purplish red. fir forests large oblong reflex tomentose beneath
at 12500 ft.
- 17127 Rhod. sp? tree 15-18 ft. leaves
are the margins, flowers large long lanceolate petioles hirsute as
red. in fir forests at 12500 ft.
- 17128 Rhodod. sp. tree 15-20 ft tall
reflex tomentose beneath, flowers
fir forests at 12500 ft. leaves thick coriaceous obovate oblong
pale yellow, on long peduncles.
- 17129 Rhodod. sp? tree 15-20 ft leaves
flowers pink. fir forests at 12500 ft. very large broadly obovate oblong subsessile,
- 17130 Rhodod. sp? shrub 5-6 ft leaves
tomentose, flowers purplish broadly oblong, cordate veined greyish
red, alpine regions 14500 ft.

Collected on Humpuigai'shan 紅山 4 north of Ditingping. July 1928.

- 17131 Rhod. sp. shrub 5-8 ft., leaves small pale blue. - fir and spruce forest 11500 ft.
- 17132 Iris sp. flowers blue, - swampy meadows 11500 ft.
- 17133 Rhodod. sp. leaves small oval purple, shrub 8-10 ft. fir forest acute at both ends plabrous, flowers out among spruces 11000 ft.
- 17134 Rhodod. sp. shrub 1-2 ft., leaves beneath, flowers blue. alpine small narrow elliptical pale brown meadows 11000 ft.
- 17135 Rhodod. sp. shrub 2-3 ft., leaves pale blue, alpine meadows 11500 ft. as before, but dark brown beneath, flowers
- 17136 Rhod. sp. shrub 8-10 ft., leaves lemon yellow, - spruce forest oblong pale plabrous beneath, flowers etc. 11500 ft.
- 17137 Iris sp. plant small, flowers purplish blue, alpine meadows, 11500 ft.
- 17138 Primula sp. flowers blue with
collected on Wei-hsi mountain. purplish tinge. alpine meadows 11500 ft.
July 1928.
- 17139 Betula sp. tree 20 ft. bark white? spruce forest 11500 ft.
- 17140 Tree 10-15 ft tall, leaves small elliptical rich green, flowers golden yellow - axillary racemes, - spruce forest 11000 ft.

- 17141 *Rosa* sp. shrub. 10 ft. flowers small yellow, cultivated at Wei Hsi: 8500 ft.
- 17142 *Eucliaanthus* sp.? tree 10-15 ft., yellow stripes, west of Titiyung, leaves oblong, flowers brick red and elev. 10000 ft.
- 17143 *Eucliaanthus* sp. tree 10-15 ft., of corolla segments, also pointed, flowers white tinged purple at apex striped. same loc. as 17142.
- 17144 *Rhodod.* sp. shrub 2-5 ft., leaves fl. purplish red. foot of Titiyung light green on both sides, glabrous thin, 10500 ft Wei Hsi'shan.
- 17145 *Rhod.* sp. shrub or small tree pink, same loc. 10 ft. leaves as in 17144, flowers pale
- 17146 *Rhod.* sp. shrub 2-4 ft., leaves beneath, flowers a rich crimson, west of Wei Hsi Wei Hsi mountain linear lanceolate, dirty white tomentose 10800 ft elev.
- 17147 *Rhod.* sp. shrub 2-4 ft., leaves flowers red, same loc. as 17146. as before, pale brown tomentose beneath,
- 17148 *Rhod.* sp. shrub 3-5 ft., leaves tomentose flowers red. as before but thickly matted with a woolly same loc. as 17146.
- 17149 *Rhod.* sp. tree 10-12 ft., leaves Wei Hsi'shan, elev. 10500 ft. - green on both sides, flowers purple, 11500 ft.
- 17150 *Rhod.* sp. shrub 3-5 ft., flowers red, same loc. as 17146.

17151 Rhod. sp.? shrub 4 ft, leaves deep red, elev 11000 ft

linear, brown woolly beneath, flowers dry slopes. west of Wei' hsi.

17152 orchid, flowers yellow.

meadows 11000 ft west of Wei' hsi.

17153 Rhod. sp.? shrub 2-4 ft, shan north of Hsi'ping. elev. 12000 ft.

flowers tubular pink, on Hsi'ping upai

17154 Primula sp.? flowers purplish blue,

alpine meadows same loc. as 17153

17155 Anemone sp.? flowers white same

loc. 17154

17156 Cruciferae, herb flowers pale

blue, in swampy meadows 13000 ft, Hsi'ping upai shan

17157 Pyrus mollis, tree 15-20 ft. 11000 ft.

pine forests of Hsi'ping upai shan.

17158 Liliac. herb flowers purple, of forest elev 11300 ft. Hsi'ping upai

spotted darker, in meadows and outskirts shan.

17159 Collected on Shou'na Kou 上 wei' hsi, July 1928. A. S. Gentry Composite, flowers yellow.

馬角 (Kou is the Rose name for mountain east of Mekong). alpine meadows at 13500 ft.

17160 Composite, fl. yellow, alpine

meadows elev. 13000-14000 ft.

- 17161 Composite flowerheads purple alpine meadows 14000ft.
- 17162 Composite flowerheads yellow, " " 14000ft.
- 17163 Saxifraga flowers yellowish white " " "
- 17164 Meconopsis sp? flowers purplish alpine meadows and gravel at 14000ft.
- 17165 Aster, sp? Ray florets purple, " " ——— " "
- 17166 Composite, fl. yellow, alpine meadows 12000ft.
- 17167 Composite, fl. yellow - stream ~~beds~~ elev 13000ft. - 13500ft.
- 17168 tree 10-15ft. with cane brake and firs at 13000ft.
- 17169 Rhodod. sp? shrub 3-4ft, leaves dark grey tomentose beneath, flowers? probably red. alpine meadows 13500ft.
- 17170 Tsyus sp? upper alpine forest elev 13500ft.

17171 Rhodod. sp? shrub 2-4 ft,
14000ft.

17172 gaultheria? fruits blue,

17173 Prunus sp? (Cherry) fruits brick

17174 tree 10-15ft, flowers white -
spruces, elev 11000ft. a handsome

17175 Compositae, flowerheads purple,

17176 Rhodod. sp? shrub 4-6 ft,
flowers? - alpine regions

17177 Rhodod. sp? shrub 3-5 ft,
alpine region 13500ft

17178 Rhodod. sp? shrub 3-5 ft,
alpine region, elevation 13800

17179 Rhodod. sp? shrub 2-4 ft,

Collected in P. W. Reckman's unli
territory Aug. 1928.

17180 Allium sp? fl. wine colored, alpine

flowers pink? alpine meadows 13500

in fir forest, elev. 13000ft.

red, forest of Shan near Kan, elev. 10000ft.

erect racemes, among conifers on
tree.

in water courses, alpine regions
13500ft.

leaves ovate tomentose brown beneath,
14000ft.

leaves white tomentose, ^{beneath} fl.?

leaves white tomentose, flowers red?
14000ft.

leaves elliptical, fl.? alpine region
13800ft.

meadows of Mt. Piffah north slopes
12500ft.

17181 *Impatiens*, herb, fl. purple and

yellow, alpine meadows same loc
as 17181.

17182 Tree 15-20 ft. flowers cream colored
9000 ft. elev. Aug. 1928.

banks of Nuli stream above Pili

17183 *Quercus* sp.? tree 60 ft or more
9500 ft. Nuli territory.

pine of large crown, above Pili

17184 *Quercus* sp.? tree 15-20 ft.

same loc. as 17183.

Collected in May 1928 en route
Pili camp.

to Nuli via Yampung from Kgaluki

17185 Rosal. shrub 3-5 ft. flowers
valley. 10000 ft. elev.

white, banks and slopes of Teshu

17186 *Syringa* sp.? shrub 10-15 ft.
as 17185.

flowers pink lavender, same loc.

17187 herb, fl. pink, in sandy
Umicate

streambed of Teshu; elev. 10000 ft.

17188 *Spiraea* sp.? flowers pink,

among rocks in upper Teshu valley
11000 ft.

17189 *Anemone* sp.? fl. white on rocky
Umicate

banks upper Teshu; elev. 11000 ft.

17190 Crucifer, flowers pink same

loc. as 17189.

- 17191 herb, fl. white in stream bed upper Teshui, 11000ft.
- 17192 Spiraea sp. shrub 3-4ft. fl. white same loc. as 17188.
- 17193 shrub, 2-3ft, fl. yellow, banks of Teshui stream, elev. 10000ft.
- 17194 Rhodod. sp. shrub 1-2ft fl. purple lavender same loc. 17193. elev. 11000ft.
- 17195 Androsace sp. same loc. as 17193. flowers pink.
- 17196 Anemone, sp. fl. pure white upper end of Teshui 11000ft in sandy banks.
- 17197 Rhodod. sp. shrub 1-2ft, fl. lavender blue, same loc. 17194.
- 17198 Solms-Laubachia? sp. fl. turquoise blue, on banks between Teshui.
- 17199 Rhodod. sp. shrub 4-5ft, flowers pink, same loc. as 17198.
- 17200 tree 15-20ft. forests of Muape elev. 10700ft. north of Teshui;
Rosaceae

- 17201 Rhodod. sp? tree 15ft. fl. a rich pink, same loc. as 17201.
- 17202 Pinus sp? tree 10-15ft. flowers pink, north of Bayiwa in Yangtze loop forests at 11500ft.
- 17203 Rhodod. sp?. shrub 1-2ft. flowers lavender blue, Kda za dii meadow, north of Bayiwa 10600ft. elev.
- 17204 shrub 5-6 ft. fl. white, above Tokesher. 11000ft elev. - spruce forest.
- 17205 shrub 10-12ft. - spruce forests flowers pale yellowish. north of Bayiwa, elev. 11500ft. Yangtze loop.
- 17206 Pinus sp? tree 15-25ft, flowers white at Shergusherlo, south Tokesher village, 11000ft.
- 17207 Rhodod. sp? shrub. 6-8ft. flowers whitish blue, - spruce forests 11000ft south of Shergusherlo forest.
- 17208 tree 10-15ft. same loc. 17208.
Amentiferae
- 17209 Primula sp? flowers purplish red swampy meadows below Ngv Klu' gho 12800ft.
- 17210 Primula sp? flowers pink - shade in Larsh forest at Ngv Klu' gho 13000ft. south of Dautsoli.

- 17211 ^{rubiginosum Fr.} Rhodod. sp.? shrub 5-8 ft. summit pass near Ngokkhu'pho
 photograph. color plate no. ever. 13000 ft.
- 17212 Rhod. sp.? tree 10-12 ft. fir forest at Ngokkhu'pho 12800 ft.
- 17213 Rhod. sp.? tree or shrub 6-8 ft. flowers pink, same loc. as 17212.
- 17214 Rhod. sp.? shrub 2-3 ft. flowers pale lavender blue, alpine meadows of Ngokkhu'pho 12500 ft.
- 17215 Primula sp.? fl. purple, - alpine meadows same loc. as 17214
- 17216 Tree 10-15 ft. flowers greenish-yellow, - forests part of Raposhan, 12500 ft.
- 17217 Rhodod. sp.? shrub 10-12 ft. fl. purple, forest of Raposhan, 11000 ft.
- 17218 Tree 50-60 ft. along stream - Dantsolo gorge 8500 ft.
- 17219 Rhodod. sp.? shrub 1-2 ft. fl. ~~pink~~ head pale rose, pink, dry open pine ridges at Herabiko 11600 ft.
- 17220 Tree 12 ft - 15 ft. fl. yellow, dry gorges below Dantsolo 8500 ft.

- 17221 Tree 15-20 ft. flowers yellow, same loc. as 17220.
- 17222 Legum. tree 25-30 ft. fl. yellow, same loc. 17220.
- 17223 Rhod. sp.? shrub 1-2 ft. fl. white same as 17219 same loc.
- 17224 Tree 10-15 ft. fl. white dry paper slopes of Lautolo? elev 8000 ft.
Sambucus?
- 17225 Tree 12-15 ft. fl. yellow, same loc. as 17224.
- 17226 tree 10-12 ft. fl. yellow, same loc. as 17224.
-
- collected east of the Yangtze and of Fuyukou in Yunnan territory
- 17227 Prunus sp.? tree 15-20 ft. fruit pinkish red. - large grove
above Pououa elev. 9000 ft.
- 17228 Cornus sp.? tree 15 ft. flowers cream-colored same loc. as 17227.
- 17229 woody vine, flowers yellow - forest at Pououa, elev. 9500 ft.
- 17230 Pyrus sp.? tree 15-20 ft. fl. white same loc. as 17227.

17231 Acer sp. tree 60-80 ft. forming large groves at Pouwoa 8800 ft.

17232 Shrub 6-8 ft. flowers dark purplish same loc. as 17231.

17233 Shrub 5-6 ft. flowers pink, Rosa meadow of Jampung, 9400 ft.

17234 Shrub 6-8 ft. fl. white Hoy drungca mountains above Wualapi - forest of spruce 10500 ft. south of Lechuan border.
Collector: P. W. Lechuan May 1928.

17235 Rhodod. shrub or small tree Vudju, 11000 ft. flowers 10-12 ft. - spruce forest above pale pink.

17236 Ribes sp? shrub 6-8 ft. same loc. as 17235.

17237 Ribes sp? shrub 5-6 ft. " " "

17238 Salix sp? shrub or small tree 6-10 ft. slopes of Yowul Maduskar elev. 11000 ft. Mt. Pitobah

17239 Ribes sp? shrub 6 ft. same loc. as 17238, 11500 ft.

17240 Lichen on spruce and oak trees, below ¹¹⁴⁰⁰ Pitobah. elev. 11500 ft.

Collected on Mt. La ch'ou ch'ou K'hi

south east of Chungtien, Kotsün
August & September 1928.

- 17241 Composite flowerheads purple in meadows 12000ft.
- 17242 ~~Rapuntium~~ Caragana, flowers red? among rocks 13500ft-14000ft.
apparently mixed with # 17290
One specimen mounted for U.S.N.H.
- 17243 Aster, florets purplish lavender alpine meadows 12000ft.
- 17244 Gentiana sp. flowers deep blue " " "
- 17245 Aconite, fl. purplish blue " " "
- 17246 Meconopsis sp. flowers steel blue on screes 14500ft.
- 17247 Composite, flowerheads purple " "
- 17248 Delphinium sp. flowers blue on screes 12000ft.
- 17249 herb, flowers white on screes at 14500ft.
- 17250 Umbellifer fl. whitish purple " " "

- 17251 herb with thick rootstock on rocky slopes 14500ft.
- 17252 Pedicularis sp. flowers purplish red, with small shrubs at 14500ft.
- 17253 Gentiana sp. flowers purplish blue, meadows at 12000ft.
- 17254 Composite flowerheads orange yellow " "
- 17255 Lacifraga fl. yellow on rocks and crags 14000ft.
- 17256 Corydalis fl. deep purple on scree 15000ft.
- 17257 Gentiana sp. fl. deep purplish blue, " "
- 17258 Composites flowerheads purple leaves silvery scree 15000ft
- 17259 Gentiana, flowers deep blue alpine meadows 14500ft
- 17260 Gentiana, herb. fl. deep steel blue " "

17261 Gentianace. herb, flowers deep purplish red alpine meadows
17261a " " " " 14500ft

17262 Crucifer sp. flowers? among rocks and scree 15000ft.

17263 Composite flowerhead purple on scree " "

17264 Gentiana sp? flowers large deep purple, alpine meadows 14500ft

17265 Campanulac. fl. bluish meadows 12000ft.

17266 Gentiana sp. flowers steel blue " "

17267 Composite flowerheads purple, on scree 15000ft.

17268 Composite " " " " "

17268a Scrophulariaceae

17269 Lonicera, shrub 3-5ft, flowers yellow, fir forest 13500ft.

17270 Saussurea sp? flowerhead purple gravelly meadows 13500ft.

- 17271 Composite flowerheads yellow alpine meadows 14000ft.
- 17272 Aster sp. florets purple lavender " " 12000ft
- 17273 Primula sp. flowers ~~purple~~ purple " " " seeds coll.
- 17274 Primula sp. flowers pale blue " " 14000ft. seeds coll.
- 17275 Betula tree 40-50 ft. bark red, - forests along streams 12500ft.
- 17276 Senecio fl. yellow, - in alpine meadows 13000-14000ft.
- 17277 Caragana sp. fl. ? in scree at 15000-15500ft.
- 17278 Rubus sp. fruits orange red in fir forest at 13500ft. seeds collect.
fruits about 1 inch in diam.
- 17279 Aconite, flowers blue, alpine meadows at 12500ft.
- 17280 Rhodod. sp. shrub 3-5 ft. alpine regions 14000ft.

- 17281 Rhodod. sp. few inches tall flowers bluish purple, alpine region scree 15000ft.
- 17282 Rhodod. shrub 5-8 ft. Rhod. forest 14000ft among rocks.
- 17283 Rhodod. sp? shrub 3-4 ft. slopes at 12500ft.
 these near Han southeast of Chumpton north Jinnan Aug-Sept. 1928.
- 17284 Rhododendron sp? shrub 5-6 ft. alpine region 14500ft
- 17285 Rhodod. sp? small tree 12-15ft. in fir forest at 13000ft.
- 17286 Ostoneaster sp? fruit's red " " " shrub 4-6ft.
- 17287 Euonymus sp? fruit's pinkish red, shrub 10-15ft. in spruce forest 11000-12000ft.
- 17288 Delonixia sp? flowers yellow, in spruce forest at 12500ft.
- 17289 Wikstroemia sp? shrub 3-4 ft. " " 12000ft. fruit's orange red.
- 17290 Caragana sp? prostrate shrub at 13000ft among rocks. flowers?

Chumpton meadows, north

Juncos, elev. 11500ft.
Aug. - Sept. 1938.

17291 Composite climber over shrubs

at Chumpton, flowers purplish blue,

17292 ~~Shrub~~ woody climber 10-20ft, ^{leaves} fruits red.

in fir and spruce forest
11500ft.

17293 Berberis sp? shrub 5-6ft,

fruits in long racemes, pink,
elev. 11500ft.

17294 Campanulac. herb flowers

blue, in meadows 11500ft.

17295 ^{spring} tree or shrub 10-12ft, fruits

yellow, " " 11500ft.

17296 Leguminous vine, flowers

blue, in meadows at 11500ft.

17297 Composite rosettes, leaves red,

flowerheads purple meadows at 12000ft

17298 Senecio sp? flowers yellow,

Chumpton meadow 11500ft.

17299 Caragana sp? shrub 3-5ft

" " " "

17300 ~~Shrub~~ ^{tree} tree 15-20ft.
Rosace

" " " "
fruits cherry-like red.

17301 *Bucrus* sp? shrub 3-4 ft.

Chungtien meadow 11500ft

17302 *Artemisia* sp? flowers yellow

" " "

17303 *Impatiens* flowers purple

" " "

17304 *Acer* sp? tree 15-20ft. leaves
near Chiao To'u. 8000ft.

glaucous, on banks of Yündodji

17305 tree 10ft. same loc. as

17304.

17306 *Quercus* sp? tree 10-25ft.

leaves glaucous same loc. as 17304

Collected on Shwe men Kan

south east of Chungtien Arp. Sept. 1928.

17307 *Rhodod.* sp? shrub 3-4 ft

shr. 14500ft. alpine region.

17308 *Rhodod.* sp? shrub 5-6 ft.

" " "

17309 *Rhodod.* sp? " 5-8 ft.

" " "

17310 *Rhodod.* sp? " 6-10 ft

" " "

17311 Rhodod. sp? shrub - 3-5 ft

alpine region 14500 ft.

17312 Rhodod. sp? flowers red -

shrub 6-8 ft. alpine region 14500 ft.

17313 Vaccinium sp. ^{seed suit.} lower slopes of

Pikiang snow range elev. 10500 ft.
Sept. 1928. shrub 2-4 ft.

17314 Delphinium sp? plant 3/4 tall
meadows of Jaba elev. 11000 ft.

or more, flowers a dull purplish grey,
Sept. 1928.

17315 Senecio sp? forest near
Sept. 1928.

To Keshu upper Yangtze loop elev.
12000 ft. meadows.

17316 Tilia sp? tree 25-30 ft for

forest of Shengku Shu to, elev. 12500 ft
Sept 1928

17317 Delphinium sp? flowers rich
elev 12500 ft. Sept 1928

purplish blue, on slopes of Mt. Rapo,

17318 Composite forming rosettes in
elev. 12800 ft. leaves red.

alpine meadows of Mt Jibok, S.W. Beck.

17319 Delphinium sp? forest of ~~XXXXX~~
on steep grassy banks, elev.

~~XXXXX~~ Raposhan among limestone
12500 ft. Sept. 1928. of Yangtze loop.

17320 Allium sp? flowers wine color

same locality as 17320

- 17821 Delphinium sp. flowers purple
among limestone boulders,
slopes of Mt Dapo, Gampye loop
and grassy slopes. elev. 12500ft. Sept 28.
- 17822 Composite, sp. fl. yellow -
seen above Lantolo page
spruce forest northern slopes of Dapo
elev 11500ft. Sept. 1928, - spruce forest.
- 17823 Gentiana sp. creeper on mossy
slopes. Sept. 1928.
banks elev. 11500ft Mt Dapo, northern
- 17824 Gesneriac. herb, on dry limestone
flowers deep orange, Sept. 1928.
boulders in Lantolo page, 9000ft elev.
- 17825 Anemone sp. flowers large
R. Kamp snow range elev.
white, at foot of glaciers at Sabaloko
12000ft. Oct. 1928. seeds collected.
very ornamental.
- 17826 Silene sp. on gravelly slopes
at foot of glaciers Sabaloko
same loc. as 17825.
- 17827 Composite flowerhead
purple, same loc. as 17825.
wet gravelly slopes.
- 17828 Silene sp. at foot of cliff at
the head of Sabaloko elev 12500ft.
- 17829 Gentiana sp. flowers deep
steel blue same locality as 17828.
- 17830 Pedicularis sp. flowers purple
Uniculate
same locality as 17828.
glacier gravel.

- 17331 Crucifer, flowers? glacier
gravel at Sabaloka elev 12500ft.
Likiang snow range.
- 17332 Delphinium Likiangense
at the head of Sabaloka elev.
flowers rich blue, at foot of cliff
12500ft.
- 17333 Anemathodium sp.? flowers
also in fir forest in moss.
pinkish mauve same loc. as 17332.
- 17334 Gentianac. herb, flowers blue
on cliffs at foot of glacier Sabaloka.
Oct. 1928.
- 17335 Gentianac. herb flowers blue
same loc. as 17331.
- 17336 herb, flowers bluish purple,
same loc. as 17331.
- 17337 Composite flowerheads
yellow same loc. 17331.
- 17338 Delphinium sp.? flowers
in Saba gorge elev 11500ft.
bluish purple. in fir and spruce forest
Oct. 1928.
- 17339 Ficea sp.? tree 50ft. slopes of
Likiang snow range Saba domain
elev. 11000ft. Oct. 1928
- 17340 Abies sp.? tree 40-50ft. at the
head of Sabaloka elev. 12500ft.
Oct. 1928.

- | | | |
|-------|---|--|
| 17341 | Gentianac. herb, flowers pinkish
north of Kpuliko; elev. 9800ft. | at the head of the Likian plain
Oct. 1928. |
| 17342 | Crassulac. herb on grey lime
fl. pinkish yellow. | stone rocks elev. 9800ft same loc.
as 17341. |
| 17343 | Gentiana sp? on gravelly
pine trees, flowers blue and | plain same loc. as 17341 under
pale yellow. Oct. 1928. |
| 17344 | Gentiana sp. flowers deep purplish
elev 9600ft under oaks and | blue on shores of Jamping lake
pine, November 1928. |
| 17345 | Labiate climber flowers pink
Mu-li territory Hsch. 2 | on trees and shrubs at Javua -
November 1928. elev. 10000ft. |
| 17346 | Gentiana sp? flowers purplish
at Javua in Mu-li territory | red. under oaks and pine scrub,
Hsch. elev. 10000ft. Nov. 1928. |
| 17347 | Composite flowers yellow
valley elev. 8000ft. Nov. 1928. | in scrub near Fung Kou. Jangte
4 ft tall. |
| 17348 | Legume shrub 3-4 ft. flowers
above Fung Kou 7000ft elev. | deep bluish purple, dry sandy hills
November 1928. |
| 17349 | Sapotaceae viscosa shrub, 3-4 ft. | same loc. 17348. |
| 17350 | Gentiana sp? under oak scrub
elev 8000ft. November 1928. | on grassy slopes below Laetsolo |

17351 Gentianeae. herb, flowers white
no 17350.

17352 Rhodod. sp? shrub 1-2 ft.
dry pine covered slopes above
November. 1958.

17353 Umbellifer. flowers cream.
- spruce forest north of Lautolo

17354 Rhod. coriaceum, flowers
alpine slopes of Mt. Raps elev.

17355 Gentiana sp? flowers a brilliant
at Jo Khu Ko. Nov. 1958.

17356 Rhodod. sp? shrub or small
spotted people, forests of Jo Khu

17357 Rhod. heliopsis tree 15 ft.
17356 Nov. 1958.

17358 Rhod. sp? shrub or small
ends, pale dull beneath, fl.

17359 Rhod. sp? shrub 2 ft - swampy
flowers small bluish purple

17360 Malus sp? tree 30 ft. leaves
fruits small yellowish red,

striped blue same locality as

flowers pink tubular - glabrous heads
Lautolo; elev. 10000 ft. seed coll.

colored on rocky - moss covered banks
elev. 11000 ft. Nov. 1958.

pink shrubs 3-4 ft. or 2 ft. or high
12500 ft. Nov. 1958. seed coll.

blue, - swampy meadow 12000 ft.

tree 12-15 ft. flowers white & pink
Ko elev. 12000 ft. Nov. 1958. seed coll.

flowers purplish, same loc. as
seed coll.

tree 12-15 ft. leaves ovate acute at both
yellow, same loc. as 17356. Nov. 1958
seed coll.

meadow at Jo Khu Ko elev. 12000 ft.
seed coll.

greyish yellow tomentose beneath,
To Keshu 10000 ft. Nov. 1958 seed coll.

17361 *Abies* sp? trees 60ft tall cones
north of Tokeshu, elev 12000ft.

17362 *Picea* sp? trees 80-100ft tall
11000ft. Nov. 1928. Yunnan.

17363 *Photinia* sp? tree 12-20ft.
red as are the leaves in autumn,
Nov. 1928.

17364 *Daphne* sp? shrub 5-6ft.
at Yamada Pitun river valley

17365 *Cotoneaster* sp? shrub 10ft.
at Kere north of Pichu, Tzech.

17366 *Rhod.* sp? shrub 10-15ft.
at base, flowers red? fruits
on way to Mt. Siga, elev 13000ft.

17367 *Picea* sp? trees 150-200ft
forms magnificent forest, trunk.

17368 *Aquifoliac.* shrub 6-8ft. leaves
forest below Mt. Piboh south.
Jan. 1929.

17369 ~~Abies~~ *Picea* sp? trees 100ft.
camp elev. 10000ft elev. Jan. 1929
Collected Yunnan province Pitun

17370 *Primula* sp? flowers bluish

large deep bluish black. - forests
Nov. 1928. Seed coll.

- forests above Ndaza ndu elev.

fl. greenish white, fruits a brilliant
- forests at Peshu elev 10500ft.
Seed coll.

flowers white not fragrant. - pine forest
elev. 10000ft. Dec. 1928.

fruits globose a brilliant red, elev. 9500ft.
Yamunip - Kulu, Dec. 1928.
Seed coll.

leaves ovate acute at apex rounded
very large, - fir forest north of Kulu
Dec. 1928. Seed collect.

- forests below Mt. Piboh elev. 12000ft
5ft - diam. January 1929. Tzech.
photogr. trees.

holly-like, fruits a brilliant red.
slopes along watercourses, elev. 11500ft.
Seed coll.

- limestone gorge back of Rendjou
with *Pinus amurica* and *Quercus semecarp.*
snow range, Peshu - Heshu. March
eye yellow moist meadows
10000ft. Peshu.
1929.

- 17371 cushion plant - gravel along stream Teshui, flowers pale pink. Unicate. ~~Screen-colored.~~
- 17372 Composite same loc. as 17371. Unicate
- 17373 ~~Primula~~ *Forresti*, limestone of cliffs Teshui, 10000ft.
- 17374 Crucifer, flowers magenta-pink grey clay in streambed of Teshui 10000ft.
- 17375 *Primula soucheifolia* wavy forest of Teshui, elev 11000ft. fir and spruce forest.
- 17376 *Primula* sp? leaves small serrate, flowers bluish with yellow eye. meadows of Teshui 10500ft.
- 17377 *Pyrus* sp? (wild plum) open forest of Teshui, elev. 10500ft. flowers white
- 17378 *Primula* sp? flowers bluish meadows 11500ft & larch forest. at You Kuei Ko. Yangtze loop.
- 17379 *Primula* sp? flowers bluish leaves elliptical serrate, same loc. as 17378
- 17380 *Primula* sp? flowers pale blue, same locality as 17378

- 17381 *Rhododendron* sp? shrub 10-15 ft. flowers bluish purple. very handsome one to rich pink dry gulch of "Laetrol" Yangtze, elev 9500 ft. March 1929.
- 17382 Rosae. tree very handsome flowers a rich cream color, tree 15-20 ft. same loc. as 17381
- 17383 *Rhododendron* sp? similar to 17381 and same locality but flowers very pale pink.
- 17384 *Bombax malabarica*? at Laka shülin banks of Yangtze 5800 ft.
- 17385 Oleac. shrub 6-8 ft. flowers white fragrant, dry slopes of Jauwua. elev 10000 ft.
- 17386 *Meconopsis*? sp? flowers blue leaves lobed, - pine forest elev 10000 ft.
- 17387 *Hypericum* sp? flowers yellow yellow, same locality as 17387
growing in many brooks. April 1929. August, elev 9800 ft.
- 17388 plant 2 1/2 - 3 ft tall flowers yellow, same locality as 17387
- 17389 *Lysimachia* flowers white Yangtze plain. August 1929.
collected - South-west Yunnan. Uuli territory April 1929.
- 17390 Lauraceae tree 15 ft. flowers yellow (part) of Uedji, elev 10000 ft.

- 17391 Composite, flowers pinkish
 elev 12500ft. April 1929. brown, to white - gravel on Mt. Pibbo
- 17392 Rhododendron sp.? shrub 3-4 ft.
 of Sili near Kuli, elev. 10000ft. flowers rich pink. - dry pine forests
 April 1929
- 17393 Rhododendr. sp.? shrub 2-3 ft.
 as no 17392 flowers deep pink same locality
- 17394 Rhododendron sp.? tree 10-15 ft.
 to cream colored with pinkish
 at Djago. leaves silvery beneath flowers white
 tinge, also pure white - forest of
 spruce 11000ft.
- 17395 Oleaceae. sp.? shrub, flowers
 white, outskirts of forests. same
 loc. as 17394
- 17396 Primula soucheifolia - fir
 elev 12000 - 13000ft - forest. forest between Djago and Kulu
 moss.
- 17397 Composite flowerheads yellow
 between Djago and Kulu on trail and edge of forests, 12500ft.
 April 1929
- 17398 Primula soucheifolia - forest
 see negative no 47831 of spruce - moss north of Kulu elev
 12500ft April 1929.
- 17399 Primula sp.? flowers bluish,
 eye yellow, meadows north of Kulu
 11500ft April 1929.
- 17400 Primula pitoniensis? - meadow
 north of Kulu of Yesti Koup elev. 10500-11000ft.
 August 1929.

- 17401 *Tricentula* sp. flowers deep orange yellow, in shade on limestone cliffs at Druccinindzouka - Yeti valley 9800ft. April 1929. Flowering
- 17402 same as no 17401 fruiting same place. fruiting, Aug. 1929.
- 17403 *Pedicularis* sp. flowers deep purple. - meadows of Yeti Kang, elev. 10000ft north of Kulu. August. 1929
- 17404 *Picea* sp. ^{*likiangense* Brit.} trees 100-150ft. forming beautiful forests, see photo, north of Yeti Kang. April 1929
- 17405 *Lilium* sp. in pine forests of Tuidje (unli) elev 10000ft. Aug. 1929 flowers white spotted purple.
- 17406 *Marina* sp. flowers white meadows of Mt. Sibboh elev 11000ft. unli territory. Aug. 1929.
- 17407 Composite, flowerheads yellow same locality as no 17406
- 17408 *Gentiana* sp. herb. flowers yellowish green, same locality as no 17406.
- 17409 *Aster* sp. same loc. as 17406. Aug. 1929
- 17410 herb, flowers purplish, meadows of Mt. Sibboh 11500ft. *Mentha* unli territory Aug 1929

17411 *Parucassia*: flowers white

meadows of Ape mt. Piboh. 12000ft.
August 1929.

17412 herb flowers purple same

locality a. no 17411.

17413 *Scutellaria* herb, flowers deep

steel blue same loc. a. 17411.

17414 *Lesqueriac*? herb flowers white
river valley below Nuli' elv

on moist shady banks in Pihang
8000ft. Aug 1929.

17415 *Rhododendron* sp. flowers pale
hemibichotum B. & Torr.
between Dgaon Kamp and Dohioki
specimens. April 1929. color plate 439.

17416 *Rhododendron* sp. shrub 4-5ft.
Nuli, April 1929. flowers

pink in pine forests of Dgaon Kamp
Kamp Kuler territory photo by this
National Geographic Society.

in pine forest of Dgaon Kamp south of
purplish blue!

17417 *Rhododendron* sp. shrub 4-5ft.
valley of Dgaon Kamp in pine

photographed this species together with 17415
forest. April 1929. flowers deep purplish
pink.

17418 *Rhodod.* sp. shrub 4-6ft.

flowers pale lavender, valley of Dgaon
near stream 10000ft. April 1929

17419 *Sophora* sp. flowers white at Nuli
May 1929.

along the Jalump page, elev. 9800ft.

17420 *Tricula* sp. flowers white on
ditches, elev 7800ft Jalump

water sprayed cliffs at Nuli along
page May 1929.

- 17421 herb flowers white grassy slopes
Bawong, Yalung gorge.
- 17422 Bignoniac. plant flowers
Yatsa Kung same locality
- 17423 Leguminous shrub 5-8 ft. flowers
purplish pink, same loc. as 17421.
- 17424 Primula sp? flowers purplish
Yatsa Kung (valley) elev.
- 17425 Legume, terrestrial twiner,
flowers purplish blue. elev 11000 ft
- Yatsa Kung, July, 1929
- 17426 Rhododendron sp? shrub 2-3 ft.
Taticien border ~~10000~~ ft. east of
above Moudou.
- 17427 Composite, pine forest of Seyain.
Yalung watershed. 10000 ft.
Kung Chien lung hsien territory,
May 1929.
- 17428 Rhododendron shrub 4-5 ft.
- Bruidokung near Chien
flowers pale yellow. under spruce trees
lung hsien. 10600 ft. May 1929.
- 17429 Rhododendron sp? shrub 10 ft.
flowers deep purple. Bruidokung
May 1929.
- 17430 Rhodod. sp? tree 15 ft. flowers
whitish pink, valley of Bruidokung
near Chien lung hsien.
~~May~~ May 1929.

- Yatsa Kung Kuli territory opposite
July 1929.

purplish blue shady banks -
as 17421

purplish pink, same loc. as 17421.

blue dry banks - pine forest -
11200 ft. July 1929.

flowers purplish blue. elev 11000 ft
- Yatsa Kung, July, 1929

alpine region of Wadgauron Kuli -
Yalung. flowers pink ¹⁴⁰⁰⁰ 15000 ft.

Kung Chien lung hsien territory,
May 1929.

flowers pale yellow. under spruce trees
lung hsien. 10600 ft. May 1929.

flowers deep purple. Bruidokung
May 1929.

whitish pink, valley of Bruidokung
near Chien lung hsien.
~~May~~ May 1929.

- 17431 Rhododendron shrub 10 ft.
near junction of Wushi stream
flowers purple, valley of Buidokang
elev 10500 ft. May 1929.
- 17432 Rhododend. sp? shrub 4-5 ft.
of Yalung Nuni territory
flowers white-pinkish.
alpine region of Dzangpimran, east
elev 12500-14000 ft. May 1929.
- 17433 Selaginella sp. dry rocky cliffs
along Chiu lung hsiu stream
Chiu lung hsiu 10000 ft. May 1929
- 17434 Acer sp? tree 15-20 ft same
loc. as 17433.
- 17435 Rhodod. sp. small tree 10-15 ft.
on banks of Chiu lung hsiu
flowers rich pink with purplish tinge,
stream, Chiu lung hsiu.
- 17436 Composite on cliffs of Chiu lung
hsiou with no 17433.
- 17437 herb flowers white - marshy
of hsiu. 11600 ft.
meadows at Tanchu north of Chiu lung
- 17438 Primula sp? flowers a rich pink
common north all the way to Tanchu
in marshy meadows at Tanchu elev. 11600 ft
blue on drying. May 1929
- 17439 Juniperus sp? shrub 5-6 ft. -
Hsiu elev 11400 ft. May 1929.
Shanhu langpa north of Chiu lung
- 17440 Rhodod. sp? shrub 4-5 ft, also 3 ft
same locality as 17439 with spruce.

17441 Rhodod. sp? flowers pink shrub 3-4 ft. Shachu longba elev. 11400 ft. May 1929

17442 Rhodod. sp? shrub 2-3 ft. flowers deep purple. at Seon fomba near head of Yanwekang 13000 ft elev. May 1929

17443 Rhododendron sp? tree 10-15 ft. 12000 ft. May 1929, flowers pale pink - in forest of Yanwekang near Seonpomba large.

17444 Picea sp? tree 60-80 ft. forest of 12500 ft. May 1929 Yanwekang near Seonpomba, elev.

17445 Trunus sp? tree 25 ft. forest of Yanwekang near Seonpomba, elev 12000 ft. May 1929

17446 Prunella sp? flowers yellow, south of Seonpomba rare. - shade on cliffs in Yanwekang elev 11500 ft. May 1929.

17447 Berberis sp? shrub 5 ft. Valley of Yanwekang at Shai-tien elev 9000 ft. May 1929

17448 Thuja orientalis shrubs or small trees wild on dry rocky slopes in Yanwe -
Kong same loc. as 17447

Collected on Chiprin la elev 15900 - 16300 ft. south of Phengtai, July 1929.

17449 Composite rosettes - gravel at summit pass of Chiprin la.

17450 Saussurea sp? - gravel and scree 16300 ft.

- 17451 *Androsace*, - gravel and clayey banks near pass 16000ft.
- 17452 Cruciferac plant flowers pink in scree on Chipirula 16300ft.
- 17453 *Asclepiadaceae* flowers pale lavender among rocks on Chipirula 16000ft
- 17454 *Pedicularis* sp? flowers purple in swampy meadow on Chipirula 16000ft.
- 17455 *Androsace* sp? flowers white same loc. as 17454
- 17456 *Primula* sp? on swampy meadows on Chipirula 16000ft.
- 17457 Crucifer, meadows near Chipirula, elev 15500ft. fl. yellow
- 17458 *Omphalogramme* sp? flowers indigo blue, on grassy slopes north of Chipirula - Chemptai 15000ft.
- 17459 *Rhodod.* sp? flowers yellow, bushes 2-3ft. at Chemptai, elev. 13000ft.
- 17460 *Draba*? flowers yellow same locality as 17458.

17461 *Triumfa* sp? flowers pinkish - blue, on moist gravel on Chigimla
elev. 16300ft. July 1929.

17462 *Triumfa* sp? flowers reddish purple, along streams ~~in~~ west of
Chigimla (rare!). elev 14000ft.

17463 Composite fl. yellow. same loc. as 17462

17464 *Androsace* sp? cushion plant. pink. photographed this plant
elev 14000ft. May 1929 on limestone rocks and banks, flowers
veg. no. ⁴⁷⁹³⁴ color pl. no. } National Herbarium
217954

17465 herb flowers white - meadows at Chingtsi 13000ft.

17466 *Leontopodium* sp? *chingtsi* vally grassy banks 13500ft

17467 *Pedicularis* sp? flowers purple same loc. as 17466.

17468 *Androsace* *spinulifera*? flowers pink same loc. as 17466

17469 *Corydalis* flowers yellow with *Rhododendron* bushes -
Chingtsi vally elev 14000ft. July 1929.

17470 *Rhodod.* sp? flowers yellow at Chingtsi and ^{upper} entire Chingtsi vally
forming the sole shrub. 14000ft. July 1929

17471 Rosae. herb flowers yellow

in meadows of Chemp tai valley
13000 ft. July 1929

17472 herb flower pale yellow

bracts purplish same loc. as 17471.

Collected at Yulongshi in the

hills back of Kintan puran 14000 -
to 15000 ft. July 1929

17473 Rhodod. sp. shrub 6-8 ft. flowers

white spotted purplish 14000 ft. elev.

17474 Primula sp. flowers purplish
Yulongshi 13500 ft.

red, on grassy banks and cliffs at

17475 Androsace sp. flowers pinkish

purple, same loc. as no 17474

17476 herb, flowers reddish brown

same loc. as no 17474

17477 Rhododendron sp. shrub 1 ft
hills at 15000 ft. elev. and higher

flowers bluish purple prostrate on grassy
in the valley at Yulongshi.

17478 Rhododendron sp. similar to

17477 same loc.

17479 Pedicularis flowers yellow grassy

slopes Yulongshi 13500 ft

17480 Pedicularis fl. purple,

same loc. as 17479

- 17481 *Primula* sp. (*Dryadifolia*?)
15600ft elev. Yulongshi
flowers pinkish purple, on rocks at
western hills. July 1929
- 17482 *Rhodod.* sp. flowers yellow
valley of Yulongshi 14000ft.
- 17483 *Primula* sp. flowers yellow.
elev 13400ft. July 1929
on grassy banks near Rindsupuran
- 17484 herb flowers white - swampy
meadows of Yulongshi 13400ft.
- 17485 herb fl. purplish blue,
Gentianaceae?
grassy slopes Yulongshi 13400ft
- 17486 *Audrosace*, sp? flowers bluish
purple, alpine regions elev 15000ft
Yulongshi.
- 17487 Rosac. herb flowers yellow
same loc. as 17485.
- 17488 *Myosotis*, sp? flowers forgetive.
not blue, on rocks and crags, elev. 16000ft.
- 17000ft. Yulongshi. July 1929
- 17489 *Rhodod.* sp. shrub 2-3ft.
15500ft. Yulongshi,
flowers deep purplish blue, elev.
hills. July 1929
- 17490 *Rhodod.* sp. flowers large
pale blue, same loc. as 17489.

- 17491 Rhodod. sp? shrub 2-3 ft. flowers small ^{deep} yellow, same loc. as 17490.
- 17492 Rhod. sp? shrub 2-3 ft. flowers whitish to pale yellow. same loc. as no 17491
- 17493 Crassul. herb, on rocks and y cliffs elev 15000 ft flowers purplish yellow. Yulongshi.
- 17494 Caragana sp. shrub 2-4 ft. flowers yellow, hills of Yulongshi 14000 ft.
- 17495 Allium sp? flowers yellow slopes Yulongshi 13000 ft. among Rhodod. bushes on grassy July 1929
- 17496 Lilium sp? flowers yellow, meadows of Yulongshi; elev 14000 ft.
- 17497 Libiraea? along stream and hills - Yulongshi; elev. 18400 ft.
- 17498 Androsace sp? flowers pinkish purple meadows of Yulongshi; elev 13500 ft.
- 17499 Primula sp? flowers bluish - near Rindsu pura elev. purple on cliffs - Yulongshi valley 13400 ft. July 1929.
- 17500 Rosae. herb. flowers yellow, meadows of Yulongshi; elev. 14000 ft July 1929

17301 *Lepum* sp. flowers blackish
slope of Yulampshi, elev.

purple (large rootstock) prairie
15000ft. July 1929

17302 *Rhodod* sp? shrub 2-3ft.

flowers white, hills of Yulampshi
14500ft.

17303 *Ranunculus* sp? flowers pale

yellow, same loc. as no 17302

17304 *Anemone* sp? flowers blue,
Yulampshi.

alpine meadows 15800ft. - 16000ft.

17305 *Primula* sp? flowers purplish

red, alpine meadows 16500ft
Yulampshi.

17306 Composite, fl. orange red,

alpine meadows 15000ft.
Yulampshi.

17307 *Potentilla* sp? fl. large yellow

shrub 3-4 ft. hills and valley of
Yulampshi, elev. 14000ft.

17308 *Primula* sp? flowers yellow,

along brooks Yulampshi, elev
14000ft. July 1929.

17309 *Rhodod* sp? shrub 1-2ft. flowers
14500ft.
Collected in Rinchi valley a branch
of Tatsienlu district.

of the Jesilangpa, north of the Jesila, July 1929.
white at foot of Rinchi glacier, elev

17310 *Allium* sp? flowerhead reddish
ice elev. 16000ft upper Rinchi,

yellow, - gravelly stream bed among
near Ben Rinchi ca. July 1929.

- 17511 Rhodod. sp? shrub 4-8 ft.
glacier 15000 ft. flowers white at foot of Riechi
- 17512 Caragana sp? shrub 1-2 ft.
grassy slopes of Riechi valley flowers pale yellow pinkish tinge,
15500 ft.
- 17513 Rhodod. sp? flowers purplish
pink same loc. as no 17511.
shrub 2-3 ft.
- 17514 Primula sp? flowers purplish
red, grassy slopes and gravelly banks
Riechi glacier.
- 17515 Ranunculus sp? shrub 3 ft. flowers
yellow, Riechi valley 13800 ft
- 17516 Salix sp? shrub 1-2 ft.
Riechi valley 15000 ft.
- 17517 Primula sp? forming cushions,
scrub elev 15000 ft. Riechi flowers rich purplish red in Rhodod.
- 17518 Rhodod. sp? shrub 1-2 ft. fl. deep
purplish blue large, glacier of Riechi
15000 ft.
- 17519 Rhodod. sp? shrub 1-2 ft.
no 17518. leaves very small, flowers blue, pink
- 17520 Primula sp? flowers purplish
blue, moist banks - Riechi valley
elev. 15200 ft.

17521 *Primula* sp? alpine region of
& blue.

17522 *Primula* sp? flowers cream - color
glacier 15200ft.

17523 *Primula* sp? flowers deep

17524 *Pedicularis* sp? flowers yellow

17525 *Ronicera* sp? shrub 1-2ft

17526 *Salix* sp? Rinchivalley 15000ft.

17527 *Anemone* sp? meadows of

17528 *Anemone* sp? " "

17529 *Salix* sp? prostrate shrub -

17530 stout herb, flowers purplish

Rinchi 16000ft elev. flowers purplish

red, meadows near mouth of Rinchi

purple - company with 17522.

with 17521.

flowers yellowish Rinchi valley
elev. 14800ft.

Rinchi 14500ft. fl. white

" " " yellowish smaller.

streambed of Rinchi 15200ft.

green meadows of Rinchi elev
14500ft.

17831 Composite, flowers greenish

purple, meadows of Riechi, elev
14000ft.

17832 Rhodod. sp? shrub 1-2 ft.

flowers white, glacier of Riechi
15000ft.

17833 Leguminosae plant, flowers

pale yellowish green, valley of
Riechi streambed 14200ft

collected in Jesi Langpa north

of the Jesi-la and south of Tatsienlu, July 1929.

17834 Rhodod. sp? shrub 2 ft. flowers

deep purplish blue, elev 14000ft.

17835 Rhodod. sp? shrub 1-2 ft. flowers

large pale blue, elev. 14000ft.

17836 Primula Wardii? flowers pink
seen in the Jesi Langpa, 13500ft

fragrant swampy banks of stream

17837 Cotonaster, prostrate shrub,

on rocks - Jesi Langpa, elev 13500ft.

17838 Cotonaster sp? shrub 4-5 ft.

Jesi Langpa 13500ft.

17839 Primula sp? flowers purplish

& wine-colored, among shrubs in
streambed of Jesi Langpa 13500ft.

17840 Primula sp? flowers small

purplish blue, meadows of Jesi Langpa
12500ft.

- 17541 *Ribes* sp.? shrub 5-8 ft. at
 17542 *Geranium* fl. purplish,
 17543 *Aconitum* sp.? flowers white
 17544 *Berberis* sp.? shrub 4 ft. fl. yellow
 17545 *Pedicularis* sp.? fl. purple
 17546 herb fl. white same loc. as 17542
 17547 *Primula* sp.? flowers yellow
 17548 *Primula wardii* flowers pink
 Jesilongba 12500 ft.
 17549 *Primula* sp.? flowers bluish-
 17550 *Fritillaria*, flowers dull

Yulingpang north of Tatsienlu
 11500 ft.

meadows at Yulingpang

same loc as no 17542.

Yulingpang 11000 ft. elev.

loc.
 same as no 17542

along tracks at Yulingpang 11500 ft.

to purplish. swampy meadows at

purple, ~~at~~ near Jesile 15000 ft.
 upper Jesilongba.

purple spotted greenish, grassy slopes
 upper Jesilongba 15000 ft.

- | | | |
|-------|--|---|
| 17551 | <i>Aureococcus</i> sp? flowers white
below Jesila. 15000ft. | blue beneath, alpine meadows |
| 17552 | <i>Prunella</i> sp? flowers pale | pink swamps upland of Jesilangba
elev 14500ft. |
| 17553 | <i>Prunus</i> sp? flowers pale pink | Yulinggang 11000ft. |
| 17554 | <i>Cardamine</i> sp? flowers cream | -to pink, Jesilangba 14500ft. |
| 17555 | <i>Rhodod.</i> sp? shrub 3-5ft flowers | white Jesilangba elev. 15000ft. |
| 17556 | <i>Rhodod.</i> sp? shrub 4-6ft. | flowers white Jesilangba 14500ft |
| 17557 | <i>Rhodod.</i> sp? flower bluish | shrub 2 ft. " " |
| 17558 | <i>Rhodod.</i> sp? shrub 4-5ft | flowers white " " |
| 17559 | <i>Rhodod.</i> sp? shrub 3-4 ft | flowers deep purple " " |
| 17560 | <i>Rhodod.</i> sp? shrub 10ft. | flowers white pinkish Jesilangba
14600ft. |

erubescens Hutch.

17561 Rhodod. sp? tree 12-15 ft.
no. 48178

flowers large drooping pale
pink, Jesilangba 13500 ft. ~~17561~~
May 1929. photo with Noel Holmgren.
small purplish blue, - canyon

17562 Rhodod. sp? shrub 1-2 ft. flowers
with 17561

flowers deep pink, same loc. as
17561.

17563 Rhodod. sp? shrub 6-8 ft.

17564 Rhodod. sp? tree 10 ft. fl. white

same loc. as 17561.

17565 Rhodod. sp? shrub 5-6 ft. flowers

purplish pink Jesilangba 13500 ft.

17566 Rhodod. sp? shrub 3 ft. flowers

deep purple. " "

17567 Rhodod. sp? shrub to small

trees 15 ft. flowers a rich pink.
Jesilangba 13500 ft.

17568 Rhodod. sp? shrub or tree 10-15

fl. white Jesilangba 13000 ft.

17569 Rhod. sp? small tree 12 ft.

fl. white small " "

17570 Rhodod. sp? shrub 10 ft.

flowers purple Jesilangba 11500 ft.

17571 *Corydalis*, flowers ultramarine
elev 14500 ft. May, 1929

17572 *Primula* sp. flowers pale yellow

17573 *Primula* sp. flowers yellow
among shrubs of willows etc

17574 fleshy herb flowers pink

17575 *Lonicera* sp. shrub 4-5 ft.

17576 *Rhodod.* sp. small tree 5-8 ft.

17577 *Rhodod.* sp. shrub 1-2 ft.

17578 *Rhodod.* sp. shrub 10 ft.

17579 collected at Yulingpang -
Lonicera sp? shrub 5-6 ft. fl.

17580 *Pyrus* sp? tree 15 ft. flowers

blue below Jesila at Tsidji top

same loc. as 17571

below Jesila, elev 14500 ft.
opposite Riechi

in shade under bushes 12500 ft
Jesilangpa.

flowers dull yellow, Jesilangpa
12500 ft.

flowers whitish pink to purplish
Jesilangpa 14500 ft.

flowers blue, Jesilangpa 13000 ft.

flowers pinkish purple, May 1929
Jesilangpa

Jesilangpa elev 11000. June 1929.
yellow.

white along stream

- | | | | |
|-------|--------------------------------------|-----------------------------------|---|
| 17581 | <i>Spiraea</i> sp? shrub 6 ft. | flowers white. | |
| 17582 | <i>Leptodermis</i> sp? flowers pink | along stream Yulinggang | 11000 ft. |
| 17583 | <i>Triumfa</i> sp? flowers yellow | meadow at Yulinggang | |
| 17584 | <i>Cardamine</i> ? flowers white | " " | |
| 17585 | <i>Populus</i> sp? small tree 15 ft. | Yulinggang | 11000 ft. |
| 17586 | <i>Rhodod.</i> sp? small tree | 10 ft. flowers pink very handsome | at the Yulinggang stream 11000 ft. |
| 17587 | <i>Ribes</i> sp? shrub 3 ft. | " " | " " |
| 17588 | <i>Rhodod.</i> sp? shrub 5-6 ft | flowers purple | " " |
| 17589 | <i>Betula</i> sp? bark white | tree 15 ft. | " " |
| 17590 | <i>Lauraceae</i> tree 15 ft. fl. | yellow | " " |

- 17891 *Eronymos* small shrub 4 ft. flowers greenish. Yuliang pass
 11000 ft ~~mountain~~ of Tatsienlu June 1929.
 collected around Tatsienlu June 1929. elev 9500 - 10000 ft.
-
- 17892 *Paeonia* sp? flowers pink & purplish on grassy slopes among bushes.
 9500 ft.
- 17893 *Syringa wilsoni*, flowers lavender fragrant. Tatsienlu.
 shrub or small tree 10 - 15 ft.
- 17894 *Rhodod.* sp? shrub 5 ft. flowers purple, mountains around Tatsienlu
 11000 ft.
- 17895 *Rhodod.* sp? shrub 4 ft. fl. pink. " " "
- 17896 *Primula* sp? flowers pinkish-blue rock walls around Tatsienlu 9500 ft.
- 17897 *Cypripedium tibeticum* flowers red-dish purple dark striped. grassy slopes around
 Tatsienlu 11000 ft.
- 17898 *Daphne* sp? flowers yellow fragrant. shrub 1-2 ft. mountains
 around Tatsienlu 11000 ft.
- 17899 *Rhododendron* sp? shrub 3-5 ft. flowers hairy " " "
 deep purple branches and pedicels
- 17900 *Rhodod.* sp? shrub 3 ft flower " " "
 pale purplish pink

- 17001 *Ranunculus* sp. shrub 3-4 ft. flowers yellow mountains around Tatsienlu elev 11000 ft.
- 17002 *Ericac.* plant flowers white with pinkish edges. alpine region around Tatsienlu 13000 ft.
- 17003 shrub 4-6 ft. flowers a dirty white common along streams near Tatsienlu elev. 10000 ft.
- 17004 *Crataegus*? tree 15 ft. flowers white " " "
 Collected on the Niingya snow range - Tsankulungpa east of Jurlonghui; 11800 ft. June 1929.
- 17005 *Sorbus* sp? tree 10-15 ft. valley of Tsankulungpa. flowers white.
- 17006 *Populus* sp? tree 100 ft. valley of Tsankulungpa.
- 17007 *Prinula* sp? flowers yellow, dry grassy banks of Tsankulungpa.
- 17008 shrub 6-8 ft. flowers white.
- 17009 herb flowers white " " "
- 17010 herb flowers white - field of Tsankulungpa.

Collected in Tsanku longpa

Niingpa snow range
elev 11800 ft.

- 17611 Senecio. sp? fl. yellow.
- 17612 Potentilla sp? fl. "
- 17613 Sorbus sp? tree 15 ft. fl. white
- 17614 Lonicera sp? shrub 6-8 ft. flowers
- 17615 Lonicera sp? shrub 5-8 ft.
- 17616 Clematis sp? fl. white climber.
- 17617 Leguminous plant flowers
- 17618 Prunus sp? tree 15 ft. flowers
- 17619 Sorbus sp? tree 10 ft fl. white
- 17620 Meconopsis sp? flowers steel

- fields and meadows.

" " "

valley of Tsanku.

purplish red.

flowers yellow.

pale yellow, grassy banks.

pink. along stream

blue grassy slopes of Tsanku longpa
elev 11900 ft.

17621 Composite flowers deep orange

- field and meadows of Tsauher
Langba.

17622 Pedicularis, flowers purple

forest meadows at 12000 ft.

17623 Rhodod. sp.? shrub 2-3 ft.

flowers pink grassy slopes.
11800 ft.

17624 Gentzia sp.? flowers white

17625 Cypripedium tibeticum

grassy slopes

17626 Lonicera sp.? shrub 3-4 ft.

flowers pale yellow

17627 Clematis sp.? flower white

on bushes.

17628 Rosa sp.? flowers white

shrub 6-8

Kouba Langba on Nyinga Kouba

snow range, east of Yulouphui.
June 1929.

17629 Rhododendron sp.? tree 10 ft.
- oak forest of Kouba Langba.

15 ft. flowers a rich pale pink.

17630 Rhododendron sp.? flowers pale
shrub 6-8 ft.

pink, same loc. as 17629.

17631 *Sorbus* sp.: tree 10-12 ft.

Collected on central spur dividing
on the Niinpa Kouka return

17632 *Cladonia* sp.: grassy slopes

17633 *Lilium* sp.: flowers yellow

17634 *Primula* sp.: flowers bluish
among Rhodod. scrub and among

17635 *Primula* sp.: flowers purplish

17636 *Saussurea* sp.: among slate

17637 *Androsace* sp.: flowers pink

17638 *Meconopsis* sp.: flowers deep

17639 herb fl. yellow among grass

17640 *Meconopsis* sp.: flowers deep

17640a

Umicate

flowers white oak (rest of)

Kouka Langba 12500 ft.

Kouka Langba from Buchi Langba
range.

flowers white elev. 14000 ft.

grassy slopes 14500 ft.

petioles and lower leaf blades red.
rocks at 16000 - 16500 ft. elev.

on gravelly slopes 16500 ft.

at 17000 ft.

grassy slopes 16000 ft.

bluish purple grassy slopes 15300 ft.

and barbers elev 16000 ft.

purplish blue same loc. as 17638.

17641 *Primula* sp.? flowers bluish purple, among rocks 16500 ft.

17642 herb fl. yellow among slate at 17200 ft
Uniccate

17643 herb fl. white " " " "

17644 *Primula* sp.? tiny plant, flowers bluish among slate at 17200 ft.
Uniccate

17645 *Potentilla* sp.? fl. yellow, among crags at 17000 ft.

17646 shrub fl. white, Kouka langpa 13000 ft.

17647 *Primula* sp.? flowers bluish pink, gravelly slopes 15600 ft.

17648 *Anemone*, sp.? fl. pale lavender among rocks 15500 ft.

17649 *Potentilla* sp.? fl. yellow, elev. 15000 ft among gravelly and grassy slopes.

Collected at the village of Tseuni
17650 *Spiraea* sp.? shrub 4 ft. fl. white at the foot of Tseuni langpa Niing Kouka. June 1949.
along Tseuni stream

- 17631 *Rosa* sp. shrub 4-6 ft. fl. white. Tseemi'langba 12000 ft.
- 17632 *Sorbus* sp? tree 15 ft. fl. white " " "
- 17633 *Lonicera* sp? shrub 3-4 ft. flowers pale yellow. " " "
- 17634 *Primula* sp? flowers bluish purple, upper Tseemi'langba 14500 ft.
- 17635 *Rhododendron* sp? shrub 4-5 ft. flowers white Tseemi'langba 14500 ft.
- 17636 *Rhododend.* sp? shrub 6-8 ft. - spruce forest elev. 12800 ft. Tseemi'langba.
- 17637 *Rhod.* sp? shrub 3-4 ft. flowers pink Tseemi' 12500 ft.
- 17638 *Rhod.* sp? " " " white " "
- 17639 *Primula* sp? flowers large bluish purple eye dark blue, gravelly slopes of Tseemi'ta 13900 ft.
- 17640 *Pedicularis* sp? flowers purple grassy slopes Tseemi'valley 15000 ft.

Collected on Tseuila

- 17661 Primula sp? flowers purple
- 17662 Primula sp? flowers large
- 17663 Rhod. sp? shrub 1 ft. flowers
- 17664 herb, flowers yellow summit
- 17665 Legume, flowers deep blue,
- 17666 Primula sp? fl. purplish red
- 17667 Primula sp? fl. pinkish, blue.
- 17668 Corydalis sp? flowers yellow
- 17669 Androsace sp? flowers white
- 17670 Legume flowers pinkish blue

Ninnya Kouka elev. 15900 ft.
June 1929.

- on gravelly slopes Tseuila.
- bluish pink gravelly wet slopes
15900 ft.
- dark indigo blue Tseuila 15600 ft.
- of Tseuila 15900 ft.
- " " "
- Tseuilaoupa in banks along
trail 14000 ft.
- on wet gravel Tseuilaoupa
14000 ft.
- Tseuilaoupa grassy slopes 14000 ft.
- spruce forest Tseuilaoupa
13500 ft.
- Tseuila, 15000 ft.

Collected in Pambur Langpa
which leads to the Tsemita

a lateral valley of Gulangshi
at Minya Kanka June 1929.

- 17671 prostrate herb, flowers
17672 Primula sp? flowers purplish
17673 Primula sp? flowers yellow
17674 Anemone sp? flowers red
17675 Meconopsis sp? flowers deep
17676 Anemone, flowers yellow,
17677 Anemone sp. fl. white purplish
17678 herb, flowers greenish brown.
Collected in Tsemita Langpa below
17679 cushion plant flowers white
17680 Primula sp? gravelly slopes

lavender purple, elev 14500ft.

red among willow bushes ~~at~~
along stream bed.

in company with 17672

below Tsemita in Pambur Langpa
15000ft.

blue, grassy slopes in ~~Tsemita~~
Pambur Langpa 15000ft.

same loc. as 17675

purple, same loc. as 17675

grassy and gravelly slopes 15000ft.
Tsemita, Minya Kanka. June 1929.
among rocks on Tsemita 15900ft.

Tsemita Langpa 14500ft.
flowers pinkish blue.

- | | | |
|-------|---|--|
| 17681 | <i>Primula</i> sp? flowers yellow | Tseem'longpa 13500ft.
meadows. |
| 17682 | <i>Androsace</i> sp? flowers pale
Tseemilangpa elev 15000ft. | pink to white gravelly slope |
| 17683 | <i>Necocopsis</i> sp? flowers purple | blue. Tseemilangpa 15000ft. |
| 17684 | <i>Caragana</i> sp? shrub 1-2 ft. | fl. cream-colored pinkish, Panber-
longpa 14500ft. |
| 17685 | <i>Rouicera</i> sp? shrub 3-2 ft. | flowers lemon yellow along
brooks at Tseem; 13000ft. |
| 17686 | <i>Spiraea</i> shrub 3 ft fl. white | Tseem'village. 13000ft. |
| 17687 | <i>Spiraea</i> sp? shrub 3-5 ft. " | " " " |
| 17688 | Composite flowers orange.
Collected on spur between Kouka | " " " fields. |
| 17689 | <i>Aconitum</i> sp? flowers maroon | longpa and Beechi longpa Ni'nyg
June 1929. Kouka.
colored among boulders. 16000ft. |
| 17690 | <i>Necocopsis</i> sp? flowers blue | to elev. 15500ft. grassy slopes. |

Souleii

{ neg. no. 48128 nat. Geogr. Soc. personal no of

17691 Rhododendron sp? tree 10 ft. Common around Kouka photographer has species bot

17692 Legume flowers blue on Buchu langba (Mingya

17693 Rhod. sp? shrub 1-2 ft. flowers

17694 Legume fl. dark reddish

17695 Androsace sp? flowers pale

17696 Myosotis sp? flowers sky blue

17697 Cushion plant flowers white

17698 Primula sp? flowers red

17699 Cleucatis flower yellow

17700 herb flowers reddish, alpine

negative 1325. Color Plate 589

flowers a rich pale pink, Gamba - Kouka langba elev 13400 ft. color plate and paccchamati June 1929.

spur between Kouka langba and Kouka) 16000.

white Mingya Kouka 16000 ft.

purple. grassy slopes Mingya Kouka 15000 ft.

pink, among rocks 15500 ft. Mingya Kouka.

among bawbers, 17200 ft. Mingya Kouka.

" " "

wine colored - cushions, a gravelly ~~soil~~ and rich soil elev 15000 ft.

at Kouka pamba. Mingya Kouka, elev 15000 ft. June 1929.

regions of Jesila 14300 ft.

Collected below Jesila 14000

- 14000 ft. - Jesilangba
June 1929.

- 17701 *Geophalum* sp. below Jesila 14500 ft. June 1929.
- 17702 *Primula* sp. flowers yellow on grassy banks
- 17703 *Rhodod.* sp. shrub 1 ft. fl. deep purplish blue, elev 15000 ft.
- 17704 *Anemone* sp. flowers white bluish beneath, alpine region 15500 ft.
- 17705 *Anemone* sp. " " alpine region 14500 ft.
- 17706 Composite fl. yellow, meadows of Kuechi valley elev. 14500 ft - 15000 ft.
- 17707 *Pedicularis* sp. fl. purple, meadows - upper Kuechi 16000 ft.
- 17708 *Anemone* sp. fl. white bluish beneath, elev. 15000 ft.
- 17709 *Pedicularis* fl. white & cream. col. keel purple, meadows below Jesila 15000 ft.
- 17710 *Neonopsis* sp. flowers large deep bluish purple grasslands of upper Yulonghai 15500 ft.

- 17711 Androsace sp? fl. pink,
grassy slopes below Jesita 16000ft.
June 1929
- 17712 Androsace sp? fl. white
same loc. as 17711
- 17713 Primula sp? fl. yellowish
under willow bushes 14000ft.
green, below Jesita - Jesitangba
- 17714 Primula sp? flowers rich yellow
in large umbels, same loc. as
17713.
- 17715 Primula sp? flowers yellow,
same locality as 17713.
- 17716 herb fl. deep yellow, below
Panine.
Jesita - meadows 15000ft.
- 17717 *Meconopsis integrifolia*
same loc. as 17716.
- 17718 *Rhodod. sp?* shrub 8 ft. fl. pinkish
purple. Jesitangba 13800ft.
- 17719 *Rhodod. sp?* shrub 5-6 ft. flowers
pink purplish tinge among
boulders of granite Jesitangba 15500ft.
- 17720 *Rhodod. sp?* flowers white
purplish tinge

- 17721 Rhod. sp? shrub 4 ft. flowers
purplish pink Jesilampba among
boulders 14500 ft. June 1929
- 17722 Rhod. sp? shrub 1-2 ft.
flowers pale blue, Jesilampba
elev 18500 ft.
- 17723 Rhodod. sp? tree 18 ft.
leaves large, flowers pink.
Jesilampba 15500 ft.
- 17724 Rhod. sp? shrub 1-2 ft.
fl. white small, Jesilampba 14000 ft.
- 17725 Monarda, sp? fl. purple.
meadows of Jesilampba 14000 ft.
- 17726 Rhod. sp? shrub 1 ft. flowers
deep blue, Jesilampba elev. 18500 ft.
- 17727 Rhod. sp? shrub 2-4 ft.
fl. purplish lavender to reddish
Jesilampba 13500 ft.
- 17728 Incarvillea sp? flowers deep
magenta red to purplish passing
gravelly slopes Jesilampba 14500 ft.
- 17729 Pedicularis sp? flowers purplish
pink same loc. as 17728
- 17730 Meconopsis integrifolia
Jesila elev 16000 ft.

- 17731 Rhodod. sp? shrub 1 ft. fl. deep bluish purple, Jesita 15300ft. - 16000ft.
- 17732 Rhod. sp? tree 15-18 ft. fl. white Jesilongba 14500ft.
- 17733 Rhod. sp? tree 12-15 ft. fl. white " "
- 17734 Rhod. sp? tree 10-15 ft. " " " "
- 17735 Rhod. sp? shrub 3 ft. fl. pale bluish purple. Jesilongba 13500ft.
- 17736 Rhod. sp? shrub 3-4 ft. fl. deep purple, " "
 Collected in Bölu longba below
 Chipin la elev. 14000ft. June 1929.
- 17737 herb, flowers greenish swampy meadows.
- 17738 Pedicularis, flowers yellow, "
- 17739 Iris sp? flowers blue in meadows under willow shrubs, at 13500ft.
- 17740 Iris sp? " white " " "

Collected below (south) of
en route to Uuski.

17741 Iris sp. flowers pale blue
goticocarpa Baker

17742 Rhodod. sp. tree 15-20 ft. -
and Bölelompba. 14500 ft.

17743 Legume sp. flowers purplish blue

17744 Rhodod. sp. shrub 6-8 ft. flowers

17745 Lilium sp. flowers green.

17746 Iris sp. flowers deep blue,

17747 Iris sp. flower bluish purple

17748 plant fl. purplish green

17749 Sorbus sp. tree 10-15 ft. -20 ft.

17750 Primula souchifolia forest of

Chiprin la in upper Bölelompba
June 1929.

in meadows. (see color plate
and paraphrastic.)

fir forest above junction of Chiechen

pass southwest of Bölelompba
15000 ft.

yellow, forests of Bölelompba.
13800 ft.

meadows of Bölelompba 14300 ft.

" " " "

" " " "

" " " " 13500 ft.

fl.? Bölelompba outskirts of forests
of spruce 13800 ft. June 1929

Bölelompba fir and spruce 14300 ft.
May 1929.

- | | |
|--|---|
| 17751 Rhod. sp? shrub 1/2 ft. fl. deep
Bölu langha near pass over | bluish purple. (upper) southern
Pombaya peaks 15000 ft. |
| 17752 Primula sp? fl. pink fragrant
var. <i>wardii</i> . | swampy meadows of Bölu langha
14000 ft. |
| 17753 Primula sp? same loc. as | 17751. |
| 17754 Morina sp? fl. rich pink
Uniculate | meadows of Bölu langha, elev. 13800 |
| 17755 Corydalis sp? flowers pale blue | " " " " |
| 17756 Primula sp? flowers purplish | blue " " " " |
| 17757 Juncovilla sp? fl. purplish
Uniculate | magenta " see plots & color plate |
| 17758 prostrate herb, flowers purplish | blue Pombaya peaks 15000 ft
south part of Bölu langha.
meadows. |
| 17759 Primula sp? flowers purple | " " " " |
| 17760 Rhod. sp? shrub 5-8 ft fl. white | pinkish tinge " " 14500 ft. |

- 17761 Labiate sp? flowers deep
below Gombaya pass
purplish blue, - black gravel
15000ft. June 1929.
- 17762 Primula sp? flowers bluish
elev. 13800ft.
lavender, meadows of Wushi pass
- 17763 Cassiope selaginoides Hook. & Thun.
Ericac herb. fl. white same
loc. as 17761. (see negative 47709
47708)
- 17764 Rhodod. sp? shrub 6-10ft. flowers
pale pink below Pambaya - spruce
forest 14800ft. June 1929.
- 17765 Legumin. plant flowers white
Langpa 15000ft.
~~the~~ meadows and forests of Bölu -
- 17766 Primula sp? fl. deep orange
Bölu Langpa 13500ft.
yellow, meadows and forests of
- 17767 Aucubaceae sp? flowers pink
on black gravelly slopes 15000ft.
~~the~~ Calophaca ~~crassicaulis~~ Baill.
pass to Wushi. June 1929.
- 17768 Legum. plant prostrate fl.
see negative 47708, 47709, 47710.
yellow, same loc. as 17767
- 17769 Saxifrag. plant flowers pink
- mossy forests same loc. as 17764
- 17770 Rhod. sp? shrub 4-6ft.
same loc. as 17764

- 17771 Androsace sp. flowers pink
Chipurin la elev. 15000ft
meadows. June 1929.
- 17772 Senecio sp? valley below
Chipurin la 14800ft.
- 17773 Androsace sp? valley of Mundju
south of Yulongshui. 13000ft.
- 17774 Gentellaria sp. fl. purplish
blue " " "
- 17775 Berberis sp? shrub 5-8 ft.
fl. yellow, leaves glaucous.
Mundju valley 13000ft.
- 17776 ^{harridula Hook. & Thos.} Meconopsis sp? spiny flowers
Mundju and Yulongshui 13500ft.
blue grassy slopes at junction of
photograph in species color plates
also panchromatic.
- 17777 Myosotis sp. cushion plant fl.
blue, among rocks 16000ft-17000ft
on Sen rou pass northeast of Baerong
July 1929.
- 17778 Primula dryadifolia fl. purple
pink same loc. 15500ft.
- 17779 Carex flowers white in swampy
meadows 15500ft. same loc. as 17777
- 17780 Primula sp? flowers pinkish
purple cushion plant at 16000ft.

- 17781 herb fl. bluish white - wet pass. gravel and clay 16500ft. Seuron
- 17782 Primula sp? very small, flowers bawlders (limestone) bluish purple - crevices of large Seuron. 16000ft.
- 17783 Anemone sp? fl. red. same loc. as 17782
- 17784 Cypripedium sp? fl. purple red, meadows below Seuron. 15000ft.
- 17785 Allium fl. pink below Seuron pass 15000ft. meadows.
- 17786 Composite fl. yellow meadow 14500ft below Seuron
- 17787 Picea sp? tree 80-60ft. forest of Peticen or Baroupanba elev. 12500ft.
- 17788 *Oreocharis Forrestii* (Diels) Skau det. Walker
Pesneria sp. plant, - deep shade
 see rep. no. 47707 (personal rep. no. 1402-03)
 fl. cream-colored, Ngumze Kamp 12800ft elev. July 1929
 photogr. thin spec. parabrach.
 slopes of Ngumze Kamp elev 12500ft
- 17789 Primula sp? fl. bluish gray
- 17790 Picea sp? tree 40ft. valley of Ngumze Kamp at Baroupanba 12500ft

- 17791 *Picea* sp? tree 30-40 ft.
- 17792 *Picea* sp? " 40-50 ft.
- 17793 *Picea* sp? tree 50-60 ft - 100 ft
^{*libianensis* Prisel}
 see negatives no 47700, 47701, personal neg. no:
 1413, 1414.
- 17794 *Picea* sp? tree 20 ft.
- 17795 *Juniperus* sp? tree 40 ft.
- 17796 orchid flowers pink, grassy
 pamba, elev. 11600 ft.
- 17797 *Clematis* sp? fl. white —
- 17798 Legum. shrub 10 ft. flowers
- 17799 ~~*Piper*~~ sp? fl. lobed.
- 17800 *Prunella* sp? flowers white

same loc. as 17790

" " "

Barou pamba Kpuuzekomp.
 elev 12500 ft. see photo.

" " "

below Seurou pass 15000 ft.

slopes under pine trees, below Barou
 Jalung gorge.

Drayenkomp valley below Barou
 pamba 11800 ft.

pinkish Petiole Barou pamba
 Drayenkomp 12000 ft

fragrant same loc. as 17798.

colored to purplish presto of Kpuuzekomp
 above Barou pamba. 12500 ft.

flabellata

17801 *Sidissandra sericea* rock
this species color plate and
see also color plate 620, Nat. Geogr. Soc.

17802 orchid fl. purple, grassy

17803 *Betula* sp. ^{utilis Don.} tree 80 ft tall
elev 12800 ft.
(negative no 48075 (personal neg. no. 1404))

17804 *Olea* sp. shrub fl. white fragr.
Ligustrum.

17805 *Vitex*? shrub 5 ft. grassy flat

17806 shrub flowers pinkish "

17807 shrub 2 ft. on dry bank, -

17808 *Sidissandra sericea*? fl. blue

17809 *Tilia* sp? tree 40-50 ft. -
elev. 11600 ft.

17810 orchid, flowers purple same

walls at Barou pamba photograph
panchrom. . . Neg. 47699 Nat. Geogr. Soc.
personal neg. no: 1415, 1416.
banks at Upunye Kamp, below
pine forest. Petun, 11800 ft.

forming pure stands forests of Upunye
Kamp north of Barou pamba.
photographed forest. July 1/1929
valley of Upunye Kamp 12800 ft.

at Rangiba north of Baerong.
elev 12800 ft.

" " " "

pine forest fl. yellow, elev. 12000 ft.

sunny exposed place at
Drayenkong north of Baerong
11000 ft.

forests near Rangiba north of Baerong

loc. as 17802

Collected in Nuli territory
- Farou Koup between

west of Bawroup and the Jalung
Goudshu and Seou Panba. July 1929.

- 17811 herb, flowers purplish on
17812 liliac, pl. flowers yellow in
17813 shrub 4-5 ft. fl. white
17814 Decidua shrub 6-8 ft. same loc.
17815 Quercus sp? tree 35-40 ft.
17816 Gesneriac. herb, on rock walls
flowers white.
17817 Isodendron sericea? flowers
17818 Cotoneaster sp? shrub 5-6 ft.
17819 Acer sp? tree 35 ft. near stream
17820 Araliac shrub 10-15 ft. fl.
green

grassy banks - shade 9900ft.

pine forest dry slopes. 10000ft.

near Bason 11600ft.

as 17813

near head of Farou Koup along stream
19900ft.

- Farou Koup 10000ft.

blue and pure white same loc. as
17816.

fl. white same loc. as 17813

at Farou Koup 9900ft.

" " " "

17821 shrub 3 ft. fl. yellowish

- Faroung Kump 10000 ft.

17822 plant 2-3 ft. fl. white -

Deep shade along stream -
Faroung Kump 9900 ft.

17823 *Morina* sp? grassy slopes -

pine forest above Bason near Yata.
elev 11200 ft.

17824 *Cleistanthus*, fl. white-cream.

erect shrub 3-4 ft. - Faroung Kump
dry slopes @ 10000 ft.

17825 *Routopodium* sp? dry pine

forests same loc as 17823.

Collected in Nuli territory on
Pamba and Dyaung.

17826 *Corydalis*, flowers yellow

Yankoupran between Deon
July 1929.
valley of Yankoupran 14500 ft.

17827 orchid on grassy gravelly slopes
fl. purple.

near pass Yankoupran 14900 ft.

17828 herb flowers purplish among

lawyers at 15000 ft.

17829 *Meconopsis* sp? flowers large
photogr. (color plate no)
Newicki Bur. & Fr.

purplish blue, at summit of pass
this species? 15200 ft. ~~_____~~

17830 *Routopod.* summit of

Yankoupran 15200 ft.

- 17831 Composite flowerheads yellow summit of Yankoupran 15200ft.
- 17832 Corydalis flowers yellow, " " " "
- 17833 Meconopsis sp? flowers deep purplish blue near Yankoupran 18000ft. grassy slopes
- 17834 Corydalis sp? flowers ultramarine blue summit of Yankoupran 15200ft.
- 17835 Corydalis sp? flowers cream-limestone gravel at 18500ft. colored bluish-pink in loose scree crevices & left (east of Yankoupran).
- 17836 Crucifer. flowers pale blue same loc. as 17835. July 1929.
- 17837 Potentilla sp? fl. yellow " " " "
- 17838 Saussurea sp? fl. purple.
Collected in Papumshon valley same loc as 17835, 15600ft. elev. below Yankoupran elev 15000ft.
- 17839 Potentilla sp? shrub 2 ft. flowers yellow cream colored - white along stream 15000ft.
- 17840 Rhodod. shrub 1/2 - 1 ft. flowers purplish red Yankoupran elev 15200ft.

- 17841 Labiate flowers yellowish green
14400 ft. Baccage valley.
purple spots, grassy slopes at Dzampe
- 17842 Cardamine sp? flowers magenta
lavender same loc. 17841.
- 17843 Aster sp? ray florets deep bluish
purple. " " "
- 17844 Aster staticifolia same loc.
" no 17841.
- 17845 Composite fl. head dull
reddish purple. " " "
swampy valley floor.
- 17846 Primula sp? fl cream-colored
meadow of Papurushon 15000 ft
fragrant drooping, - swampy
below Yankougram.
- 17847 Abies ^{forrestii} sp. trees 40-50 ft. forming
tocheron pass 13700 ft. photos
neg. no. 47866-67, 48135 color plate 649.
pure forest valley of Muchese below
the forest colored plateau pantheon.
- 17848 Iris sp? flowers pale blue,
Valley of Sepainp 12650 ft.
- 17849 Iris sp? flowers purplish blue
Selavayi Mish.
Muli territory 13600 ft. elev
in small meadow beyond Deon pomba
photos this species. neg. no. 47868
personal neg. no. 1494. color plate 642
- 17850 fern on trees - Sepainp valley
elev. 12500 ft.

- 17851 *Primula* sp? flowers blue, — beyond Dzampe.
- 17852 *Pedicularis* sp? fl. purple.
- 17853 Composite shrub, fl. purplish
- 17854 *Aster staticifolia*? ~~Rays~~
- 17855 *Androsace* sp? fl. pink
- 17856 *Androsace* sp? fl. deep pinkish
- 17857 *Iris* sp? ^{near J. Bulleyana Dykes} flowers deep blue, brooks at Chidain 14400ft
- 17858 *Rhododend.* sp? tree 10ft. ^{Collected at Mt Sipa,}
- 17859 *Potentilla* sp? fl. yellow
- 17860 *Anemone* sp? fl. red. — alpine

- near head of Lochuon pass 14500ft.
- " " " " "
- at Segainp in Segainp valley elev 12500ft.
- valley of Segainp - Rachen Koung 13500ft
- meadows - Rachen Koung elev. 13250ft
- purple pass - Rachen Koung 13500ft.
- in swampy meadows and running elev. photo. his species
- Kulu territory June 1929, flowers pink slopes of Mt. Sipo 14000ft
- alpine region Mt. Sipa 15000ft.
- meadow " " "

- 17861 ~~Primula sp?~~ Anemone sp? flowers mauve, among rocks
15000 ft.
- 17862 Primula sp? - alpine flowers blue. meadows 14500 ft.
- 17863 Legum. plant fl. blue alpine meadows 15000 ft.
- 17864 Composite fl. yellow in wet gravel 15000 ft.
- 17865 herb flowers green alpine meadows 15000 ft.
- 17866 Lonicera sp? shrub 3-4 ft. flowers yellow along stream
13500 ft.
- 17867 herb flowers white alpine meadows, elev 14500 ft.
- 17868 Corydalis sp? flowers yellow alpine region 15500 ft.
- 17869 Corydalis sp? " blue " " "
- 17870 Potentilla sp? fl. yellow meadows at 15500 ft.

Collector Mt. Siga

Kulu. Zechuan

17871 *Androsace* sp. flowers yellow
Potentilla sp. flowers yellow

alpine meadows 13500 ft
alpine meadows among rocks.

17872 *Primula* sp. flowers yellow

alpine meadows 13500 ft near
brook.

17873 *Anemone* sp. fl. white

meadows 14500 ft.

17874 *Salix* sp. shrub 3-4 ft or less

alpine region along stream,
14000 ft.

17875 Lichen among rocks at

15000 ft.

17876 Cruciferae. herb fl. yellow

among rocks 14500 ft alpine
region of Mt. Siga.

17877 *Cotoneaster* sp. prostrate shrub
elev 14500 ft.

flowers red, among rocks

17878 *Primula* sp. flowers deep

purple alpine meadows 15500 ft.

17879 *Primula* sp. flowers red to

purplish along stream, at 13500 ft
Mt. Siga. - 14000 ft.

17880 *Rhodod.* sp. shrub 1/2 ft.
flowers deep bluish

alpine region of 15000-16000 ft.
indigo-purple.

- 17881 *Anemone* sp? among boulders fl. pale lavender, elev 15500ft.
- 17882 *Primula* sp? flowers deep purple alpine region 16000ft.
- 17883 *Salix* sp? shrub 1-2 ft. alpine region along brooks 15000ft.
- 17884 *Primula* sp? flowers purplish blue alpine meadow, 15000ft
- 17885 *Primula* sp? fl. yellow on limestone cliffs 11000ft. Mt. Liza.
- 17886 herb flowers blue, meadows 13800ft.
- 17887 *Salix* sp? shrub 4-5 ft. along brooks 14000ft.
- 17888 *Allium* sp? fls yellow, alpine meadows 14500ft.
- 17889 *Salix* sp? shrub 3-4 ft. along brooks alpine region 14500ft.
- 17890 *Ribes* sp? shrub 5-6 ft. alpine region 14000ft.

17891 *Crucifer*, flowers bluish

lanceolate, alpine meadows 14500ft.

17892 *Ranunculac.* herb fl. yellow

water courses - shade 13500ft.
forest.

17893 *Primula soe-chifolia* -
- moss.

spruce forests 13500ft.

17894 *Primula* sp? flowers yellow

leaves dark green alpine meadows
14000ft.

17895 *Crucifer* fl. white alpine

meadows 14000ft.

17896 *Primula* sp? flowers purple

red ~~meadows~~ meadows 15000ft.

17897 *Rhodod.* sp? shrub 1-2ft flowers

yellow alpine 14500ft.

17898 *Pedicularis* sp? fl. purple.

alpine meadows 15000ft.

17899 *Rhodod.* sp? tree 8-10ft.

leaves pale beneath, flowers deep
purplish. elev. 13500ft. - 14000ft.

17900 *Rhod.* sp? shrub 6-10ft.

flowers deep purplish pink,
elev 14000ft.



Collected - Lechman.
Mt. Siga Kulu, - Kuli

17901 Rhodod. sp? tree or shrub

17902 Rhod. sp? tree 8-10 ft.

17903 Rhodod. sp? tree 8-10 ft.

17904 Rhod. sp? tree or shrub 6-

17905 Rhodod. sp? compact

17906 Rhod. sp? tree 10-15 ft.
spruce and fir forests 14000 ft.

17907 Rhodod. sp? tree 15 ft.

17908 Rhod. sp? shrub 6-8 ft.

17909 Rhodod. sp? tree 8-10 ft.

17910 Rhodod. sp? shrub 5 ft.

territory June 1929.

6-10 ft. flowers purplish pink.
elev 14000 ft.

flowers pink spotted purple.
elev. 14000 ft.

flowers purplish pink
forests 14500 ft.

sp. flowers pale pink spotted purple
elev. 14500 ft.

shrub or small tree flowers white
spotted purplish alpine regions
14500 - 15000 ft.

flowers white spotted purple.

- fir forests 13500 - 14000 ft
flowers large purple.

flowers white spotted purple
elev. 15500 ft.

flowers white, forests at 14000 ft.

flowers pink pale spotted purple
14500 ft.

17911 Rhodod. sp? shrub or small

tree 6-10 ft. flowers white.
alpine region 14500 ft.

17912 Rhod. sp? shrub 6-8 ft.

flowers white spotted purple,
elev. 14500 ft.

17913 Rhodod. sp? shrub very

compact, stout, flowers white
elev. 15000 ft.

17914 herb flower, green

alpine region 14500 ft.

17915 herb flowers purple

on cliff, among rocks 14000 ft

17916 Composite, meadow

14000 ft, fl. heads purple.

17917 Labiate, alpine meadow

14000 ft.

17918 Legumin. fl. fl. blue

alpine region 14500 ft.

17919 Composite, gravelly

alpine regions 14500 ft
involucre pale yellow.

17920 Composite. "

" " involucre purple.

- 17921 herb fl. steel blue
- 17922 Liliac. sp. flowers yellow,
- 17923 Crassul. pl. succump
- 17924 Legum. fl. flowers yellow,
- 17925 Liliac. sp. fl. yellow
- 17926 Primula sp. flowers small
- 17927 Meconopsis sp. flowers
-
- Collected in lower Yeti
- 17928 Crucifer fl. orange,
- 17929 Labiate, flowers purplish
- 17930 herb, flowers white in

in alpine meadows 14000 ft.
also on edge of forest.

alpine meadows 13500 ft.

gravel and scree 15500-16000 ft.
flowers red.

prostrate woody, alpine 14800 ft.

alpine meadows 14300 ft.

pink, grows in mats, alpine
region 15000 ft.

blue, meadows at 14500 ft.

valley north of Kulu 11000 ft.

in meadows Yeti valley, 11000 ft.

"

"

"

Yeti valley meadows 10000 ft.

- 17931 Legum. fl. flowers pale blue, along streams - Yetsi valley
10000ft.
- 17932 Corydalis sp? bluish white " " " "
- 17933 Acer sp? tree 25-30ft. along stream Yetsi valley
10000ft
- 17934 Primula sp? flowers yellow orange - meadows Yetsi 11000ft.
- 17935 Aquilegia sp? - forests and meadows 11000ft.
flowers purple.
- 17936 Corydalis sp? flowers dark yellow; meadows 11500ft.
- 17937 Legum.: non plant fl. blue along stream "
- 17938 Pedicularis, flowers pale yellow alpine meadows 12500ft
- 17939 Cotonaster sp? prostrate shrub flowers white among rocks
12500ft.
- 17940 Boragin. herb, slopes of Mt. Lija 13000ft.
flowers dark blue.

Collected Mt. Siga - Kuler

17941 *Meconopsis* sp? flowers purple
leaves lobed small

17942 herb, flowers reddish brown

17943 *Meconopsis* sp? fl. dark

17944 *Primula* sp? flowers large

17945 *Primula* sp? flowers pale

17946 *Androsace* sp? flowers pink

17947 *Ericac.* plant fl. white

17948 Cushion plant flowers minute

17949 *Geranium* sp? flowers

17950 *Rhodod.* sp? shrub 2 ft.

Territory Leekman
west of Yalung.
June - July 1949.
blue, alpine region of Mt Siga
15000 ft.

elev. 14500 ft.

purplish blue. leaves narrow
entire. alpine meadows
15000 ft.

neave-pink. in mossy
forest of firs elev 14300 ft.

bluish purple, alpine meadows
14800 ft.

gravelly slopes 15000 ft.

alpine region 14500 ft.

green, among rocks 15500 ft.

purplish red - Rhodod. forest.
14300 ft.

flowers yellow small, Kuler
alpine meadows 14000 ft.

Collected in the mountains

of Kulu, Umlu territory
P. W. Szechuan.

June-July 1919.

17951 Salix sp? prostrate shrub,

along stream - gravelly bed
13500ft.

17952 Salix sp? shrub 2-3ft.

alpine slopes mountains of Kulu
13000-14000ft. ♂

17953 " " "

" " " ♀

17954 Ribes sp? shrub 4-5ft.

alpine region 13500ft.

17955 Primula sp? flowers yellow,

roots red, alpine meadows
14300ft.

17956 herb fl. bluish white

- wet gravel elev. 15500ft.

17957 Berberis sp? shrub 3-4ft.

fl. yellow. Kulu 13500ft.

17958 Rhodod. sp? shrub 2ft.

flowers deep purplish blue,
elev 14500ft.

17959 Primula sp? Beesiana?

swampy meadow 10000ft. - 12000ft.

17960 Salix shrub 5-6ft.

along stream, 11000ft.
Kulu.

17961 Rham. sp? shrub 1-2 ft.

flowers pale blue alpine region
leaves very small 14500 ft.

17962 Primula wardii? flowers

pale pink fragrant
swampy meadows 12000 ft.

17963 herb, flowers pale yellow

in streambeds 12000 ft.

17964 Salix sp? shrub 3 ft. ♂

along streams Kulu. 13000 ft.

17965 Salix sp? shrub 4-5 ft.

♂ " " " 13000 ft.

17966 Salix sp? shrub 3 ft - 5 ft.

♀ " " " "

17967 Rham. sp? shrub 2 ft.

flowers yellow (larger) alpine region
Kulu 13800 ft.

17968 Rosa sp? shrub 3-5 ft.

flowers white in forest and outer
skirts 13500 ft. Kulu.

17969 Peonia sp? shrub 3-4 ft.

flowers yellow forest of Djapo
11500 ft.

17970 Cypripedium sp?

meadows of Djapo 11500 ft.

Collected at Djapo between

Muli and Kulu.

Geshwa.

- 17971 orchid *Cyprip.* flowers
deep purplish red, meadows and
outskirts of forest. 12000 ft.
- 17972 *Leptospermum* sp? shrub 3 ft.
flowers purplish lavender.
- spruce forest 12000 ft.
- 17973 *Spiraea* sp? fl. white.
shrub 4 ft. along stream
11500 ft. Djapo
- 17974 *Legum.* plant. flowers blue,
(1 ft tall) meadows of Djapo.
11500 ft.
- 17975 *Lonicera* sp? shrub 4-6 ft.
flowers red. forests of spruce
& fir 12500 ft.
- 17976 *Legum.* shrub, flowers pink
- pine forest 11000 ft.
- 17977 *Diapeltis* sp? shrub 5-6 ft.
flowers pale yellow, forests
of pine and spruce 11000 ft.
- 17978 *Ribes* sp? shrub. 3-5 ft.
" " "
- 17979 *Leg.* shrub 3-5 ft. fls. yellow,
forests of Djapo 12500 ft.
- 17980 orchid flowers purple,
on shady banks - forests
of spruce 12000 ft.

17981 Borag. herb fl. purplish

in pine forest at Djapo.
elev 11500ft.

17982 Malus sp.? tree 15-20ft.

open forest at Djapo 10500-
11000ft.

17983 Scutya sp.? shrub 6-10ft.

flowers white forest of Djapo
11000ft.

17984 shrub 6-8 ft. flowers yellow

— " —

17985 Prunus sp.? flowers pale

pink, tree 20ft. Djapo forest
11500ft.

17986 Rhodod. sp.? tree 20ft.
leaves chocolate color
spruce forest of Djapo ^{beneath} 11300ft.

leaves large 2ft tall long,
flowers large pink.
large umbels very handsome.

17987 shrub 4ft. flowers white

forest of Djapo elev. 11500ft.

17988 Sorbus sp.? tree 15-20ft.

flowers white 11500ft forest of
Djapo

17989 Rosa sp.? fl. white shrub

4-5ft. spruce forest of Djapo
11500ft.

17990 orchid flowers purple,

on rocks in pine forest. 11000ft
Djapo.

Collected on the mountain

east of Yetse valley adjoining
Nat. Sipa, Kuler Geshean, June-July
1929.

17991 *Incurvillia* sp. fl. yellow,

grassy slopes 13000 ft.

17992 *Rhodod.* sp. shrub or small

tree 10-15 ft. flowers purple
spruce forest 12500-13000 ft.

17993 *Acer* sp. tree 40 ft. fl. greenish

elev. 12500 ft.

17994 Composite fl. yellow

meadows 13000 ft.

17995 *Rhod.* sp. shrub 1/2-1 ft.

flowers deep indigo blue small
leaves small 14500 ft.

17996 *Rhod.* sp.? shrub 1 ft. flowers

pink, alpine regions 13500 ft.

17997 orchid dry grassy slopes -

pine forest elev 11500 ft.

17998 *Primula* sp. fl. pinkish blue,

dry rocky slopes in pine forest 11500 ft.

17999 *Leptodermis* sp. shrub 4-5 ft.

fl. pink, " " " "

18000 *Omphalogramme* flowers

indigo blue, alpine meadows
13500 ft.

- 18001 *Prunella* sp? flowers rich
pinkish blue, — alpine meadows
13000 ft.
- 18002 *Pyrus*? tree 15-20 ft. flowers
white, on thickets of forest 12500 ft.
- 18003 *Lonicera* sp? shrub 3-ft.
flowers yellow, — Rhod. forest
13000 ft.
- 18004 *Prunella* sp? flowers bluish
purple, alpine regions 13000 ft.
- 18005 *Stellera* sp? fl. yellow,
step alpine meadows 13500 ft.
- 18006 *Ribes* sp? shrub 3 ft. flowers
greenish, alpine regions 13000 ft.
- 18007 Composite fl. yellow
alpine meadows 13500 ft.
- 18008 *Lonicera* sp? shrub 3-4 ft.
— spruce forest 13000 ft.
- 18009 *Prunus* sp? flowers pink
tree 15-20 ft.
spruce forest 13000 ft.
- 18010 *Lonicera* sp? shrub 3-4 ft. fl.
yellow, spruce forest 13000 ft.

18011 Rhodod. sp. tree 15 ft. flowers

collected in the mountains of

18012 Pedicularis sp. fl. white

18013 herb, flowers purplish

18014 Geranium sp. herb, in alpine

18015 Delphinium sp. fl. blue,

18016 Crassul. fl. yellow,

18017 herb fl. white alpine

18018 herb, fl. greenish "

18019 Crucifer, fl. white alpine

18020 Pedicularis sp. flowers white

purple. spruce forests 12500-13000 ft.

Kulu eastern boundary of ^{unli} ~~unli~~ ^{terity} July 19.

alpine meadows 13000 ft.

" " " "

meadows 12500 ft. flowers pale pink.

- spruce forests 13000 ft.

among rocks and cliffs 14000 ft.

regions 12500 ft.

" "

region - wet gravel and in brooks 15500 ft.

Kulu purplish meadows of Kulu 12500 ft.

Collected in the mountains

of Kulu. eastern Kunli boundary
Zechuan.

18021 Rhodod. sp. fl. ? tree or

shrub 6-10 ft. forest of Kulu with
spruce. 13000 ft.

18022 Gesneriac. rosettes on lime

stone cliff fl. bluish white
12500 ft.

18023 Primula sp. fl. blue, -

pine forest, dry rocky slopes
12000 ft.

18024 Shrub, fl. large white

outskirts of forest 12500 ft -
13000 ft.

18025 Gnaphalium sp. fl. white

rocky exposed slopes 13000 ft.

18026 Composite fl. yellow

alpine meadows 13000 ft.

18027 Aster sp. fl. deep blue

" " " "

18028 Aster sp. fl. large "

" " " "

18029 herb flowers purple alpine

meadows 12500 ft.

18030 Rhod. sp. shrub 6-8 ft.

flowers large yellow, spruce
forest 13000 ft.

- 18031 Spiraea sp? shrub 3 ft.
- 18032 Primula sp? fl. dark blue
- 18033 Primula sp? similar &
- 18034 Gnaphalium sp?
- 18035 Meconopsis sp? flowers deep
- 18036 Composite, fl. on involucre
- 18037 Primula sp? flowers purple.
- 18038 Orchid, fl. greenish
- 18039 herb fl. purplish meadow
- 18040 Rhodod. sp? shrub 10-15 ft.
or small tree,

- tonerose flowers white & cream
- Rhodod. shrub 13000 ft.
- dry alpine regions 13500 ft.
- 18032. " " "
- " " " "
- blue alpine meadows 14500 ft.
- dull purple, on wet scree and
gravel 15000 ft.
- swampy meadows ¹¹⁰⁰⁰ 12000 ft
- " " "
- at 12500 ft.
- branches, petioles and pedicels hirsute
fl? sparse forest east of Kulu
11000 ft.

- 18041 Iris sp. flowers deep blue,
- 18042 Geranium sp. forest
fl. purplish red.
- 18043 Aster sp. meadows of Karadi
fl. blue indigo.
- 18044 Iris sp. fl. deep blue purple
- 18045 Hydrangea sp. tree 15-20 ft.
- 18046 Acer sp. tree 25 ft.
- 18047 Hydrangea sp. tree 15-18 ft.
- 18048 Tilia sp. tree 40 ft. in forest
- 18049 Rosa sp. shrub 6-8 ft. fl.
- 18050 Tsuga sp. tree 80 ft. trunk

- spruce forest at Karadi:
east Kulu elev. 11000 ft. Yalumpoope.
July 1929

Karadi east of Kulu.
elev 11000 ft.

10500 ft.

forests of Karadi 10500 ft.
east of Kulu

fl. bracts cream colored,
forests of Karadi 10500 ft.

" " "

fl. bracts yellow smaller as -
18045. same loc.

of spruce Karadi elev. 11000 ft.

purplish, undergrowth - hemlock
and spruce forest Karadi;
11000 ft

sp. dead. " "

18051 *Araliac* shrub 10 ft - 15 ft.

collected in the mountains of

18052 *Rosa* sp? shrub 5-6 ft. spruce

18053 herb fl. pale purplish pink

18054 *Primula* sp? flowers white

18055 *Primula wardii*? flowers pink

18056 *Primula* " " fl. pale pink

18057 *Berberis* sp? shrub 3-4 ft.

18058 *Syringa* sp? flowers lavender

18059 *Androsace*, sp? flowers dark

18060 *Orchid* fl. yellow.

fl. green; forest of Karqad
elev 11000 ft. July 1929.

Kulu - eastern Kulu boundary.
June - July 1929.

forest 12000 ft. flower purplish red.

alpine meadow 12500 ft.

" " "

swampy meadows 12500 ft
13000 ft.

- white " " "

fl. yellow, dry slopes 13000 ft.

prostrate, shrub 10 ft. in spruce
forest 12500 ft.

purple dry slopes 12500 ft.

" " "

18061 Iris sp. flowers dark purple

- blue, clearings - forests 12500 -
13000 ft.

18062 Pedicularis, fl. purple.

alpine meadows 13000 ft.

18063 Iris sp? fl. small pale purple

blue " " "

18064 herb fl. white.

alpine meadows 13000 ft.

18065 herb fl. purple

" " " 12500 ft.

18066 Pedicularis, fl. purple -

meadows and clearings -
spruce forest 13000 ft.

18067 Aster sp. fl. purplish blue

" " "

18068 Sorbus sp. tree 15-20 ft.

fl. white, spruce forests 13000 ft.

18069 Sorbus sp? " "

fl. red " " "

18070 Sorbus sp? shrub 10 ft.

fl. white " " "

18071 *Myrica pennsylvanica*, shrub

6-10 ft. - stream, at Kulu
12000 + 8000 ft.

18072 herb, fl. white on rocks

on cliffs - pine forest 11000 ft.

18073 *Juniperus* sp? fl. white

" " " 11500 ft.

18074 *Salvia* sp? flowers purple.

meadows at 13000 ft.

18075 *Cotoneaster* sp? shrub 6 ft.

flowers pink 12000 ft. open scrub.

18076 *Sorbus* sp? tree 15-20 ft.

fl. white spruce forest 13000 ft.

18077 *Tris* sp? fl. deep purplish blue

Clearings - spruce forest 13000 ft.

18078 herb, on mossy banks fl.

white " " "

18079 *Rubus* sp? shrub (erect) 4 ft.

fl. white-purplish spruce forest
13000 ft.

18080 *Rhodod.* sp? shrub 6-10 ft.

fl. large yellow - spruce and fir
forest 13000 ft.

- | | | |
|-------|--------------------------------|---|
| 18081 | Primula sp. fl. large | meadow - lavender in meadow
spruce forest 14000ft. |
| 18082 | Composite fl. yellow | " " " " |
| 18083 | Primula tibeticana? | in alpine meadows 13000ft. |
| 18084 | Pedicularis sp. fl. purple | " " " |
| 18085 | Pedicularis " " " | " " " |
| 18086 | Pedicularis sp. flowers purple | " " " |
| 18087 | Pedicularis sp. " " | " " " |
| 18088 | Ranunculus herb fl. yellow | " " " |
| 18089 | Rhod. sp? shrub 10ft. fl. | white alpine region 14000ft.
14500ft. |
| 18090 | Rhod. sp? shrub 5-6ft. fl. | white " " " |

18091 Rhod. sp? tree 10-12 ft.

or shrub higher up. elev. 14000 ft.
fl. white spotted purple.

18092 Rhod. sp? tree 8-10 ft.

leaves matted beneath, fl. white
Rhod. forest 14000 ft.

18093 Rhod. sp? tree 10-12 ft.

fl. white pinkish tinge, spotted
purple. alpine 14500 ft.

18094 Rhod. sp? shrub 5-6 ft.

leaves dark brown wooly beneath.
fl. white spotted purple,
Rhod. forest 14500 ft.

18095 Salix sp? shrub 3 ft.

alpine region 13800 ft.

18096 Rhod. sp? tree 10 ft. flowers

large pink spotted purple,
alpine region 14500 ft.

18097 Rhod. sp? shrub 6-8 ft.

flowers purplish pink
spotted purple. elev. 14500 ft.

18098 Morina sp? fl. purple

alpine meadows 13500 ft.

18099 Pedicularis. fl. yellow,

swampy alpine meadows
12500 ft.

18100 herb, flowers purplish green

forest meadows 12500 ft.

- 18101 Rhod. sp. shrub or small tree 6-8 ft. flowers white spotted purple, elev. 14000 ft.
- 18102 Rhod. sp? shrub 6-8 ft. fl. white spotted purple. 14500 ft.
- 18103 Rhod. sp? shrub or small tree 10-12 ft. fl. white - spruce and fir forest 14000 ft.
- 18104 Gnaphalium sp? fl. white " " " "
- 18105 Primula sp? flowers purplish - whitish blue alpine meadows ~~14000~~ 14500 ft.
- 18106 Potentilla sp? shrub 2-3 ft. flowers deep yellow, alpine region 14500 ft.
- 18107 Potentilla sp? " " fl. white " "
- 18108 Leg. fl. pale yellow, alpine meadows 14500 ft.
- 18109 Cruciferae sp? fl. white alpine meadows 13500 ft.
- 18110 Leg. pl. fl. pale yellow, pubescent, alpine meadows 14500 ft.

18111 Pedicularis sp. fl. purple

alpine meadows 14000ft.

18112 Cardamine sp. fl. mauve

lavender along brook at 14500ft.

18113 Meconopsis sp. fl. deep

bluish purple alpine meadows 14500ft.

18114 herb fl. purplish red,

alpine meadows 13000ft.

18115 Rhod. shrub 1-2 ft.

fl. white alpine region 14500ft.

18116 Legum. tree 80 ft. wide
youngling plain (planted)

spreading crown, flowers pale yellow,
elev. 9600ft. Yunnan.

18117 collected on Mt. Siga north east

of Kulu elev 15000ft. S.W. Yunnan
Sept. 1929.

Aconitum sp? alpine and grass

by slopes 15000ft. fl. blue.

18118 Aconitum sp. yellowish hints

flowers deep blackish blue same loc.

18119 Rhododendron sp? shrub 10-

12 ft. fl. purplish pink. Yeti slopes
of Mt. Siga. 14000ft. seed collect

18120 Primula sp? flowers purple

meadows of Mt. Siga 14000ft.

18121 Aconitum sp? fl. purple.

This species is used and collected as a medicine. Mt Sipa 13500ft seeds collect.

18122 Incarvillea sp? 3ft tall

flowers yellow meadows of Yetsi slope of Mt Sipa seed coll.

18123 Primula sp? flowers deep

blue almost indigo alpine meadows 13500ft. seeds collect

18124 Primula sp? flowers white

" " " seeds collect

18125 Pedicularis sp? fl. pale purple

" " " seed collect

18126 Legum. plant. fl. yellow

alpine region 14500ft. seed collect

18127 Composite fl. purple

" " " seeds coll.

18128 Primula sp? fl. yellow.

" " " seeds coll.

18129 Meconopsis sp? spiny flowers

deep blue gravelly region seed collect 14500ft

18130 Composite fl. pale purple

to white alpine region wet gravel 14500ft. seed coll

- 18131 Composite fl. yellow,
 18132 Composite fl. purple,
 18133 Gentianace herb fl. pale
 18134 Orythaloys. sp. fl. simple
 18135 Labiate bracts large yellow to
 18136 Ribes sp. shrub 4-5 ft.
 18137 Primula sp. flowers, pink
 18138 Rhod. sp. shrub or small
 18139 Rhod. sp. shrub 5-8 ft.
 18140 Rhod. sp. shrub 4-5 ft.

- alpine meadows 14000 ft. seed coll
 " " " 14500 ft. seed coll.
 purple. alpine meadows 14000 ft. seed coll.
 deep bluish purple " seed coll.
 purple fl. pale yellow alpine meadows, seed coll.
 slopes of Mt. Siga elev 13000 ft seed coll.
 alpine slopes of Mt. Siga seed coll.
 tree 10-15 ft. fl. white.
 Mt Siga alpine slopes 14500 ft. seed coll
 fl. pink, " " seed coll.
 flowers pale purple slopes of Mt Siga 13000 ft. seed coll.

Net - Liza

- 18141 Rhod. sp? shrub 6-8 ft. - 10 ft. alpine regions 14500 ft seed coll.
flowers pink
- 18142 Rhod. sp? shrub 8-10 ft. flowers; alpine region among
rocks, elev 14500 ft seed coll.
- 18143 Rhod. sp? shrub 1-2 ft. flowers deep purplish blue, elev. 14000
rocky slopes seed coll.
- 18144 Rhod. sp? shrub 1-2 ft. fl. yellow alpine meadows 15000 ft seed coll.
- 18145 Primula sp? flowers pinkish purple, ^{& bluish.} alpine meadows
and crags. 14500 ft. seed coll.
- 18146 Primula sp? flower reddish purple, swampy meadows
12000 ft - 13000 ft. seed coll.
- 18147 Composite thistle (alpine regions) (seed coll but
for Berlin only)
- 18148 Legume. fl. yellowish purple alpine region Net Liza.
seed coll. but for Berlin only.
- 18149 Rhod. sp? tree 10-20 ft. fl. purple large, ~~in~~ for seed
(Uniccate) 14000 ft. seed coll.
- 18150 Rhod. sp? shrub 10 ft. fl.? alpine region
among boulders seed coll.
Two sheets mounted for U.S.N.H.

Mt Liza

18151 Primula sp? fl. large mauve

- mossy fir forest 14500ft. seed coll

18152 Rhodod. sp? shrub 6ft fl.?

alpine region 15000ft. seed coll
Mt Liza.

18153 Rhod. sp? small tree 10-

12ft. " " seed coll
fl. purplish red.

18154 Cotoneaster sp? prostrate

shrub fl. red. on rocks seed coll
15000ft.

18155 Rhod. sp? compact shrub

4-5ft. fl. white alpine seed coll
region 15000ft.

18156 Rhod. sp? tree 8-10ft. -

fir forest at 14500ft. seed coll
flowers pink

18157 Rhod. sp? shrub 5-6ft.

compact. flowers pink seed coll
among limestone
cags 15000ft.

18158 Rhod. sp? shrub or small

tree 10-15ft. seed coll
flowers purple - fir forest
14500ft.

18159 Rhod. sp? shrub 5-10ft.

- fir forest, elev seed coll
14500ft.
flowers white.

18160 Rhod. sp? shrub 4-6ft.

fl. purple among boulders seed coll
15000ft.

Mt. Liza

- 18161 Rhod. sp? shrub 6-8 ft. alpine region 14500ft seed coll.
Rhodod. forest.
- 18162 Rhod. sp? shrub 6-8 ft. fl. pink. " " seed coll.
fl. pink.
- 18163 Rhod. sp? shrub 1 ft. fl. deep red & purplish blue among rocks 15500ft. seed coll.
- 18164 Rhod. sp? shrub 6-8 ft. fl. purple. alpine region 15000ft seed coll.
- 18165 Rosac. shrub, 1 ft. fl. white pinkish - spruce forest fruits red. seed coll.

- 18166 Mt. of Kulu south west Androsace sp? fl. pink. seed coll.
Szechuan. uncl. territory Sept 1929.
- 18167 Berberis sp? shrub 3-4 ft. meadows 13500ft. seed coll.
- 18168 Rhod. sp? shrub 6-8 ft. along streams, seed coll.
- 18169 Rhod. sp? tree 25 ft. tall fl. white, - spruce forest. seed coll.
- 18170 Rhod. sp? tree 10 ft. fl. purplish " " 14500ft. seed coll.

Mountains of

Kulu.

- | | | | | |
|-------|---|---|-----------|--------------------|
| 18171 | Rhod. sp. shrub or small tree | 15-16 ft. above fir forest
fl. white. | 15000 ft. | <u>Seeds coll.</u> |
| 18172 | Rhod. sp.? shrub 6-8 ft. leaves | thick brown
compact alpine 15500 ft.
fl. white. | | <u>Seeds coll.</u> |
| 18173 | Rhod. sp. tree 10-15 ft. | fl. purplish pink.
— fir forest 14500 ft. | | <u>Seeds coll.</u> |
| 18174 | Rhod. shrub tree 4 ft. - 5 ft. | alpine region 15000 ft.
flowers white. | | <u>Seeds coll.</u> |
| 18175 | Rhod. sp. shrub 6-8 ft. | flowers pink. alpine reg.
15000 ft. | | <u>Seeds coll.</u> |
| 18176 | Rhod. sp. shrub 6-8 ft. | flowers pink " " | | <u>Seeds coll.</u> |
| 18177 | Rhod. shrub 4-5 ft. | flowers pink " " | | <u>Seeds coll.</u> |
| 18178 | Rhod. sp. shrub 6-8 ft. | fl. pink, " " | | <u>Seeds coll.</u> |
| 18179 | Rhod. sp. shrub 8-10 ft. | fl. white " " | | <u>Seeds coll.</u> |
| 18180 | Rhod. shrub 10 ft. fl. white | alpine reg. 15000 ft. | | <u>Seeds coll.</u> |

- 18181 Rhod. sp. shrub 2 ft. fl. white
 alpine regions of Kulu
 14500-15000 ft. seed coll
- 18182 Rhod. sp. similar to 18180
 " " " " seed coll
- 18183 Legum. pl. fl. pale purplish
 blue alpine meadows seed coll
- 18184 Legumin. fl. pink, alpine
 meadows, 14000 ft. seed coll
- 18185 Rhod. sp. shrub 10-15 ft.
 flowers pink, - in forest
 elev 15000 ft seed coll
- 18186 Rhod. sp. shrub 4-5 ft.
 flowers pinkish alpine
 region 15000 seed coll
- 18187 Rhod. sp. shrub 2 ft. flowers
 yellowish pink " " seed coll
- 18188 Saxifrage sp. plant 1-2 ft.
 tall alpine region 15000 ft. seed coll
- 18189 Rhod. sp. shrub 8-10 ft.
 fl. pinkish purple. - in spruce
 forest. 13500 ft seed coll
- 18190 Sorbus sp. tree 10-20 ft.
 fl. pinkish red. - spruce forest
 14000 ft. seed coll

- 18191 *Sorbus* sp. tree 20-25 ft.,
leaves large, fl. white. — fir forest 14500ft. seeds coll.
- 18192 *Sorbus* sp. flowers pale pink
small tree 10-15 ft. fl. white. in spruce forest seeds coll.
- 18193 *Fertiana* ac herb. fl. blue,
alpine meadows 14000ft seeds coll.
- 18194 *Parnassia* sp. fl. large white
alpine meadows and
fir forests 14000ft seeds coll.
- 18195 herb, fl. purple. — alpine
meadows 14000ft
seeds for Berlin.
- 18196 herb. fl. pale bluish white.
alpine wet peat 15500ft.
seeds for Berlin.
- 18197 *Lilium*, ~~leaf~~ herb. fl. yellow
alpine meadows elev 14000ft
for Berlin. seeds coll.
- 18198 *Primula* sp. flowers yellow
Prim. pseudosibiriana,
alpine meadows — wet places.
seeds coll
- 18199 *Lepum*. fl. alpine meadows
fl. large yellow 14000ft.
(for Berlin seeds).
- 18200 *Rheum alexandri*, fl. cream
colored. — swampy alpine
meadows 14500ft. seeds coll

- 18201 Iris sp. fl. purplish blue, alpine meadows, of Kulu seed coll.
(wet).
- 18202 Gentian. herb flowers a rich deep steel blue, along forest edge
1-1 1/2 ft tall elev 14500 ft. seed coll.
- 18203 Iris sp? fl. ~~bluish~~ bluish purple, alpine meadows
- forest. 13500 ft seed coll.
- 18204 Pedic. sp. fl. purple. alpine meadows, 13500 ft seed coll.
(for Berlin.)
- 18205 Delphin. fl. blue, " " " seed coll.
for Berlin.
- 18206 Peduncul. sp. fl. yellow " " " seed coll.
for Berlin.
- 18207 Anemone sp? fl. yellow. " " " seed coll.
for Berlin.
- 18208 Primula Wardii fl. pink wet alpine meadows, 13500 ft seed coll.
- 18209 Primula Bessiana fl. lake crimson swampy meadows
12000 ft seed coll.
- 18210 Primula tibeticum fl. blue, calyx crimson meadows 14000 ft
seed coll.

Kulu.

- 18211 *Pedicularis* sp? flowers pink alpine meadow 13500ft. seed coll
- 18212 *Pedicularis* sp? fl. yellow, pl. 2ft. " " " " seed coll
- 18213 *Spiraea* sp? shrub 5ft. fl. white, along stream 12500ft. seed coll
- 18214 herb fl. red. alpine meadow of Kulu 13500ft. sent for Berlin.
- 18215 herb fl. greenish red. — forests at 12000ft. " "
- 18216 *Senecio* sp? fl. yellow alpine meadows 12500ft. sent for Berlin.
- 18217 *Senecio* sp " " " " " "
- 18218 *Aster* sp? fl. purple. " " " " seed sent
- 18219 Composite, fl. purplish alpine meadows, 13500ft.
- 18220 *Rosa* sp? shrub 6-8ft. fl. white, forest of Kulu 13500ft. seed coll.

Kulu,

18231 Lauricera sp? fl. yellow

shrub 4-6 ft. Kulu along stream 13000 ft. Seeds

18232 Rhod. sp? shrub 2 ft. flowers

dark blue, alpine region 13500 ft 14000 ft

18233 Rhod. sp? shrub 1-2 ft. reddish

purple. " " Seeds

18234 " sp? shrub 2 ft. fl. blue,

" " Seeds

18235 Syringa sp? shrub or small

tree 15-20 ft flowers lavender purple. - spruce forest 13500 ft. Seeds

Collected at Karadi.

Sept. 1929.

18236 Rhodod. sp? shrub or small

tree 10-12 ft. hemlock forest 11500 ft. Seeds

18237 Rhod. sp? shrub or small tree

10-12 ft. fl. large yellow spruce forest 18500 ft. Seeds

18238 Rhod. sp? shrub 6-8 ft. leaves

petioles etc rusty brownish spruce forest 18500 Seeds

18239 Hydrangea sp? tree 15-20 ft.

fl. large cream colored spruce forest 11500 Seeds

18240 Acer sp? tree 25 ft. spruce

forest of Karadi 11500 ft.

Karadi, east of Kulu.

- 18331 Hydrangea sp. tree 15 ft. leaves small,
- 18332 Rosa sp? shrub 6-10 ft. flowers
- 18333 Magnolia climber, 30-40 ft
- 18334 Rhod. tree 15-25 ft. leaves
- 18335 Iris sp? 3 ft. flowers large
- 18336 Iris sp? fl. purple
- 18337 Delphinium sp? flowers hairy
- 18338 Gentiana sp? fl. yellowish blue spotted,
- 18339 Gentiana sp? flowers rich blue
- 18340 Gentiana sp? flowers ultra-

- 11500 ft. corymb smaller bracts cream colored seed
- red. forests of Karadi 11500 ft. seed
- long fl. red. " " seed
- large chocolate colored Karadi forests. 11500 ft. seed
- bluish purple, sparse forests of Karadi 11000 ft seed
- " " " " seed
- blue-purple. Kulu forest of alpine meadows 14500 ft.
- Kulu meadow 12800 ft.
- " " "
- warmer blue " "

Collected in Nuuli:

18241 *Meconopsis* sp. fl. large
integripetala

Sept. 1929.
Mt. Mikyga 14000ft.,
yellow alpine meadows
13500ft. Seeds.

18242 *Primula* sp? flowers large

neave pink - moss - fir forest
Nuuli mountain
13500 14000ft. Seeds.

18243 *Pedicularis* sp? fl. purple.

Nuuli of alpine reg.
13500ft
to Berli Seeds

18244 *Pedicularis* sp? fl. purple.

to dark blue back of Mt. Mikyga Seeds.

18245 *Lonicera* sp? shrub 1 ft.

flowers large yellow Seeds

18246 Composite fl. yellow

alpine meadows 14500ft. Seeds
to Berli

18247 *Lonicera* sp? fl. small yellow

alpine region 14500ft. Seeds.

18248 *Anemone* sp? flowers red

" " 14500ft seeds to Berli

18249 *Lonicera* shrub 3 ft 4 ft.

fl. yellow fruit black
alpine region Mt. Mikyga Seeds

18250 *Cotoneaster* sp? shrub 5-6 ft.

fl. white " " " Seeds

Mt. Nitzyupa -

18251 Ribes sp. shrub 4-5 ft.

18252 Ribes sp. shrub 6 ft.

18253 Ribes sp. shrub 10 ft.

18254 Liliaceae sp. fl. yellow.

18255 Myrsinac? tree fl. yellow.

18256 Prunus sp. (cherry) tree 20 ft.

18257 Rubus sp. erect 3-4 ft.

18258 Melastomaceae sp. flowers dark

18259 Lindera? Laurac. tree 15-20 ft

18260 Cotonaster sp. fl. white

Muli.

alpine region 13500 ft seeds.

" " " " seeds

leaves large, fruits black
- drooping racemes. seeds

Multiplex 13000 ft.
- forest at 15000 ft. seeds.

25-30 ft. Muli mountain
10500 ft seeds.

fl. pink " " " seeds.

fl. white fruits dark
yellow sweet seeds

blue, simple, alpine meadows
of Mt Nitzyupa elev 14500 ft seeds

fl. yellow - forest at 12500 seeds

shrub 3-5 ft. " " seeds.

M. Nitzyna.

18331 Urticac. shrub 6-10 ft. fruits
fibre plant, used

orange along streams
- Muhi' Mts.
paper making.

Seeds for Seed
Berl.

18332 Diapeltis sp? flowers

whitish mauve
forests near Muhi:

Seeds

18333 tree 40 ft. 2-3 ft. - diam.

Muhi, Pitang river
for Honolulu

Seeds

18334 Primula sp? on dry exposed

banks - pine forest,
fl. bluish pink handsome
12000 ft.

Seeds

18335 Crucifer, alpine plant -
fl. pinkish

scree 15500 ft.

Seeds

18336 Leg. shrub. - a pine
fl. yellow.

region of Muhi 13000 ft. Seeds.

18337 Mecosporis sp? flowers

deep blue alpine scree of
Mt. Nitzyna 15000 ft. Seeds

18338 Leptodermis sp? prostrate

fl. pink, alpine 15000 ft. Seeds.

18339 Didissandra sericea dry
fl. blue.

rocky slopes Muhi 10000 ft. Seeds

18370 Heptapleurum sp? (244)

climber, " " 10000 ft. Seeds.

Collected west of Mt. Ni-

zupa back of Muli. Sept. 1929.

18271 Rhodod. sp? shrub 6 ft.

fl. white 15000 ft.

18272 Rhodod. sp? shrub 10 ft.

fl? 14500 ft.

18273 Rhod. sp? shrub 6-8 ft.

fl? 14500 ft.

18274 Rhod. sp? shrub 5-6 ft.

fl? "

18275 Rhod. sp? shrub 3 ft. fl. white
elev 11000 ft. - pine forest.

pink and purple,
mountains of Hili Mt. Pibok seeds

18276 Aconitum sp? climber,

fl. blue, Mt. Pibok elev 14000 ft.,
seeds

18277 Delphinium sp? fl. blue

" " seeds

18278 Composite fl. yellow

" " " " seeds
for Berlin

18279 Crataegus sp? shrub or tree

15 ft. fl. white, at Wialapi
youngling.

18280 Hibiscus sp? tree or shrub
flowers white petals greenish
at base

6-10 ft. banks of Yangtze
elev 6000 ft.

18281 Rhodod. sp? small tree
fl. pink?

18282 Tilia sp? tree 25-30ft.

18283 Gentiana herb, fl. pale blue
young ring

18284 Gentiana sp? fl. bluish

18285 Gentiana sp fl. long blue

18286 Campanul. herb. fl. deep

18287 herb fl. white, in gravel

18288 Gnaphalium sp? fl. pink

18289 Anemone sp? fl. blue

18290 Gentiana sp? fl. deep blue

18ft. leaves silvery beneath
Yangtze loop north of Tokeher
elev 11000ft. seeds
forests of Tokeher 12500ft. Herb.

yellow tube of petals purple.
meadow. Sept. 1929

purple. Sept 1929.
Muli' lamary,
10000ft.

blue, west of Mt. Nu'tupa.
elev 13500ft.

at 15000ft. " "

" " " "

— scree " " "

" " " "

West of Mt. Muzya Sept 29

- | | | |
|-------|----------------------------------|--|
| 18291 | Umbellifer, fl. white purple | - gravel west of Mt. Muzya,
elev 15000 ft Sept 19 29. |
| 18292 | Aconitum sp? fl. blue | " " " " " |
| 18293 | Compositae fl. heads purple. | - meadows " " " 14500 ft. |
| 18294 | Delphinium sp? fl. bluish purple | " " " " " |
| 18295 | Aconitum sp? fl. pale blue | climber " " " |
| 18296 | Crucifer sp? fl. pink - | gravel " " " 15000 ft. |
| 18297 | Silene sp? fl. greenish | among rocks 14500 ft " " |
| 18298 | Labiatae sp? bracts green | fl. large pink - gravel at 15500 ft |
| 18299 | Compositae fl. heads purple, | along banks 14500 ft. " |
| 18300 | Carydalis sp? fl. pale blue | with purple tips - gravel 15000 ft |

- | | | |
|-------|--------------------------------|--|
| 18301 | Putianac herb. fl. yellow | - meadows west of Mt. Muzya
14500ft. |
| 18302 | Lacifraga fl. deep yellow, | - meadows and among
rocks 14000ft. " " |
| 18303 | Composite fl. hds. purple. | - meadows 14000ft. |
| 18304 | Composite fl. " " | " " " " |
| 18305 | Composite " " | " " " " |
| 18306 | Saussurea (fl. purple) rosette | small. - gravel bed Mt. Muzya
elev 15500ft. |
| 18307 | Lacifraga fl. yellow, | - gravelly meadows 14500ft. |
| 18308 | Putianac herb. fl. blue | " " " " |
| 18309 | Rubiaceae fl. purple. | " " " " |
| 18310 | Delphinium sp? fl. blue | - gravel (scree) 15500ft. |

west of Mt. Ni'guga, Nuli.

18311 Composite, fl. lvs purple.

gravel (scree) 15000 ft.

18312 *Meconopsis* sp. fl. blue,

" " "

18313 Saxifrage fl. yellow,

alpine meadows 14000 ft.

18314 Composite fl. lvs purple

- scree at 15000 ft.

18315 *Pentapodium*, in meadows

at 14500 ft.

18316 *Delphin* sp. fl. blue

meadows at 14000 ft

18317 *Delphin* sp. fl. blue

" " "

18318 *Delphin* sp? fl. dull purple

" " "

18319 *Silene* sp. fl. purplish red

- meadows at 13500 ft.

18320 Saxifrage fl. deep purplish

red. " " "

18321 Gentianac. herb fl. pale blue,

in alpine meadows 13000ft west of Mt. Mustang.

18322 Begonia sp. fl. pink

on moist banks near Nuli's laundry 9500ft.

18323 Campanulac. herb fl. pale

blue " " " "

18324 Delphin. sp.? fl. blue

" " " "

18325 Campanul. herb fl. blue,

gravel (scree) 15000ft west of Mt. Mustang.

18326 herb. fl. white, same locas

18323.

18327 Delphin. sp.? fl. blue

meadows near Nuli's laundry 9600ft.

18328 ochr. fl. rich yellow,

grassy slopes 9500ft Nuli's

18329 Aster sp.? fl. blue.

" " 10000ft "

18330 Begonia sp.? fl. pink,

in shade, at 8000ft. Nuli's

Collected on Mt. Fu Chuan, west
of Mekong and ~~west~~ west of Weichai
near Burmese border, divide
11/4

of Mekong and ~~west~~ west of Weichai
between Mekong and Salween. Sept-Oct.
1929.

18331 Rhodod. sp? 30 ft. leaves large
elev. 12000 ft.

silvery beneath. fl. large yellow.
seeds coll.

18332 Rhodod. sp? shrub 7-8 ft.

fl. yellow. leaves glabrous. seeds

18333 Rhodod. sp? shrub 6-8 ft.

fl. yellow. leaves elliptical. seeds

18334 Rhodod. sp? shrub 1 ft.

flowers pink to red. leaves small.
no seeds.

18335 Rhodod. sp? shrub 10 ft.

flowers rich pink. leaves brown
floculose beneath. seeds.

18336 Rhod. sp? tree 15-20 ft.

flowers large yellow leaves
large elliptical brown beneath seeds.

18337 Rhodod. sp? tree 15-20 ft.

leaves large brown beneath, flowers
very large yellow seeds

18338 Rhodod. sp? tree 10-16 ft.

leaves oblong fawn-colored beneath
flowers pale yellow. seeds

18339 Rhodod. sp? tree 10-12 ft.

flowers pink, leaves elliptical
brown beneath seeds
elev. 11000 ft.

east of Mekong and west of Weichai

18340 Magnolia sp? tree 30-40 ft.

spreading, flowers white seeds

Coll. Fuchuan shan.

- 18341 Rhodod. sp? shrub 2 ft. leaves elliptical fl. white, leaves glaucous beneath. elev 12500 ft. seeds
- 18342 Rosa sp? shrub 10 ft. flowers pink, leaves large, - bambu growth. fruits large spiny. seeds.
- 18343 Composite sp? flowers purple - wet ground at 14500 ft. seeds.
- 18344 Gentiana sp? fl. blue, alpine meadows 14500 ft.
- 18345 Gentiana herb. fl. blue " " "
- 18346 Gentiana sp? fl. blue & yellow " " "
- 18347 Gentiana herb. " " "
- 18347a Grass (Agrostis) unicate
- 18348 large tree oleac? dry slopes of Mekong tree 40-50. seeds.
- 18349 Larix sp? tree 40 ft. slopes of Fuchuan shan 13000 ft.
- 18350 Rhod. sp? shrub 10 ft. fl. pink, leaves broadly ellipt. oblong elev 13000 ft. seeds.

Collected in Fun Chuan

shan.

- 18351 Rhodod. sp? shrub 8-10 ft. flowers blue alpine region, 13000 ft. seeds.
- 18352 Rhodod. sp? 1 ft. fl. pink leaves small ellipt glabrous seeds
- 18353 Rhod. sp? shrub 8-10 ft. leaves dark green fl. yellow alpine regions 13500 ft. seeds.
- 18354 Rhod. sp? shrub 2-3 ft. fl. pink, " " " seeds.
- 18355 Rhod. sp? shrub 3-4 ft. flowers pink " " " seeds.
- 18356 Rhod. sp? shrub 2-4 ft. flowers " " " seeds.
- 18357 Rhod. sp? shrub 2-4 ft. " rich red. " " " seeds.
- 18358 Dentyia sp? shrub 10-15 ft. fl. purple in forest 12000 ft. seeds.
- 18359 Rhod. sp? shrub 5-6 ft. flowers deep reddish black. alpine region 13000 ft. seeds.
- 18360 Impatiens sp? fl. large indigo, alpine meadows 14000 seeds

Coll. Fuchuan Shan.

- 18361 *Mecocarpus* sp. fl. dark blue, alpine meadows 14500 ft. seeds
- 18362 *Omphalocarp.* fl. dark blue leaves large. " seeds.
- 18363 *Mecocarpus*, fl. blue, in gravel and scree 15000 ft. seeds
- 18364 *Mecocarpus* sp. fl. dark blue leaves lyrate spiny " " seeds.
- 18365 *Rhod.* sp. shrub 1-2 ft. fl. dark blue " 14500 ft. seeds.
- 18366 *Rhod.* sp? shrub 4-6 ft. fl. white leaves dense woolly brown 14500 ft. seeds.
- 18367 *Rhod.* sp. 2-3 ft. fl. large purplish red. alpine meadows among rocks seeds.
- 18368 ^{*Memocharis*} *Lilac. N. pardauntia*, fl. large white spotted purple, in scrub forest 11000 ft. seeds
- 18369 *Rhod.* sp. shrub 6-8 ft. fl. yellow alpine region 13500 ft. seeds.
- 18370 *Rhod.* sp. shrub 3-4 ft. fl. ? " " 14500 ft. seeds.

18871 Sorbus sp? shrub 10 ft. fl.

red, small, fruits reddish
alpine region 14000ft seeds.

18872 Sorbus sp? tree 15-20 ft.

fl. " " 14000ft. seeds.

18873 Rhod. sp? shrub 4-6 ft. fl.

yellow, " " " seeds.

18874 Primula sp? flowers reddish

purple, leaves dectate
yellow, alpine meadow
14500ft seeds.

18875 Rhod. sp? shrub 6-8 ft.

fl. pink " region 14500ft seeds?

18876 Rhod. sp? shrub 6-8 ft.

fl. pink " " " seeds

18877 Rhod. sp? shrub 5-6 ft.

fl. yellow " " " seeds.

18878 Rhod. sp? shrub 6-8 ft.

fl. pale red " " " seeds.

18879 Rhodod. sp? shrub 3-5 ft.

fl. red " " seeds?

18880 Rhod. sp? shrub 2-3 ft.

flowers purple " " seeds.

Coll. Fu chuan shan

18381 Rhod. shrub 1-3 ft. flowers

purple alpine region 14000 ft. seeds.

18382 Rhod. sp? shrub 5-6 ft.

fl. dark red. " " " seeds

18383 Rhod. sp? shrub. 6-8 ft.

fl. yellow " " " seeds.

18384 Rhod. sp? shrub or small

tree 15-18 ft. fl. purple.
— spruce forest 13500 ft. seeds.

18385 Rhod. sp? tree 15-20 ft.
flowers white.

leaves white beneath when
old, dark colored when young
spruce forest 13500 ft. seeds.

18386 Rhod. sp? tree 15-16 ft.

fl. red. petioles hairy, seeds.
spruce forest 12000 ft.

18387 Rhod. sp? shrub 6-10 ft.

fl. red? spruce forest " seeds.

18388 Rhod. sp? shrub 2-3 ft.

fl. yellow small
— bamboo growth. 13000 ft. seeds.

18389 Rhod. sp? shrub 1-2 ft.

fl. pink alpine region 14500 ft. seeds

18390 Rhod. sp? tree 25 ft. leaves
large most red beneath as are

the fruits. flowers yellow, seeds
alpine region 14500 ft.

18391 Rhodod. sp? tree 15-20 ft.
leaves large obovate oblong

flowers pink, alpine region
red brown beneath 14000ft seeds.

18392 Trientalis sp? fl. yellow,

alpine meadow, 14500ft seeds

18393 Rhod. sp? shrub 9-10 ft.

fl. red. alpine region no seeds.

Collected on Pa'ka shan west of Mekong

near north of Weiksi. Sept-Oct. 1949.

18394 Magnolia sp? tree 40 ft.

leaves large flower, white
forest 12500ft.

18395 Rhod shrub 3-5 ft. (see 17054)

fl. yellow. spruce forest 12000ft seeds.

18396 Rhod. tree 15-18 ft. fl. pink
see 17052.

alpine region 12000ft seeds

18397 Rhod. sp? (17053) tree 25 ft.

flowers yellow " " seeds

18398 Rhod. sp? (17083) which see

no seeds.

18399 Rhod. sp? tree 6-8 ft. leaves

large, obovate-oblong, greyish
black beneath, veins prominent
flowers very large white. seeds
forest slopes 10000ft.

18400 Rhod. sp? tree or shrub 6-10 ft.
fl. white leaves elliptical
grey beneath rich green above
forests eastern slopes of

Salween 10000ft. see 17055.

Collected on Pitsa shan

Salween valley

- 18401 *Primula* sp? fl. blue, see 17090 seed coll.
- 18402 *Rhodod* sp? tree or shrub 8-10 ft. fl. white (see 17082) 12500 ft. seed.
- 18403 *Rhod.* sp? tree 25 ft. (see 17070) fl. red. " " seed very few.
- 18404 *Rhod.* sp? shrub 8-10 ft. (see 17088) fl. white ab 12000 ft. in bamboo growth. seed.
- 18405 *Rhod.* sp? shrub (17073) fl. yellow alpine region 13500 ft. seed.
- 18406 *Rhod.* sp? shrub 4 ft. fl. deep red, " " " seed.
(see 17096).
- 18407 *Rhodod.* sp? tree 12 ft. fl. white (see 17081) 12500 ft. seed.
- 18408 *Rhodod.* sp? shrub 2-4 ft. flowers pale red (see 17078) seed.
- 18409 *Rhod.* sp? (see 17060) shrub 7-5-7 ft. fl. yellow, ab 12500 ft. seed.
- 18410 *Rhod.* sp? shrub 6-8 ft. fl. white? spruce forest 12000 ft. seed.

18411 Rhod. sp. (17066). tree 10-15 ft.

flowers white, forest at 12500 ft seeds.

18412 Rhod. sp. shrub 2-3 ft.
(see 17093)

fl. red leaves dark grey
dotted beneath. 13500-14000 ft seeds.

18413 Rhod. sp. shrub shrub 2-4 ft.

(see 17079) alpine 12500 ft. seeds

18414 Lycopodium sp. — forest at

~~10000~~ 10000 ft.

18415 Rhod. sp. shrub 5-6 ft.

fl. pink (see 17095) alpine 14000 ft seeds

18416 Rhod. sp. shrub 5-6 ft. pink

(see 17085. " " seeds

18417 Acer sp. (see 17061).

forest 12500 ft. seeds.

18418 Rhod. sp. shrub 6 ft. flowers

pink (see 17092?), elev 11000 ft. seeds.

18419 Acer sp. (see 17062).

— forest at 12500 ft seeds.

18420 Rhod. sp. tree 10-12 ft. fl.

red. (see no 17084) — forest 12000 ft seeds.

18431 Rhod. sp? shrub 2-4 ft.

fl. white. (see no 17068).

alpine 12500 ft.

seeds.

18432 Eukianthus sp? tree 10-12 ft.

(see no: 17059) open (rest 11000 ft) seeds.

18433 Tree see 17057 Eukianthus

sp?

seeds.

18434 Rhod. sp? shrub see 17087
Vernicata

seeds.

18435 Acer sp? see 17071.

seeds.

18436 Eukianthus sp? (see 17064)

seeds

18437 Hydrangea sp? see (17094)

seeds

18438 Legum. tree 50-60 ft.

on banks of Mekong near Weiksi.
Sept. Oct. 1929.

18439 Rhodol sp? see 17040 coll. on

Fuchuan shan

seeds.

18440 Rosa sp? see 17101 collecto-

Tapao shan

seeds.

Collected on

~~Tapo~~ Tapao shan

18431 Rosa sp. see no 17103

seeds.

18432 Rhod. sp. ? see no 17128

no seeds.

18433 Rhod. sp. ? see no 17124.

seeds.

18434 Rhodod. sp. ? shrub 6-8 ft.

fl. ? Tapao shan -
spruce forest 11000 ft.
not previously collected.

seeds.

18435 Rhod. sp. ? (see no 17102)

seeds.

18436 Rhod. sp. ? (see no 17106)

seeds.

18437 Rhod. sp. ? (see no 17110)

seeds.

18438 Rhod. sp. ? (see no 17122)

seeds.

18439 Rhod. sp. ? (see no 17120)

seeds.

18440 Rhodod. sp. ? (see 17125)

seeds.

- | | | |
|-------|---------------------------------|-------------|
| 18441 | Rhod. sp. (see 17121) | <u>seed</u> |
| 18442 | Rhod. sp. (17113) | <u>seed</u> |
| 18443 | Rhod. sp. (17105) | <u>seed</u> |
| 18444 | Rhod. sp. (see no 17116) | <u>seed</u> |
| 18445 | Rhod. sp. (see no 17107) | <u>seed</u> |
| 18446 | Rhod. sp. (see 17123) | <u>seed</u> |
| 18447 | Rhod. sp. (17118) | <u>seed</u> |
| 18448 | Rhod. (see 17130) | <u>seed</u> |
| 18449 | Rhod. sp. (17127) | <u>seed</u> |
| 18450 | Rhod. (17109 17109) | <u>seed</u> |

18451 Rhodod. sp? (see no 17119)

seeds.

18452 Rhod. sp? (see no 17126)

seeds

18453 Rhodod. sp? (see no 17108)

seeds.

18454 Rhod. sp? (see no 17112) this is

not identical with 17112.

seeds.

shrub 2 ft. alpine meadows of
Tapaoshan 14000ft.

18455 Rhod. sp? (see no 17136) —

~~seeds.~~
seeds.

Hempu pai shan.

18456 Rhod. sp? (see 17133).

seeds.

18457 Rhod. sp? (see no 17131)

seeds.

18458 Rhod. sp? (see 17134)

seeds

18459 Rhodod. sp? tree 15-18 ft.
leaves large oblong fl.?
red brown waxy beneath.

Hempu pai shan among
spruces near cliff elev. 12000ft
previously not collected.

seeds

18460 Rhod. sp? (see no 17135)

seeds.

18461 tree (see no 17174).

seed.

18462 Rhodod. sp? (see no 17171).

seed.

18463 Rhod. sp? (see no 17169)

seed

18464 Rhod. sp? (see no 17178).

seed.

18465 Rhod. sp? (see no 17151)

~~leaves white woolly beneath.~~

seed

18466 Rhod. sp? (see no 17150)

leaves white woolly beneath

seed.

18467 Rhod. sp? (see no 17148)

leaves large lanceolate grey woolly beneath.

seed.

18468 Rhod. sp? (see no 17146).

seed

18469 Rhod. sp? (see no 17147)

seed

18470 Eukiantus sp? tree (see no 17143)

seed

18471 Rhod. sp. (see no 17148)

seeds.

18472 Eukianthus sp? (see 17142)

seeds

18473 Rhod. sp. (see no 17144)

seeds.

18474 Rhod. sp. tree 15 ft. - 20 ft. flowers.

leaves oblanceolate brown to fawn - colored flocculose beneath. western slopes of Pitsapshan Salween 14000ft not previously coll.

seeds

18475 Rhod. sp? shrub 5-6 ft. fl.? leaves dark greenish glaucous

"not previously collected."

seeds

18476 Rhodod. sp? shrub 2-3 ft. fl.?

leaves dull green glaucous.

same loc. as 18474

seeds.

18477 Rhod. sp? tree 10-15 ft. fl.? leaves oblanceolate dark dull green above, dull brown beneath.

same loc. as 18474 not previously coll.

seeds

18478 Ca. ifer tree 40 ft. fruits plum like

Rutien below Pitsapshan elev 10500ft.

seeds

18479 Punicera sp? shrub 4-5 ft. fl.?

fruits bluish black Fuchuan shan 13000ft

seeds

Collected in N. West Yunnan in the

mountain of Luidii west of the Yangtze. July 1929. region 13000ft. fruits black.

18480 Juniperus sp? 3-4 ft. alpine

18481 Juniperus shrub or tree 7-10 ft.

same loc. as no 18480.

18482 Rhodod. sp? shrub 10 ft. fl. yellow;

leaves glabrous - spruce forest 12500 ft.

18483 Juniperus sp? shrub 6-8 ft.

same loc. as 18480.

18484 Rhodod. sp? shrub 6-10 ft. leaves

pale brown beneath fl.? alpine region
14000 ft.

18485 Delphinium sp? fl. blue, - meadow

of Gaba, north of Likiang 11000 ft.

18486 Abies sp? tree 50-60 ft. cones
west of Yangtze.

dark bluish black smooth, leaves large
linear white beneath, forests of Likiang

18487 Abies sp? tree 50-60-80 ft. cones
in the Yangtze loop. elev. 10000 ft. -
11000 ft.

large oblong pyramidal brown smooth
scales broad, east of Gaba near Ngaza

18488 Abies sp? tree 40-50 ft.
snow range elev 12500

cones smooth oblong, forests of Likiang
-15000 ft. ~~collected~~ July-Aug. 1929. ✓

18489 Picea sp? tree 30-40 ft. forests of

Gaba north of Likiang, eastern slopes
Likiang snow range. 11000 ft. seeds

18490 Picea sp? tree 40 ft.

" " " " " seeds

18491 *Tsuga* sp? tree 50-60ft - 150ft.
snow range, elev 11500ft.

cones very small, *Pikiang*
Aug. 1929. ✓

18492 *Abies Forresti* tree 30-50ft

Pikiang snow range eastern slope
12500ft. elev. Aug. 1929

18493 *Abies* sp? tree 30-40ft.
slopes, cones obovate -

Pikiang snow range eastern
oblong scales smooth brown
12000ft

18494 *Abies* sp? similar to 18492

eastern slopes of *Pikiang* snow range
13000ft. Aug 1929.

18495 *Rhodod.* sp? tree 20ft. leaves
flowers large pink, forests

large chocolate colored beneath
of Karadi elev 11200ft east of Kulu.
July 1929

18496 Repugnans vine, fl. greenish
near limestone cave,
Uniculate

yellow, at Reudjoun elev 10500ft.
between Uuli and Vudju. *Lychnis*.
July 1929

18497 *Primula* sp? fl. pale bluish -
cliffs; lime clay ~~on~~

pink (on drying darker). on limestone
the walls of a cave at Reudjoun same
loc. as 18496.

18497a Orchid Uniculate

18498 *Pteris* in company with 18497

18499 Fern same locality as

18497

18500 *Parussia* sp? flowers white

- fir forest clearing meadows of Ape
13500ft. Mt Jibba south
of Kuli. July 1929.

Collected in the mountain
north west Yunnan

of "Lüdi" west of the Yangtze -
August 1929.

18501 Acer sp. tree 30-40 ft.

fruits small, in forest at
12000 ft.

18502 ^{Taxus,}
Camper tree 40 ft. fruits red

forests of "Lüdi" elev 12000 ft.
seeds.

18503 Begonia sp. fl. pink

on cliffs in shade 9000 ft.

18504 Lilium sp. flowers yellow

in pine forest 10000 ft.

18505 Composite fl. yellow,

" " "

18506 Anemone japonica,

" " "

18507 Saxifrage, fl. yellow

" " " on rocks

18508 Ligum. (climber) vine fl.

blue " " "

18509 shrub 7-10 ft.

forests of "Lüdi" 9000 ft.

18510 ~~Primula~~
Primula sp. fl. dark blue,

meadows, 13000 ft. "Lüdi"

- | | | |
|-------|---------------------------------------|--|
| 18511 | <i>Pentstemon</i> herb, fl. dark | stead blue, meadows and forest outskirts of <i>Pindus</i> 13000ft. |
| 18512 | <i>Rhodod.</i> sp. shrub 1-2ft. | alpine region of <i>Pindus</i> 13500ft. |
| 18513 | Umbellifer, fl. white | " " " " |
| 18514 | <i>Syringa</i> sp. tree 20ft. fl. | lavender - spruce forest of <i>Pindus</i> 13500ft. |
| 18515 | <i>Viburnum</i> sp. shrub 6-8ft. | " " " " |
| 18516 | orchid sp. fl. pink, | - pine forest 11000ft <i>Pindus</i> . |
| 18517 | <i>Pedicularis</i> sp. flowers yellow | in meadows of <i>Pindus</i> 10500ft. |
| 18518 | <i>Pichu</i> , on rocks in alpine | region of 14500ft. |
| 18519 | <i>Delphinium</i> sp. - meadow | 12500ft <i>Pindus</i> |
| 18520 | <i>Rhodod.</i> sp. 6-8ft. fl.? | pink? - spruce forest 13000ft <i>Pindus</i> . |

18591 herb fl. purple, meadows

18592 Primula Bessiana?

18593 Schima sp. tree 40-50 ft.

18594 Acer sp. tree 25 ft. leaves

18595 Gnaphalium sp. among

18596 Picea Likiangensis? tree
cones slender oblong pale
slopes of Likiang snow range

18597 Abies sp. tree 30-50 ft. leaves large
obovate-oblong. upper slopes

18598 Keteleeria sp. tree 40-50 ft.
when old, dry region Yangtze

18599

18590 Gentiana

of Likiang 11000 ft.

- swampy meadow 12000 ft.

fl. white fragrant. - pine forest
8000-9500 ft. Likiang.

whitish gray beneath. in company
with 18522.

rocks Likiang 13500 ft.

50-80 ft. leaves very small planar
branches. Main of Pala eastern
11200 ft. Nov. 1929.

broader than Abies For. cones smaller
Likiang snow range 14500 ft
Berchovata. Nov. 25/1929.

crowns spreading
gorges at Topblo & ~~Top~~ Upaza
elev 9000-7000 ft. Nov. 1929.

Likiang snow range elev. 12500 ft
Shuma Kolo

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