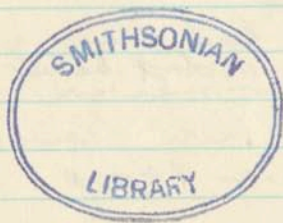


H Rocks J F

number on spine
should be

16001-18530

Plants collected in
N.W. Yunnan 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 7. May
Youngling near Wualapi 1928.
elev. 9300ft flowers purplish.

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

16003 *Jynus* sp? tree 15 ft. flowers
white, Vudju, Kunli territory
Beckman, elev. 10000ft. May 24th.

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

16005 *Rhodod.* sp? flower - small flabell
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. Beck. Kunli road. elev. 11000ft
May 25th

16008 *Uridac.* herb flowers yellow in alpine
meadow elev. 11500ft below Mt. Piboh May 25th
photographer meadows.

16009 *Uridac* herb flowers purple
same loc. as 16008 May 25th.

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

P. West Beckman Kunli Territory
May - June 1928.

Plant of S. W. Reckman Muli
Mt. Piboh elevation 13000 ft.

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

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

16013 *Rhodod.* sp? tree 15-18 ft.
forests of Mt. Piboh in company

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

16015 *Rhodod.* sp? shrub 6-10 ft.
white forest of Mt. Piboh. elev.

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

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

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

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

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

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

yellow petals reflexed in swampy
Muli-Yamung watershed elev. 13000 ft.

same locality and in company with
flowers large deep purple.

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

thick leathery, flowers pink, forests
ft. on Mt. Piboh. flowers on long

flowers on slender pedicels, pinkish
13000 ft.

alpine meadows of Mt. Piboh, with

dark purplish blue, swampy meadows

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

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

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

S. W. Beckman Muli Territory
Mt. Piboh, Muli-Young

- 16021 *Primula* sp.? flowers dull
elev. 13000ft especially along
- 16022 *Incarvillea*, sp.? flowers
slopes (northern slopes) of Mt.
- 16023 *Salix* sp.? shrub 6-8 ft.,
13000ft.
- 16024 *Rhodod.* sp.? shrub 10ft.
Salix no 16023 and *Abies* etc.
- 16025 *Primula* sp.? flowers pale
grasslands on edge of fir forests
- 16026 *Ranunculac.* herb. flowers
stock in shady banks in
- 16027 *Primula soucheifolia* flowers
— moss shaded fir forests of
- 16028 *Primula* sp.? flowers drooping
slopes of Mt. Piboh, elev 13000ft
- 16029 *Rhodod.* sp.? shrubs 4-5 ft.
forests, elev. 13000ft. May 25
- 16030 *Econyurus* sp.? shrub 5-10 ft.
Quercus semecarpifolia forests

northern and southern slopes of
Muli watershed, elev. 13000-13500ft.
May 25th 1928. J. F. Rock.

purple, alpine meadows of Mt. Piboh,
trail, S. W. Beckman. May 25th 1928

uncapitared, on muddy gravelly
Piboh, elev. 13000ft.

forest outskirts of Mt. Piboh, elev.

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

purplish blue with yellow eye, surrounding
13000ft on Mt. Piboh. May 25th

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

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

purple, — alpine meadows northern
May 25/1928.

flowers deep pink, Mt Piboh fir
1928.

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

16031 *Rhados. sp?* shrub 10ft,
fir forest of Mt. Siboh ebr.

16032 *Allium sp?* flowers white
Mt'gupa, western slopes, ebr
back or west of Muli'pomba.

16033 Composite, flowers yellow
western slopes, west of Muli'

16034 *Carapana sp?* prostrate shrub
western slopes of Mt. Mt'gupa

16035 *Salix sp?* shrub 8-10ft.
of Mt. Mt'gupa west of Muli'.

16036 *Salix sp?* semi-prostrate shrub,
Mt'gupa, ebr. 13000ft.

16037 *Rhados. sp?* shrub 4-5ft,
western slopes of Mt. Mt'gupa

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

16039 *Rhados. sp?* shrub 10ft tall

16040 prostrate shrubs on edge of
western slopes, west of Muli',

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

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

— alpine meadows of Mt. Mt'gupa
pomba, ebr. 13000ft June 1928.

among limestone rocks ebr. 13500ft.
June 1928. flowers yellowish and
purplish plsk.

along streams 12000ft. western slopes
June 1928.

among rocks on western slopes of Mt.
June 1928.

flowers lavender blue, — fir forest
west of Muli'.

on edge of alpine meadows, west
Mt'gupa. ebr. 12500ft June 1928.

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

forest near summit of Mt. Mt'gupa
pomba 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 *Lilium* herb flowers deep
Mt. Ni'zuga.

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

16048 Labiate flowers yellow,

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

16050 *Ranunculus* herb flowers,

along brooks alpine meadows west
Mt. 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 30-40 ft. bark red, elev. 10000-11000 ft. western slopes. 85001
- 16053 *Androsace* sp? cushions of Muli'pamba. Mt. Mi'zuga plant among rocks 14000 ft west flowers pinkish red. 85001
- 16054 *Salix* sp? shrub 3 ft. alpine meadows of Mt. Mi'zuga, elev. 13000 ft. 85001
- 16055 *Androsace* sp? flowers white, same loc. as 16053. 85001
- 16056 *Primula* sp? flowers lavender purple, among rocks 11500 ft Mt. Mi'zuga western slopes. 85001
- 16057 herb. plant flowers purple same loc. as 16056. 75001
- 16058 *Allium* sp? flowers white same loc. as 16056 85001
- 16059 *Solmslaubachia* sp? flowers lavender blue, leaves linear small, among rocks 13500 ft. western slopes of Mt. Mi'zuga. 85001
- 16060 *Rhados.* sp? shrub 3-4 ft, flowers purple, pedicels hairy, leaves thick ~~leathery~~ leathery alpine scrub or meadows 13500 ft. Mt. Mi'zuga. 85001

16061 Rhodod. sp? shrub 5-6 ft.
red beneath, wooly flowers white
Muli

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

16063 Caragana, prostrate shrub,
yellowish pink, vester

16064 Sorbus shrub or small
west slopes of Mt. Mitupa

16065 Larix sp? same as

16066 Primula sp? along brooks,
white, alpine meadows
west Mt. Mitupa.

16067 Liliac herb, flowers green
Mt. Mitupa. elev. 12500 ft.

16068 Ranuncul. herb, flowers
Mt. Mitupa elev. 12500 ft.

16069 Primula sp. flowers purple
elev. 12500 ft also in shaded

16070 Salix sp? tree 10 ft.

leaves thick leathery cinnamon
rocky slopes of Mt. Mitupa west of

very short; elev 11500 ft, Mt. Mitupa

very spiny elev. 15000 ft flowers
slopes of Mt. Mitupa 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 5 winglets.

yellow; wet alpine meadows,

, alpine meadows Mt. Mitupa,
forests.

western slopes of Mt. Mitupa.
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 5-6 ft.
Mt. Mitzupa.

16075 *Iris* sp? flowers deep purple,
Mt. Mitzupa.

16076 *Guaphalium* sp? flowers
12500 ft elev.

16077 *Incarvillea* sp? flowers purple
Mt. Mitzupa 13000 ft.

16078 *Rhodod.* sp? shrub 3-4 ft.
alpine regions of Mt. Mitzupa

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

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

lanceolate, flowers deep purple
alpine meadows of Mt. Mitzupa.
western slope of Mt. Mitzupa, elev.
12000 ft.

blue, same loc. as 16072.

alpine meadow western slopes of Mt.

alpine slopes dry regions elev 12500

pinkish rocky slopes of Mt. Mitzupa

leaves small, wet gravelly slopes,

leaves leathery flowers pink,
13000 ft.

alpine regions of Mt. Mitzupa,
elev. 13000 ft.

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

16081 Rhodod. sp? shrub 1 ft. flowers
slopes of Mt. Mitzuga. 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. Mitzuga.

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

16086 Berberis sp? flowers yellow

16087 Oxyphthallopraine, flowers deep
Mt. Mitzuga 13000 ft.

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

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

16090 Cotoneaster sp? flowers red

dark purplish blue, rocky alpine

white with pinkish tinge, spotted
Mitzuga. 13000 ft.

alpine region wet meadows, Mt.
Mitzuga 12000 ft.

white small fragrant. rocky slopes

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

rocky slopes of Mt. Mitzuga, 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. Mitzuga
among rocks 12000 ft.

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

16101 *Primula* sp? flowers deep purple
of Mt. Mi'kupa 13000ft. elev.

16102 orchid, flowers yellow
10000ft. Mt. Mi'kupa.

16103 herb, flowers blue, same loc.

16104 *Liliac.* plant flowers large

16105 *Tsuga* sp? tree 40ft. forest

16106 shrub, 1 ft. tall flowers
elev. 10000ft.

16107 *Arisaema* sp? flowers white

16108 Labiate, plant 2 ft, flowers

16109 *Asclepiad.* vine flowers yellowish

16110 *Paeonia* sp? shrub 1-2 ft.

- fir forest and alpine meadows

meadows of Mt. Mi'kupa, elev.

as 16102.

yellow, same loc. as 16102

of Mt Mi'kupa 11000ft.

reddish, lower slopes of Mt. Mi'kupa

grassy slopes of Mt Mi'kupa, elev.
10000ft.

yellowish-purplish same loc. as
16107

- purplish tinge. same loc. as 16107

flowers yellow, same loc. 16107.

16111 Rhodod. sp.? shrub 6-8 ft.
forests of Mt. Piboh northern slopes

flowers sulphur yellow,
elev. 12000 ft. May 26th 1948.

16112 Rhodod. sp.? shrub 8 ft. flowers

pinkish purple, slopes of Mt Piboh
same loc. as 16111

16113 Liliac. plant flowers white
northern slopes of Mt. Piboh S.W. Ex.

on mossy banks in spruce forest
elev. 12500 ft. May 26th 48.

16114 Rhodod. sp.? shrub 8-10 ft.
same locality as 16111.

flowers pale pink to smoke colored

16115 Rhodod. sp.? shrub 8 ft. near
northern slopes. May 26th/28.

summit of Mt. Piboh elev. 13000 ft
flowers dark bluish purple.

16116 Spiraea sp.? shrub 6-8 ft.
Sili 9300 ft elev. May 26. 48.

flowers white, Mili valley near

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
elev. S.W. Exhuan

along stream near Mili (Muli) 9600 ft

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 forest. small dark red to black, along trail southern slopes of Mt. Piboh, edge of pine
- 16127 *Pieris* shrub 5-6ft flowers white elev. 10000ft. Muli valley.
- 16128 *Lythrac.* 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.
- Orchid

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

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

16133 Quercus semicarpifolia,

16134 Enonymus sp? tree 10-15 ft.

16135 Tree 10-20 ft. flowers white

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

16137 herb flowers white dry rocky

16138 Cotoneaster sp? shrub 4-5 ft.

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

16140 Meliosucca sp? Litang river

pendant raceme in Litang
June 1928. Muli.

with large straggling branches, leaves
in herbaceous, Tupa forest of Mt. Muli.

shrub 2 ft. Muli valley 9500 ft elev.
June 1926.

flowers yellow, same loc. as 16133.

same loc. as 16133.

flowers pale lavender, Litang river
June 1928.

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

flowers white same loc. as 16137

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

valley slopes flowers cream-colored
elev. 8500 ft. June 1928.

- 16141 *Acer* sp? tree 15-20 ft. Litang river valley, elev 9000 ft. June 1928.
north of Muli
- 16142 *Careus* sp? tree 15-20 ft. flowers white same loc. as 16141.
- 16143 *Juniperus* sp? shrub 4-5 ft. same loc. as 16141.
- 16144 *Cotoneaster* sp? shrub 3-4 ft. " " "
- 16145 herb flowers white moist banks same loc. as 16141.
- 16146 *Cotoneaster* sp? shrub 3-4 ft. flowers white Litang river valley
north of Muli. elev. 9000 ft.
- 16147 *Cotoneaster* sp? shrub 4-5 ft. flowers? same localities 16146.
- 16148 *Rhododendron* sp? shrub 2 ft.,
Muli valley elev. 9000 ft.
- 16149 Lichens forest of Djaga east of Muli - spruce forest elev. 11000 ft.
June 1928.
- 16150 *Diapeltis* forest of Djaga, same loc. as 16149.
flowers cream-colored orange tinge.

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

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

16153 Scutylia sp? shrub 4-5 ft.

16154 Rhodod. sp? shrubs 12 ft.
Djago forest. elev. 12000 ft.

16155 Rhodod. sp? shrub 6 ft

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

16157 Peonia sp? shrub 5 ft. flowers

16158 Rhodod. sp? shrub 2-3 ft.

16159 Monocot. flowers greenish,

16160 Spiraea sp? Kopati along

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

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

flowers white same locality
as 16151.

flowers lavender & pink, Kopati-
Muli district.

same locality as 16154.

pink, spruce forest clearings at
Kopati east of Muli;

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

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

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

stream 10500 ft. June 1928.

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

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

16163 ~~Sp.~~ *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 Djapo east of Muli

16165 ~~the~~ *Juncovillea* sp? alpine
elev. 12500-13000 ft.

16166 *Primula* sp? flowers yellow

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

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

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

16170 Labiate, flowers lavender
alpine meadows of Mt. Mtizupa

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

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

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

flowers white, with 16163 - forest
photographed this with *Tsuga*.
neg. no. 165. June 1928. see negative 166.
meadows of Mt. Mtizupa western slopes
June 1928.

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

flowers purplish red, along water courses
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.

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

Mts. Mt. Ngapa, western slopes, Muli;
river. June 1928.

territory, south east of Shou chu

- 16171 *Paeonia* sp? flower pink, in
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 Shou chu. flowers pinkish purple, in spruce
territory.
- 16173 *Saxifrage*, flowers purplish
and spruce, elev. 13500 ft. red, leaves thick fleshy in forest of fir
below Sateroka camp northern slopes.
- 16174 *Primula* sp? ^{nudicaule H. Max.} lavender pink
see photograph no 47147
same loc. as 16173. flowers, eye white in mossy forests
of fir with *Rhodod.* elev. 13800 ft. - 14000 ft.
- 16175 *Primula* sp? flowers pale blue
and oak forest south west of Muli,
eye yellow, rocky dry slopes, in pine
elev. 11500 ft. June 1928.
- 16176 *Primula sino-purpurea*?
Muli, elev. 14000 ft. flowers
swampy meadows, back of Mt. Mt. Ngapa
deep purple.
- 16177 *Caragana* sp? shrub 1 ft high
rocky slopes and crevices, at of limestone
elev. 14000 ft. spreading, flowers yellowish pink,
crags western slopes of Mt. Mt. Ngapa
- 16178 *Rhodod.* sp? shrub 1-2 ft, flowers
of Mt. Ngapa near Sateroka 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,
Mt. Ngapa, elev 13500 ft.
- 16180 *Pilinc.* flowers green in sharp
Mt. Ngapa, elev. 14000 ft. June 1928
limestone crevices below crags of Mt.
north western slopes.
Specimen given Luringle

- 16181 *Potentilla* sp? spreading herb,
elev. 14000 ft near Yang
flowers yellow in gravelly slopes,
mo-tso-tso pass, back of Mt. Ku'tupa.
- 16182 *Lepidium* herb prostrate
in alpine meadows 14500 ft.
flowers yellow, back of Mt. Ku'tupa
between Sateroka and Sen hyi'ssu.
- 16183 *Anemone* sp? flowers white at
alpine meadows,
camp Sen hyi'ssu, 14300 ft.
- 16184 *Ribes* sp? shrub 3-4 ft. alpine
sau.
meadows, elev. 13000 ft below Sen hyi'ssu.
- 16185 *Crucifer*, flowers white in water,
courses with *Primula* same loc.
as 16184.
- 16186 *Lonicera* sp? shrub 1-2 ft. flowers
yellow, in Rhod. scrub, elev. 16400 ft.
at Shi'Khain.
- 16187 *Ranunculus* herb flowers yellow
tso-tso and Sateroka.
alpine meadows between Yangmao-
elev. 14600 ft.
- 16188 *Potentilla* sp? flowers yellow,
leaves green, same loc. as 16187.
- 16189 *Cypripedium* ^{Fr.} *luteum* prosey
Sateroka and Ruteh
photographed this species.
- 16190 *Primula* sp? flowers lavender
near Sateroka, elev 14200 ft.
blue, swampy [↑] shady places in oak forest
(exp. no. 47132 Mt. Leog)

- 16191 *Primula* sp.? flowers orange yellow alpine region in shady forest of fir
elev. 14300ft. forest of *Sen hui* ssu.
- 16192 *Rhodod. croceum* B. & T. flowers yellow forest of larches below
Rhodod. sp.? shrub 10-15 ft. photographed this species (autochrome)
Sateroha en route to Rentsuh.
elev. 13000ft.
- 16193 *Sorbus* sp.? forest of Sateroha tree 15 ft, flowers white, with *Rhododend.*
elev. 14300ft.
- 16194 *Rhodod. timetum* B. & T. flowers lavender blue, photographed
Rhodod. sp.? shrub 15-18 ft. camp en route to Rentsuh. elev. 13000ft.
with 16192, forest below Sateroha
- 16195 *Pedicularis* sp.? herb, flowers purple in alpine meadows of back of Mt. Mit'zuga
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. Mit'zuga foot of lime stone craps.
- 16198 *Euphorbia* sp.? in gravelly slope western slopes of Mt. Mit'zuga.
elev. 15000ft.
- 16199 herb, flowers yellow, same loc. as 16198.
- 16200 Orchid flowers purple clayey soil alpine regions under willow scrub, elev
14500ft. Mt. Mit'zuga.

- 16201 Leguminous plant prostrate flowers
western slopes, elev. 14400 ft. purple, gravelly slopes of Mt. Mtizupa
- 16202 Anemone, on limestone crags
Mt. Mtizupa western slopes, elev. 15000 ft., flowers delicate lavender,
- 16203 Primula sp? flowers deep purplish
pa elev. 15000 ft. beyond camp - blue alpine meadows back of Mt. Mtizupa
Sen hyi'ssu.
- 16204 Solms-Laubachia? sp? flowers,
screes back of Mt. Mtizupa elev. flowers pinkish-blue, on limestone
15300 ft.
- 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' tall
flowers purplish red. high limestone scree with 16204 and 16205
- 16208 Ericac. plant flowers cream-colored on limestone crags 15300 ft same
loc. as 16204.
- 16209 Androsace spinulifera flowers
11000 ft. Mtizupa rich pink, pine forests of Mt. Mtizupa
- 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. Mitzupa, Nuni.
- 16213 *Lonicera* sp.? shrub, 10 ft., flowers pale yellow, same loc. as 16212.
- 16214 Lichen from forests of northern exclusively on *Abies* sp.? elev. slopes of Mt. Mitzupa Sateroka camp, 14300 ft. Nuni.
- 16215 Lichen same loc. as 16214, on firs.
- 16216 Lichen, same loc. as 16214, " "
- 16217 Labiate, flowers yellow, forest beyond Sateroka, fir forest, 14000 ft.
Mt. Mitzupa.
- 16218 *Rhodod.* sp.? shrub 1-2 ft., flowers bluish-purple, alpine region of Mt. Mitzupa 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. Mitzupa, Nuni; western slopes.
- 16220 *Crucifer*, flowers yellow in screes below limestone crags of Yang mo too to
elev. 14900 ft. northwest slopes of Mt. Mitzupa.

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

- 16231 *Picea* sp? tree 50-100ft. - 150ft
alpine meadows, elev. 12600ft. see photo, bordering Rarotonga (no. 212.)
north west slopes of Mt. Ni'ihua.
neg. no. 47340 had. frag.
- 16232 *Muscovida* sp? flowers white
elev. 12000ft. below Rarotonga in forest of spruce
- 16233 *Rosac.* shrub 3ft. same loc. as 16232, flowers white.
- 16234 *Rubiac.* herb flowers yellow
elev 12000ft above Rarotonga. fragrant, rocky slopes in pine forest
- 16235 *Leptodermis* sp? flowers pink
shrub 3ft. same loc. as 16231.
- 16236 Composite forming flat rosette
elev. 14200ft. near Pateroha. flowerheads purple - alpine meadows
north west slopes of Mt. Ni'ihua.
- 16237 Composite flowerheads rich
western slopes of Mt. Ni'ihua, yellow alpine meadows 14600ft,
Kuli.
- 16238 *Aster* sp? ray ~~fls~~ florets deep
purple, same loc. as 16237
- 16239 Umbelliferae flowers white in
slopes of Mt. Ni'ihua, limestone screes elev 14900ft. northwest
- 16240 *Meconopsis* sp? flowers steel-
blue, same loc. as 16239.

16241 cushion plant on limestone crags
flowers?

16242 Composite, rosette plant - alpine
Yang neb 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 Crucif. 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 hejissen

loc. as 16241.

- 16251 *Corydalis* sp.? flowers pale cream,
 elev. 15600 ft. western slope of Mt.
 Nitzhupa, Muli' mountain.
- 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. Nitzhupa
 Muli'.
- 16255 *Anemone* sp.? flowers deep purple.
 same loc. as 16254.
- 16256 herb flowers reddish green,
 same loc. as 16254.
- 16257 *Primula* sp.? flowers pink on
 Muli' valley.
 moist banks near Muli', elev. 10000 ft.
- 16258 Composite flowers yellow -
 pine forest near Muli' 10500 ft.
- 16259 *Psueriac.* plant on limestone
 mountain, elev. 10500 ft.
 boulders, flowers yellow, Muli'
- 16260 *Morina* sp.? flowers purple, west of Muli', - larch forest 11500 - 12000 ft.

16261 *Primula* sp? flowers ~~to~~ wine colored
Nuli, 12000 ft. elev.

16262 *Aster* sp? florets deep purple,
open meadows. 12500 ft.

16263 Composite flowers yellow,

16264 orchid, flowers pinkish purple,
into spruce forest elev. 12500 ft.
west slopes of Mt. Mt. Tupa, Nuli'teri

16265 *Delphinium* sp? flowers white,
with *Jasminum*, *Ostrya* etc.

16266 herb. flowers pink, same loc.

16267 *Primula* sp? flowers lake-colored
Djahu gorge elev. 10000 ft.

16268 *Delphinium* sp? flowers greenish,
of Shanabadji, tributary of Djahu,
elev. 8700 ft.

16269 *Asclepiad.* vine over shrubs -
flowers pale pink.

16270 *Primula* sp? moist banks
flowers purple.

in shady banks under shrubs, west of

same locality as 16261 but -

same loc. as 16262.

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

✓ dry gorge of Shou chu, 9200 ft. elev.
north west of Nuli'.

as 16265 on dry rocky banks.

purple, drooping water courses of the
tributary of the Shou chu.

forests of the Jogachu the glacier stream

Shou chu gorge, north west of Nuli', 9000 ft.

in Shou chu gorge, 9600 ft.

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 Lysichitum 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

Paroutou, elev. 12600ft flowers
not. Not. Yupa.

4 ft. dry gorge of Shou chu 9000ft.

arid gorge of Shou chu, elev. 9000ft.

creak, 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. Kunka (eastern) above Paruk
elev. 9300ft.

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 *Deutzia*? 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, 14500 ft. camp Kai Khaim

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 meadow,
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. Nu'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~~ Jhon zbe Jhon pass 15000ft.
16294 *Primula* sp.? alpine meadow,
Dodge, elev. 15200ft Sainyo Katsa.

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

16296 *Omphalogramme* ^{*vinciflorum* 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 Garuh, ~~alt~~

below Dzambala foot of Mt. Shauan-
Mt. Kouka. flowers deep purple,

in alpine meadows above Garuh,

same loc. as 16295. flowers deep
neg. no 47147 Mt. Japgr. loc.

water courses same loc. as 16295.

alpine meadows of Mt. Kouka
Mt. Shanandadji.

as 16298 on grassy slopes.

flowers white.

- 16301 *Brucifer* flowers yellow
of Mt. Kouka, elev. 15000ft.
on limestone crags eastern slopes
Mt. Shanondadji.
- 16302 *Lonicera* sp. flowers yellow,
same loc. 16301.
- 16303 *Brucifer*, flowers lavender purple,
same loc. 16301.
- 16304 *Pedicularis* sp.? summit pass
elev. 15000ft. flowers purple,
of Jkon zse gkon alpine meadow,
- 16305 legum. herb, flowers purple,
Uniculate?
same loc. as 16304.
- 16306 *Pedicularis* sp. flowers white
Kouka elev. 15300ft. eastern slopes.
and purple, alpine meadows of Mt.
- 16307 *Pedicularis* sp. flowers pale pink
same loc. as 16306.
- 16308 *Primula* sp.? flowers deep purple,
same loc. as 16306.
- 16309 *Acantharctis*. herb, cliffs and crags
Shanondadji.
of Mt. Kouka eastern slopes, elev. 15400ft.
- 16310 *Rhodod.* sp.? shrub 15ft. flowers
Jkon zse gkon pass, Mt. Kouka
pinkish purple, Rhod. forest near
eastern slopes 15000ft.

16311 *Primula* sp? flowers reddish
summit pass *Phou 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
ling and *Muli* territory elev. 17000

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

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

16318 *Primula pseudosikhimensis*,
Sheureziq near lake *Rüssi* Chin,

16319 *Anemone* sp? flowers white same

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

^{prose} purple banks in *Rhor.* forest near
Mt. Kouka, *Shanandadji*, elev. 15000ft.
alpine meadows of Mt. Kouka,
prostrate creeping.

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

colored, on screes near *Djrapo-tze*
elev. 15300ft.

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

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

spikes 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
theuzig, elev. 15400ft Mt. Korka.

16323 *Primula* sp? flowers blue,
of theuzig, 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-
deudran 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 theuzig

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

alpine slopes meadows same locality

on rocky peaks east of Phanaudaji

white and pink, forest of *Scoropoma*
eastern slopes of Mt. Sheuzig.

same loc. as 16329.

16331 *Rosa* sp? shrub 10 ft, flowers
gomba. elev. 14600 ft. slopes of

16332 *Senecio* sp? flowers yellow,

16333 *Primula* sp? flowers pinkish
Sheurezip Mt. Kouka, elev. 14100 ft.

16334 *Rhodod.* sp? shrub 5-8 ft.
east of Tsenpu gomba, slopes of

16335 *Primula* sp? flowers white alpine
slopes of Sheurezip, Mt. Kouka,

16336 *Composite* sp? flowers yellow,
elev. 16500 ft.

16337 *Aster* sp? same loc. as 16335

16338 herb, flowers blue same loc.

16339 *Composites* on scree, elev. 16800 ft.

16340 *Labiata*, flowers pale blue,

large white in fir forest near Tsenpu
Sheurezip Mt. Kouka.

same loc. as 16331.

blue, meadows near Tsenpu gomba,

flowers white in larch forest elev. 13000 ft.
Sheurezip Mt. Kouka.

meadows of Bayu elev. 15700 ft.

in scree, same loc. as 16335,

as 16336 on scree 16500 ft. elevat.

slopes of Sheurezip near camp Bayu.

alpine meadows elev. 15700 ft.
camp Bayu Mt. Sheurezip Kouka.

16341 Composite, in scree near pass
17500 ft. Mt. Sheurezip, Kouka.

16342 Crucifer, flowers white - crevices in
el. 16700-17000 ft south east of

16343 Pedicularis sp. flowers cream-
as 16342, el. 16800 ft.

16344 Polygonum sp. flowers pink

16345 Delphinium alpine meadows near
Mt. Kouka.

16346 Silene sp. flowers purplish pink,
above camp Bayu, Koukalip

16347 Composite flowers yellow
el. 17000 ft between Bayu

16348 Aconitum sp? same loc. as

16349 Primula sp. flowers deep purple
slopes of Mt. Jambiyang, el. 15000

16350 Ericac. plant among rocks, slope
flowers white.

Jussa lake on high crags el.

boulders in Tatso nyonwu valley,
Sheurezip Koukalip territory ^{1st} Kouka.

colored, alpine meadows same localit

same loc. as 16343.

Camp Bayu, Koukalip, el. 15800 ft.

on gravelly slopes 16500 ft. above
Mt. Kouka

in screes in Tatso nyonwu valley
and Tseupugomba, Mt. Kouka.

16347, but at 16600 ft el.

only observed on Mt. Kouka on southern
K. Lawa top.

of Shamaudadje el. 16300 ft.
Mt. Kouka,

16351 *Corydalis* sp.? flowers blue on
Korika 16300ft.

16352 Composite in scree southern
hesi territory elev 16500ft.

16353 Composite, in scree northeast
elev 16300ft. Mt. Korika.

16354 Composite sp.? in loose scree
~~Unicats~~ also between loose slate, elev.

16355 *Juniper* sp.? tree 35ft. near
beyond Shingada camp.

16356 herb, flowers red in gravel

16357 Composite flowerheads yellow

16358 *Androsace* sp.? prostrate mat
Korika dryanase the Shanau-

16359 Leguminous plant flowers

16360 *Ranifer* flowers yellow, among
slopes, elev. 15300ft. Mt. Korika

slopes western slopes of Jambijung Mt.

slopes of Mt. Jambijung Mt. Korika, Touji

slopes of Shenrezip near Bayu camp,

southwestern slopes of Mt. Shenrezip
16500 near Chaddu camp. Mt. Korika.

foot of Shanauddodji glacier elev. 14500ft.
Mt. Korika.

same loc. as 16355.

same loc. as 16355

flowers pink, in glacier gravel at foot of
dodji glacier, elev. 14500ft.

yellow, same loc. as 16358.

rocks cliffs of Shanauddodji southern

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

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

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

- 16366 Rhododendron sp.? flowers
as 16361.

- 16367 Rhodod. sp.? shrub 10 ft., flowers
Konka.

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

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

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

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

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

Dzambala, south of Chanaudadji
Mt. Konka.

white, shrub 6-10 ft. same locality

pink, same locality as 16361. Mt.

autochrome flowers rich pink to
southern slopes of Jambiyang Mt. Konka

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

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

16371 *Primula* sp? flowers rich reddish
elr. among rocks, summit of

16372 Cushion plant, flowers white

16373 *Pedicularis* sp? flowers white
Mt. Kouka, 15700ft. elr.

16374 Leguminous herb, same

16375 *Pedicularis*, flowers purple,

16376 *Allium* sp? flowers wine-colored
valley eastern slopes of Shanan-

16377 Liliac. flowers greenish yellow,
valley, Shanaudodje, elr. 16500ft.

16378 herb, flowers blue and white -

16379 *Corydalis*, flowers yellow
+ a

16380 *Saussurea*? in loose gravel

purple, cushion plants at 16500ft
Yaka pass, Mt. Kouka.

same locality as 16371.

alpine meadows Mt. Shanaudodje

loc. as 16373. flowers yellow.

same loc. as 16373.

- gravelly stream Batru manyi
dodje, Mt. Kouka, elr. 16000ft.

- loose scree, cliffs of Batru manyi
Mt. Kouka.

wet muddy gravel same loc. as 16377.

same locality as 16377.

same loc. as 16377. elr. 16500ft.

- 16381 *Primula* sp? flowers rich reddish purple, on cliffs and rocks ~~also stream~~
~~at Shanaudadi~~ elev. 16500ft - 15600ft. Mt. Kouka near Bayu
 camp Mt. Shanaudadi.
- 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.
 of *unicate* Mt. Kouka, *C. unicate*
- 16385 *Primula* sp. flowers purple, on earthen bankments along stream,
 Mt. Shanaudadi, Mt. Kouka, eastern slopes, elev. 15600ft.
- 16386 *Rhododendron* sp? shrub 10-15ft. flowers purple, forest of Shingada
 camp, near glacier stream of Shanaudadi. Mt. Kouka, elev. 18600ft.
- 16387 *Lonicera* sp? flowers yellow shrub 1-3ft. same loc. 16386.
- 16388 *Corydalis*, sp? flowers yellow - fir forest - moss, camp Shingada
 elev. 14400ft. Shanaudadi. Mt. Kouka.
- 16389 Composite flowers white, grows - prostrate clumps along sandy river
 bank glacier stream of Shanaudadi. Dje po ze. Mt. Kouka, Shingada camp,
 elev. 14400ft.
- 16390 Composite, flowers purple, on scree elev. 16500ft near camp
 Dje po ze. Mt. Kouka, Shanaudadi.

- 16391 Orchid, flowers pink to mauve,
and Rhodod. forest elev 14600ft
Dadje.
odor of vanilla, grassy banks - fir
eastern slopes of Mt. Kanka, Shanan.
- 16392 Pedicularis, flowers dull purple,
Mt. Kanka, eastern slopes.
red, grassy alpine slopes, elev. 15300ft.
- 16393 Umbellifer ^{above} forests of Mt. Kanka
elev 15300ft. flowers white.
eastern slopes Mt. Chaurandadje
- 16394 Salvia? flowers deep carmine
Kanka west of Jaru, elev.
purple when dry Rhodod. forests of Mt.
~~15600ft.~~ 14600ft.
- 16395 orchid, flowers white, same
locality as 16391.
- 16396 Aster sp? Ray florets purple,
Mt. Kanka above Jaru.
meadows at 14500ft. eastern slopes of
- 16397 Racomitrium herb. flowers
Ykon zse pkon pass, east slopes
rich yellow, alpine meadows below
of Mt. Kanka, 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

16402 *Pedicularis* sp? flowers pink, elev. Shanaudodji, eastern

16403 *Ranunculac.* herb. flowers (swampy) elev. 16500-17000ft valley of Batru manyi.

16404 *Morisia* sp? flowers cream-colored as 16403 but at 15500ft elev.

16405 *Labiata* sp? fruits purplish
a unicate
b

16406 *Carydalis* sp? flowers blue, in Rhod. and willow bushes.

16407 *Pedicularis* sp? flowers pink

16408 *Ranunculac.* herb 2-3 ft tall eastern slopes of Mt. Kouka, elev.

16409 Cushion plant flowers red among elev. 16500ft - 17000ft. Mt. Kouka.

16410 *Potentilla* sp? flowers yellow,

colored, same locality as 16397.

Mt. Kouka alpine meadows at 15500ft slopes, also in fir forest at 14200ft.

deep yellow, high alpine meadows, Mt. Kouka, Shanaudodji, ~~camp~~

yellow, alpine meadows same loc.

red, same loc. as 16404.

same loc. as 16404 this plant grows

same loc. as 16404.

flowers purple, forests above Paru 12000ft.

rocks in valley of Batru manyi, eastern slopes.

same loc. as 16409.

- 16411 *Nysootis* sp? flowers large & shy
grey pubescent. forms cushions
17000ft. Jüssa lake pass,
16412 *Crucifer* flowers blue pink -
submerged in running water,
Konka, elev. 16800ft.
16413 *Crucifer*, probably same as 16412
elev 16900ft. same loc. as
16414 *Primula*? sp? flowers red -
large cushions among solist
southern slopes of Jashubiyang
16415 ~~large~~ cushion plant, leaves
on loose scree and limestone
slopes of Shamaudadji Mt. Konka.
16416 *Senecio* sp? large-leaved
water courses at 15600ft,
16417 Composite, forming rosettes,
of Mt. Shamaudadji and Shureziz
camp, flowers purple.
16418 Composite similar to 16417,
Pare, eastern slopes of Mt. Konka
16419 *Crucifer* cushion plant, flowers
rocks 16900ft. Mt. Konka.
16420 *Crucifer* leaves large fleshy dull
elev. 16000ft, flowers? at Ba-

blue, leaves green not silvery but
among slate (loose rocks) elev.
Mt. Shamaudadji east slopes, Mt. Konka.
mauve & white, in loose slate
western slopes of Mt. Shureziz, Mt.

flowers blue, Jüssa lake pass,
No 16411.

wine colored, leaves glossy green, forming
and loose rocks on Yaka pass 16300ft.
Mt. Konka.

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

tall 2 1/2 ft in loose gravelly rocky
slopes of Mt. Konka, Shamaudadji.

in alpine meadows above Pare slope
elev. 15800ft. Mt. Konka, Bayu

but in alpine meadows at 14200ft above
Shamaudadji.

blue, near pass Jüssa lake among
green, among limestone boulder
yu camp, Mt. Konka Shamaudadji.

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 Muli, ebr.

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

16424 herb, flowers green in alpine

meadows, east of Muli, Kulu.

16425 *Lilium* sp.? flowers yellow,

alpine meadows Kulu.

16426 *Lilium* sp.? flowers yellow,

16427 *Primula* sp.? flowers lavender

— Rhododendron forest of Kulu,
ebr. 13500ft. — moss.

16428 Rock plant flowers yellow, on

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

16429 same loc. flowers greenish

yellow.

16430 *Lilium* sp.? flowers yellow,

— fir forest ebr. 12500ft Kulu
forests.

- 16431 *Rheum Alexandri*, - nearly
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. near 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 cliffs
mountain of Kulu.
- 16440 *Ribes* sp? shrub 3-5 ft flowers
white, forests of Kulu, 12000 ft.

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

- 16451 *Primula* sp.? flowers yellow, - 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 banks, elev. 14000 ft.
Kulu alpine region.
- 16456 *Lil'ac.* herb, flowers yellow, alpine meadows of Kulu, elev. 13000 ft.
- 16457 *Betula* sp.? tree 15-20 ft. forests of Kulu,
- 16458 orchid, *Apripedium* sp.? lip purple, upper petal white,
in forests of Kulu, 12000 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 13000ft.
- 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 regions 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. 13500 ft.
- 16482 Lonicera sp? shrub 1-2 ft. - 3 ft. flowers yellow, alpine region of Kulu.
- 16483 Neomopsis, flowers pale lavender, forests of Kulu, elev. 11000 ft.
- 16484 Leptodermis, flowers pale purplish, shrub 3-4 ft. alpine region of Kulu, swampy meadows.
- 16485 Rhodod. shrub 3-4 ft, flowers pale pink, alpine region of Kulu, 13000 ft.
- 16486 Androsace, flowers pinkish purple, rocky alpine region of Kulu elev. 14000 ft.
- 16487 Crucifer, flowers purplish, swampy meadows and watercourses Kulu mountains 14000 ft.
- 16488 Composit. flowers yellow, fir forests of Kulu, elev. 12000 ft.
- 16489 Polygon. herb, flowers purplish red, alpine meadows of Kulu, elev. 14000 ft.
- 16490 Lonicera sp. shrub 6-8 ft, flowers yellow, alpine region 12000 ft 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
Dipsacac.

- 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. 13000 ft mountain of Kulu.
- 16502 *Sibiraea* sp.? shrub 4-6 ft. alpine region of Kulu. 13000 ft.
Western slopes of Mt. Nitunga base of Kuli, elev. 14000 ft. or less.
- 16503 *Rubus* sp.? grass slopes, dry ridges flowers white, elev. 14000 ft. June-July 1925.
- 16504 *Aster* sp.? florets purple, alpine meadows 14500 ft., Kuli.
- 16505 *Viola* sp.? flowers yellow, forests of Kuli, elev. 10000 ft.
- 16506 *Primula* sp.? flowers wine-colored on shady banks 11000 ft. Kuli mts.
- 16507 *Pedicularis* sp.? flowers purple, alpine meadows of Kuli, 15000 ft.
- 16508 *Senecio* sp.? flowers yellow, alpine region of Kuli, 14000 ft.
- 16509 *Aster* sp.? florets purple-lavender " " " " 13000 ft.
- 16510 Composite, flower pale lavender meadows of Kuli 10000-11000 ft.

16511 *Thlonis?* flowers purple.

open meadows, mts. of Muli
10000 ft.

16512 *Anemone*, prostrate flowers

dark red, alpine meadows of
Muli, 14000 ft.

16513 *Corydalis*, flowers purplish

rock screes, 14000 ft. Muli.

16514 *Camposite*, flowers purple,

alpine meadows of Muli 13000 ft.

16515 *Camposite*. fl. yellow, swampy,

meadows, Muli' mt. N. Tupa
el. 14000 ft.

16516 *Erica*. herb, fl. cream. colored

among rocks el. 15000 ft.

16517 herb, fl. white rock screes

14500 ft. Muli' mts.

16518 prostrate rock plant flowers

red, on crags el. 15400 ft. Muli'
mts.

16519 *Primula* sp? flowers purplish red

on earth banks and in (short) meadows,
el. 15000 ft. Muli' mts.

16520 *Potentilla* sp? cushion plant

on boulders and crags el. 15000 ft.
Muli' mts.

- 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 forest of Muli, 12500ft.
- 16525 *Potentilla fruticosa*, alpine region meadows of Mt. Muli Zupa 14500ft.
- 16526 " " " " prostrate shrub fl. yellow, leaves minute, 14500-15000ft.
- 16527 Legum. plant, flowers purple, in alpine meadows of Muli, elev. 14000ft.
- 16528 Crucifer. flowers purplish lavender, among rocks and boulders, 14500ft. Muli.
- 16529 herb, flowers reddish brown same loc. as 16528
- 16530 herb, flowers white, on scree, 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 crops 15500ft.
Nunli' Mts.

16533 *Primula* sp. flowers purple

(dark), meadows Nunli' Mts, elev.
12500ft - 18000ft.

16534 *Crucif.* flowers white,
elev. 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. Zupa,
Nunli'.

16537 *Pedicularis* sp. flowers pale

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

16538 *Primula* sp. flowers dark purple,

Nunli' Mts. elev. 12500ft.

16539 *Primula* sp. flowers purplish

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 Corydalis 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 Meconopsis, flowers steel blue, on scree and rocks elev. 14500ft. Muli' Mt.

- 16551 Composite, flowers yellow, swampy screes, Mts of Kunli' 15000 ft.
- 16552 herb, fl. yellow, in cracks on boulders Mt. Mitzpa Kunli',
- 16553 Meconopsis sp. flowers purple, blue, alpine meadows Kunli' Mts, abt. 14500 ft.
- 16554 Composite, flowers yellow, on alpine screes, abt. 14500 ft, Kunli' Mts.
- 16555 Corydalis sp. flowers purple, along water courses alpine region 14500 ft Kunli' Mts.
- 16556 cushion plant, flowers white among boulders and alpine meadows 14500 - 15000 ft. Mts. of Kunli',
- 16557 herb, flowers greenish white, on screes, 15000 ft Kunli' Mts.
- 16558 Composite fl. yellow, in swampy meadows Kunli' Mts, 15000 ft.
- 16559 Liliac. flowers dull green, on rock screes 14500 ft.
- 16560 Primula sp? fl. purplish blue, swampy meadows 15000 ft. Kunli' Mts.

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

16571 cushion plant flowers white

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

16572 Lichen, same loc. as 16571.

16573 Pedicularis sp? flowers purple

alpine meadows elev 13000ft.
Muli Neth.

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 lime stone boulders elev. 11000ft.

16577 orchid, flowers purple, dry prong

slopes, elev. 12000ft. Neth. Muli.

16578 Corydalis fl. pinkish blue,

on rock scree, 15500ft. - 16000ft.
Neth. of Muli; Mt. Ni'ngpa.

16579 Legum. flowers blue

same loc. as 16578.

16580 Lep. fl. greenish yellow,

rock scree, 14500ft. Muli Neth.

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 *Primula* sp.? fl. pale purplish

blue, same loc. as 16582.

16584 *Primula* 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 *Uyosotis Hookeri*? Rock cushion

plant 16000 ft. elev. on Mt. Mt. Tupa,
flowers sky blue.

- 16591 *Gentiana* sp? fl. deep blue,
Muli' Mts.,
on rocks and boulders, Mt. Trigaya
- 16592 *Senecio* sp? fl. yellow,
alpine meadows 14000 ft. Muli'
Mts.
- 16593 *Primula* sp? fl. purple,
among rocks 15000 ft. Muli' Mts.
- 16594 *Allium*, sp? flowers purple?
in swampy meadows, Muli' Mts.,
14000 ft.
- 16595 *Allium* sp? " "
alpine meadows, 14000 ft " "
- 16596 Rock plant, flowers purplish
red, among boulders and scree,
15000 ft. Muli' Mts.
- 16597 herb fl. yellow, on rock
scree, Muli' Mts. elev. 15000 ft.
- 16598 herb, fl. yellow, "
" " " "
- 16599 *Lilium* sp? flowers yellow,
alpine region of Muli' Mts. elev. 15000 ft.
- 16600 Composite, rosette plant,
fl. purple, alpine meadows, elev.
13500 ft. Muli' Mts.

16601 Rock plant, fl. reddish, on

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

16603 Allium sp. flowers white

16604 fl. yellow, on craps and
Crassulac

16605 fl. purplish red "
~~Crassulac~~
Collected on journey to Kunti Kouton

16606 flowers white on shady banks

16607 Rosette plant, fl. pale blue

16608 Juniperus, sp. tree 10-15 ft.

16609 orchid, flowers pink, among
Unicats

16610 Borag. herb, fl. white, near

craps of Mt. M. Tupa Muli' Mts.,
14500 ft.

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

- fir forests 12000 ft. Muli' Mts.

boulders 15000 ft. Muli' Mts.

" " " " "

- Jalung gorge July 1928 from Muli'.

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

on boulders in valley beyond Koon,
of Ditang river 9000 ft.

among limestone boulders with pines
Ditang river valley 9500 ft.

oak scrub, same loc. as 16608.

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

- 16611 *Acer* sp.? tree 25-30 ft., - rally beyond Houla, elev. 9600 ft. 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 *Fagracea* sp.? fruits white along streambed at Bande east of Muli', elev. 10000 ft.
- 16616 *Pedicularis* sp.? - in alpine meadow 'Lipuchi' elev. 12500 ft., 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 25 ft. same loc. as 16612.
- 16620 *Primula* sp.? along water-course, same loc. as 16615. flowers lake purple.

16621 *Phacelia* sp. shrub 10 ft.

16622 herb flowers yellow - pine

16623 leg. herb, flowers white and

16624 herb, flowers yellow,
Utricate

16625 Gentiana, flowers deep blue,
along trail Shaya pass.

16626 *Geranium* sp. flowers reddish

16627 *Geranium* sp. fl. pale reddish

16628 *Potentilla fruticosa*. flowers white,
shrub 3-4 ft.

16629 Crucifer. flower purplish lavender

16630 Composite, flowers yellow,

valley of Chien shan, elev. 10000 ft.
east of Muli.

and oak forest near Bandi, elev.
10200 ft.

purplish same loc. as 16622

same loc. as 16622.

- Rhodod. forest elev. 14000 ft.
north east of Muli.

purple, Rhod. forest same loc. as
16625.

purple same loc. as 16625.

alpine regions Chidi valley, 15000 ft.

swampy meadow of Chidi valley,
elev 14300 ft.

forming rosettes in swampy areas,
same loc. as 16629.

16631 herb. prostrate on dry slope
N. east of Muli, elev. 14600 ft.

16632 Iris sp? fl. purple, in marshy

16633 Primula sp? flowers dark
Rhadat. forest. above Chidi

16634 Campanite rosettes flowers purple

16635 Primula sp? same loc. as 16633.

16636 Pedicularis sp? fl. purple,

16637 Delphinium sp? flowers purplish

16638 Rhodod. sp? shrub 1-2 ft. flowers
near N. E. of Muli.

16639 Rheum Alexandr., Rhod. forest

16640 Androsace sp? ~~forming~~ prostrate

between Shaya and Chidi valley

meadows of Chidi valley elev. 14000 ft.

bluish purple, grassy slopes in
valley elev 14500 ft. N. E. of Muli.

same loc. as 16632.

flowers purple.

alpine meadows Reaction pass
elev 15300 ft. N. E. of Muli, route to
Yalung.

blue, Rhodod. forest 13500 ft.
beyond Shaya pass.

purple, same loc. as 16626, Shaya

of Shaya, elev. 14000 ft. photographed
this species.

prostrate cushions, fl. pink in Rhod.
forest of Shaya, elev. 14200 ft.

16641 *Corydalis* sp. bluish-maroon

colored, same ~~as~~ locality as 16640.

16642 Composite flower heads purple,
elev. 14200 ft. N.E. of Muli.

in Ruachon valley alpine region

16643 *Pedicularis* flowers purple

same loc. as 16642.

16644 *Psaphalea* sp? same loc.

as 16642.

16645 *Psaphalea* sp? " "

" "

} alpine meadows.

16646 Composite fl. heads purple,

alpine meadow of Ruachon Valley,
14200 ft.

16647 *Leontopodium* sp? forest of

Shaya elev. 14200 ft N.E. of Muli.

16648 *Corydalis* sp? flowers blue,

same loc. as 16647.

16649 *Pedicularis*, fl. deep yellow,

in swampy meadow of Ruachon,
elev. 14200 ft. N.E. Muli.

16650 *Juniperus* sp? tree 60-80 ft

forming forest in Ruachon valley,
14800 ft

16651 *Primula* sp? - in forest beyond
elev. 13000 ft. fl. yellow.

16652 *Primula* sp. ^{involucrata yarrowensis Petitioner.} flowers pale
pottery elev. 12600 ft. see color

16653 *Polygonum* sp? plant 5-6 ft tall,
meadows of Poshera pass and

16654 *Primula* sp? flowers large
forest, elev. 14000 ft. Shaya.

16655 *Crucifer.* flowers lavender red,

16656 *Primula* sp? flowers dark
above Chudi valley 14500 ft.

16657 *Primula*, fl. pale pinkish blue,

16658 Composite fl. yellow,

16659 Composite " purplish

16660 *Iris* sp? flowers white, swampy
Rushon, elev. 14000 ft.

Poshera pass, Djishi's top camp

pinkish purple, meadows of Djishi -
photo also plain photo.

flowers lavender, - alpine
below, elev. 14000 ft. N.E. of Nuli.

meadow & lavender, - Rha Sadana

same loc. as 16654.

purplish blue, alpine meadows,

same loc. as 16656.

same loc. as 16656,

" " "

alpine meadows of Poshe east of

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

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

16681 *Carex acut.* flowers pale blue,
unicate

same loc. as 16680.

18881

16682 *Umbellifer.* fl. white same

locality as 16680.

18882

16683 *Senecio* sp.? fl. yellow, same

loc. as 16680

18883

16684 *Lilium* sp.? flowers mauve-
Wato pamba 13000 ft.

laverdes, grassy slopes beyond

16685 *Aster* sp.? same loc. as 16684.

16686 *Leontopodium* same loc.

as 16680.

18884

16687 *Rumex*? same loc. as

16680.

18885

16688 *Lepus*. flowers blue, alpine

meadows of Dsaupre beyond Wato
pamba, 14000 ft.

16689 *Gentiana* sp.? flowers steel blue
west of Wato pamba.

meadows of Bèon, elev. 13700 ft.

16690 *Rhod.* sp.? tree or shrub 8-10 ft

fl. pale yellow, forest beyond Wato
13000 ft.

- 16691 *Senecio* sp? meadows - fir forest, elev. 13000ft northwest of Wato pamba.
- 16692 *Pedicularis* sp? fl. yellow same loc. as 16691.
- 16693 *Primula* sp? flowers yellow, on dry clayey banks near Wato pamba elev. 12000ft.
- 16694 *Delphinium* sp? flower pale beyond Wato elev. 13700ft. bluish lavender, meadow of Be on
- 16695 *Anemone* sp? flowers red 15000ft in high (beyond) - and the Litang river. Tsamye sheren a limestone mountain Tsamye Valley between the Yalung river
- 16696 Leguminous plant flowers blue, same loc. as 16695,
- 16697 Composite flowers yellow, Missing " " "
- 16698 *Silene* sp? in scree, Unicate " " "
- 16699 *Corydalis* sp? fl. mauve purple, - scree " "
- 16700 *Saussurea* sp? among loose rocks Tsamye sheren. " "

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

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

16712 *Crucifer* fl. white on scree,

16713 *Pedicularis* sp? fl. purple,

16714 Leguminous plant flowers
there, 14000ft.

16715 *Meconopsis* sp? flowers

16716 *Rumex*? same loc. as

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

16718 *Salvia* flowers pale purple,

16719 *Aconitum*, flowers blue,

16720 Lichen on spruce trees

boulders, Dampa Sheren, elev. 15000ft.

Dampa Sheren 15000ft.

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

yellow, grassy slopes of Dampa

purple, same loc. as 16714.

16714.

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

same loc. as 16717.

" " " "

" " " "

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

16722 Leg. plant fl. blue, same

16723 Pedicularis sp? fl. purple -

16724 Senecio, fl. purple, juncton
14000ft.

16725 Pedicularis fl. yellow,

16726 Primula sp? fl. pale pink,

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

16728 Taraxacum sp? fl. white

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

16730 Meconopsis sp. fl. purplish blue,

same loc. Djenta valley east of

loc. as 16721.

Dumpe Valley, elev. 14000ft.

of Dumpe 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 ~~anemone~~, fl. Clematis sp?
Dje.

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

1 16733 Composite, among rocks

1 16734 Saxifrage flowers yellow

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

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

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

1 16738 Araliac. shrub 4 ft. fruits purple,
Waerh Dje (below Tonge).

1 16739 Pedicularis fl. purple, near village

1 16740 Primula sp? flowers purple.

fl. white Djenta valley east of Waerh

Sawyers, Doshira pass above Waerh

" " " " "

" " " " "

Rhodod. forest below Doshira pass

- fir forest and clearings between
elev. 13000 ft.

- in company with 16736.

village on the Shoucheh July-Aug. 1928.

Slopes of Litang river valley above below

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

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

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 *Campanul.* fl. mottled purple,

16745 *Geranium* sp? fl. white same

16746 *Delphinium* sp? fl. blue,

16747 *Geranium* sp? fl. purplish red

16748 *Gnaphalium* sp? same loc.

16749 *Geranium* sp? fl. pale pink,

16750 *Aconite*, fl. purplish blue,

forming forests in Tsaba Kamp valley

in forests of Tsaba Kamp, 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 Kamp 13000 ft.

" " "

16751 *Dipsacus* sp. fl. white grassy

16752 *Leontopodium* same loc. as

16753 Labiate, flower pale blue,

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

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

16756 Composite (rosette) fl. yellow

16757 Silene sp. flowers greyish

16758 Gentianac. herb flowers dark

16759 Gentian, fl. blue, same

16760 Delphinium sp. fl. bluish

upper slopes of Tsabakang 13500ft.

16751.

bracts purple same loc. as 16751.

tupe, alpine meadows above
14500ft.

- willow and Rhod. scrub, beyond
14700ft

same loc. 16755

green, same loc. as 16755

blue, same loc. as 16751.

loc. as 16751.

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 *Ligum.* 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.
Unicite

16768 *Camp.* flowers yellow,

16769 *Camp.* fl. yellow involucre
valley, elev. 14300ft.

16770 *Juncus* 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 growing

loc. as 16764.

near Songbe pass Zimi valley

upper Zimi valley elev. 14500ft.

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

meadows and margins of Rhod.
elev. 14500ft.

16771 Composite fl. purplish brown
pien yen elev. 14500 ft.

16772 Composite, rosette flower.
pien yen, back of Bachin Djags

16773 Aconite, fl. purplish blue

16774 Composite fl. orange yellow

16775 Senecio sp.? fl. yellow.

16776 Pedicularis fl. purple,

16777 Silene sp. fl. purplish grey

16778 Compos. fl. yellow, same

16779 Campanul. fl. blue, "

16780 Legum. flowers purplish blue,
elev. 14000 ft alpine meadows.
Two specimens kept for U.S.N.H

swampy meadows near Rono

heads purple, meadows of Rono
overlooking Houchen, elev. 14500 ft.

same loc. as 16772.

same loc. as 16772.

same loc. as 16772

same loc. as 16772.

" " "

loc. as 16772.

" " "

between Rono pien yen and Popotzi
Third specimen intermediate placed in set 2.

16781 *Pedicularis* sp.? swampy meadow
fl. yellow.

same loc. as 16772.

16782 *Campanul.* fl. blue,
elev. 14500 ft.

meadow of Rono pien yen.

16783 *Composite* *Rhodod.* forest,
Rono Rakon pass 14700 ft. near

grassy banks, fl. purple,
Popotri.

16784 *Composite*, fl. purple.

same loc. as 16783.

16785 *Campanul.* fl. purplish

" " "

16786 *Campanul.* flowers purplish,
above Shouchee river and Ru-

meadow of Raron Ki' 12700 ft.
tuh village.

16787 fl. white, on moist banks
tuh.

below Raron Ki', and above Ru-

16788 *Allium* sp. fl. white same

loc. as 16787.

16789 *Lilium* sp.? fl. white spotted
Raron Ki' meadow.

purple, in pine forests above
Rutuh village and below

16790 Rosette plant, flowers blue
Jasneria.

on boulders in forests below
Raron Ki'. elev. 12500 ft.

16791 *Primula* sp? flowers purplish
Ki in Rarori valley, elev. 12000ft.

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

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

16794 *Truncus tomentosus*? shrub 5ft. - 6ft
elev. 9000ft. July 1928.
second flowering of Kouka from Waerh die

16795 herb flowers yellow grassy slopes
Dadje 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 blue on outskirts of forest on slopes of
Mt. Kouka elev. 14500ft.

red. ^{moist} banks in forests below Rarori

Kouka chu (near Djiraku page).

Kouka chu valley (Djiraku page)

fl. white Nuuli, R. Tang river valley
seeds collected.

and among shrubs Mt. Kouka Chanan-
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. Kanka

July - Aug. 1928.

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

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

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

16804 herb flowers pale blue,

16805 saxifrage, flowers white

16806 Umbelliferae same loc. as

16807 Composite, flowers yellow

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

16809 *Pedicularis* fl. purple, same

16810 herb flowers yellow, on rocky

fl. pale yellowish pink, for forest

on Mt. Chamaudaji, elev. 15800 ft.

meadows between farm and Mt.

" " " "

same loc. as 16803. - in meadow.

16802, fl. white.

same loc. as 16802.

- in muddy-gravelly streambed on

loc. as 16808.

pass of Jissie Lake elev. 17000 ft.
between Chamaudaji and
Shenagap.

16811 cushion plant flowers white

same loc. as 16811.

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

16813 Composite in rocky muddy
- theurey.

streambed at 16500ft Chaurandog.

16814 Delphinium sp? gravelly slopes
16700ft.

- Batru manyi valley Mt. Korka

16815 Composite forming clumps

on ~~rocky 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 - Batru manyi valley

16820 Saussurea sp? florets purple

same loc. as 16819 (forming rosettes)

- 16821 Labiate flowers pale pink large, at 16700ft, Batru mapayi leaves and bracts grey, rocky slopes valley bet. Kouka.
- 16822 Compositae rosette plant ray florets white same loc. as 16821.
- 16823 Meconopsis sp? fl. steel blue same loc. as 16821,
Reported by Gong as *Salix myrsinacea* Andr.
- 16824 Delphinium sp? forming large clumps among boulders at 16800ft same loc. as 16821.
Upricate.
- 16825 Gentianaceae. herb fl. white, outside blue, summit of Jüscutaka pass 17000ft, bet. Kouka, among rocks.
- 16826 Passiflora sp? fl. purple, same loc. as 16825.
- 16827 Senecio sp? Bayu camp elev. 15700ft Shureyap bet. Kouka.
- 16828 Composite fl. greyish purple same loc. as 16828.
- 16829 Composite fl. purple same loc. as 16828.
- 16830 Delphinium sp? among rocks at Bayu camp 15700ft bet. Kouka.

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

16832 Composites fl. yellow,
elr. 14700ft.

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

16834 Composites, flowers yellow
Dza Chakom Mt. Jambiyang

16835 Saxifraga fl. yellow same

16836 Composite fl. purple ~~same~~
elr. 15900ft. southern slopes

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 Lawatung valley

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

loc. as 16834.

~~area 15800ft~~ meadow of Chadder
of Jambiyang.

back of Chuanandadzi, elr 15500ft.

" " " "

- Suron valley Mt. Kouka, elr
15000ft.

among rocks Suron Koup elr. 16500ft.

16841 Pedicularis sp. flowers white and
Kamp elev. 15700ft.

16842 herb, fl. cream colored

16843 Composite fl. white same

16844 Leontopodium sp. alpine

16845 herb fl. white on scree in
elev 16500ft.

16846 herb fl. pale pink in stream
Kamp 15800ft.

16847 herb fl. white on scree same

16847a

16848 herb fl. white " "

16849 Labiate? flowers dark blue

16850 Labiate rosette fl. lavender
camp, slopes of Mt. Jambiyang

purple, alpine meadows of Suron

on scree in Suron Kamp elev. 16500ft.

loc. as 16842 on scree.

meadows of Suron Kamp 15600ft.

Suron Kamp back of Chaurandodje

bed among gravel and mud, Suron

loc. as 16845.

" "

purple same loc. as 16845.

purple in meadows at Naoshe
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 Nanshe slopes of Jambiyang see photo with Hower li. fl. red. see negative no. 264
- 16853 *Pentstemon* sp? fl. blue alpine meadows of Chaurandadji, Saijo 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 Dejintong pass - Yetshetawa photograph of this species. forming rocks.
- 16857 *Crocus* sp? fl. turquoise blue same loc. as 16856. - to pink and white see fl. spec. no.
- 16858 *Meconopsis* sp? same loc. as 16856 fl. steel blue.
- 16859 Crucifer, in streambed fl. white, elev. 16500 ft same loc. as 16856.
- 16860 *Potentilla* sp? fl. yellow same loc. as 16856. among rocks.

- Leucocoma Diels*
- 16861 *Saussurea* sp? rosettes, flowers purple on screes and among rocks
at summit of Ser-jen tong pass ebr. 16500ft. photogr. this species.
- 16862 *Carydalis* sp? flowers yellowish, red same loc. as 16861.
- 16863 *Gentiana* sp? - Sayokato below Yake pass 15200ft.
- 16864 *Gentiana* sp. herb. flowers blue, camp at Chaundadji, ebr. 15800ft.
alpine meadows,
- 16865 *Pedicularis* sp? fl. purple, same loc. as 16864.
- 16866 Composite on gravel at foot of moraine and glacier Kouka dziause
ebr. 14500ft. (Shingora). Chaundadji.
- 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 glacier boulders foot of Chaundadji
ebr. 14600ft.

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

- 16881 prostrate herb fl. pale yellow
Paru, Mt. Kouka. Aug. 1958.
Gentianaceae?
- 16882 Gentianaceae. fl. steel pale blue,
on Jkoysekaup pass 15300ft (above
below Jkoysekaup 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
Jse Kaup pass 15300ft.
single. on grassy slopes above Jkoy-
- 16887 Allium sp. fl. purplish red & pink
same loc. as 16882. elev. 15000ft.
- 16888 Allium sp? fl.? same loc. as 16887.
- 16889 Allium sp? slopes of Mt. Chana-
between Saiyohatue and Shingpa.
Dodji in Kouka chu valley slopes
elev. 15000ft. fl. deep purple.
- 16890 Abies sp? tree 30-40ft or more
glacier Kouka drainage, elev. 15000ft.
on slopes of Mt. Chana. Dodji above
photogr. trees with glacier.

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

16901 herb fl. white on dry grassy valley, elev. 11500 ft. between

16902 *Thobilanthus* fl. blue, same

16903 *Acer* sp? tree 20-30 ft. in lateral gorge east of farm, elev. 10300 ft.

16904 *Kohleuteria* tree 20-30 ft., in Dzeyungtong valley

16905 Composite flowers whitish, in Shouchu gorge beyond elev. 10300 ft.

16906 *Begonia* on moist banks in Brechintong valley elev. 10000 ft.

16907 *Pedicularis* sp? fl. purple

16908 *Scapellata* sp? on dry banks of elev. 9000 ft.

16909 *Crassulac.* fl. yellow same

16910 *Picea* sp? trees 80-100 ft. in Cherayin village elev. 11200 ft.

slopes under pine trees, in Shouchu Halung and Komédzong.

loc. as 16901.

valley of Dzeyungtong - Shouchu

flowers small brilliant yellow same loc. as 16903.

on grassy banks under pine trees, Dzere village (Dzere and Wraschi).

shade Shouchu valley beyond

same loc. as 16906.

Shouchu gorge beyond Wraschi.

loc. as 16906, greyish green.

Cherayintong valley near

16911 *Abies* sp. trees 100-150 ft tall
- Cherayin valley west of Waerh Djé.

16912 *Campanula* sp. below Chyon-
ebr. 15500 ft. flowers blue.

16913 Orchid flowers pink meadows of

16914 Composite, flowers purple,
pass, same loc. 16912.

16915 *Primula* sp. in grassy banks
djé. 10800 ft. fl. lavender blue.

16916 *Delphinium* sp. same loc. as

16917 plant 3 ft. flower cream -

16918 Composite shrub, 2-4 ft, flowers
Saronkong 13500 ft.

16919 *Lesqueris*. rocks, flowers yellow,
gliffs ebr. 11000 ft.

16920 herb fl. white in wet cliffs

cones large purple, fronds forest
elev. 11500 ft.

serain pass into Litang river valley
Aug. 1928.

Waerh Djé 11800 ft. Litang river
valley.

for alpine meadows of Chyonserain

- forest of Saronkong south of Waerh

16915. fl. purplish blue.

colours pinkish tinge same loc. as
16915, (damp places).

yellow, open meadows above
valley called Beliumi.

- Saronkong on limestone

same loc. as 16919.

- 16921 *Primula* sp? fl. wine colored same loc. as 16920.
- 16922 *Delphinium* sp? fl. purplish blue, above Saronkong Belimi 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 Belimi valley, swampy meadow elev 13500ft.
- 16928 plant 1 ft. 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.

16931 herb, prostrate flowers blue,
and beyond Soroukoup elev. 14000.

16932 Leguminous vine fl. yellow,
Muli, elev. 10500 ft.

16933 Abies sp? tree in Belimi valley
tree 50-80 ft. on margin of

16934 Leontopodium sp? grassy slopes in
mountain near Kudju. (Muli)

16935 Lobeliac. vine on shrubs along
elev. 10000 ft. flowers pale yellow.

16936 Legum. same loc. as 16935

16937 Campanul. herb flowers blue
Aug. 1928

6938 Delphinium sp? flowers purplish

6939 Delphinium sp? fl. dull brownish

6940 Senecio sp? among limestone
fl. yellow

Belimi valley south of Warkhoje

Bande valley one day north east of

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

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

stream bed Lohwan south of Piboh
Aug. 1928.

flowers purple.

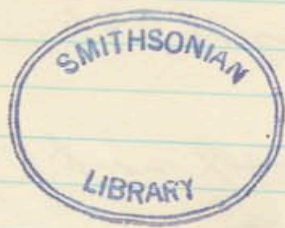
grassy banks in pine forest
11000 ft. same loc. as 16934.

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

purple " " " "

boulders Mt. Piboh 12500 ft.
Aug. 1928.

- 16941 Campanulac. flowers blue, same loc. as 16941.
- 16942 Aconitum sp. fl. ~~blue~~ purplish blue, twining over shrubs, 13000ft., Mt. Pibbuh, southern slopes.
- 16943 Composite flowerheads purple, Mt. Pibbuh same loc. as 16942.
- 16944 Gentianac, flowers pale yellow, meadows of Mt. Pibbuh northern slope, elev 12500ft. Aug. 1928.
- 16945 Delphinium sp. flowers dull purple, alpine region of Mt. Pibbuh 13000ft. elev. northern slope.
- 16946 Composite fl. yellow, same loc. as 16945 antekint of fir forest Aug. 1928
- 16947 Composite, flowerheads purple same loc. as 16946.
- 16948 Composite flowerheads purple meadows 12500ft north of Mt. Pibbuh. Aug. 1928.
- 16949 Taraxacum sp. fl. white same loc. as 16948.
- 16950 Composite rosettes leaves red fl. heads purple in swampy meadows northern slope of Mt. Pibbuh 12800ft. Aug. 1928.



Collected on Fuchuan shan 富川山 11/4
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
hairy. Elevation 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 scaly and also dry

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

16971 plant 1-2 ft tall, fruits
elev. 12000 ft.

16972 Fraxinus tree 35 ft tall,

16973 herb, flowers yellow, - fir and

16974 Rhodod. sp? 1-3 ft tall,
cliffs, elev 15000 ft.

16975 Magnolia sp? tree 25-35 ft

16976 Liliac. plant fl. white and
and in meadows, elev. 12000 ft

16977 Rhodod. sp? shrub or small
slopes of Fuchuan shan 12500 ft.

16978 Rhodod. sp? shrub or small
forest of fir and spruce 12500 ft.

16979 Larix sp? tree 50-60 ft tall

16980 Rhodod. sp? shrub 7-10 ft

dark blue - shade of ~~forest~~ fir forest

- forests 12000 ft elev.

spruce forest 12000 ft elev.

flowers red, alpine regions along

tall flowers white elev. 10000 ft.

spotted purple outskirts of forest
- 13000 ft.

tree 10-15 ft. flowers pink & red,

tree 10-15 ft. fl. pale red - pink. -

elev 14500 ft.

flowers yellow, in Larch forest elev.
14500 ft.

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

- 16991 Rhodod. sp. ^{dark} flowers red.
 elev 14500 ft among boulders.
 leaves densely woolly matted below,
- 16992 Rhodod. sp. shrub 2-5 ft.
 deciduous ~~woolly~~ matted with flocculose
 flowers a deep pink leaves sparsely
 tomentum, elev. 14500 ft.
- 16993 Rhod. sp. shrub 2-5 ft. flowers
 glabrous, alpine regions with
 pale red & pink, leaves small
 scattered firs elev. 14500 ft.
- 16994 Pseudopanax sp. flowers
 14500 ft.
 dark purplish blue, alpine meadows
- 16995 Rhodod. shrub, 7-8 ft. flowers
 alpine regions 14500 ft.
 yellow, leaves glabrous, brown beneath,
- 16996 Rhodod. sp. shrub 5-8 ft. flowers
 ~~plant~~ glabrous, alpine region
 yellow leaves small glaucous
 12000 ft.
- 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 ^{pale} leaves 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
 12000 ft.
- 17000 Rhod. sp. tree 20 ft. leaves large
 beneath, flowers yellow (rich).
 obovate-oblong, brown (cinnamon) tomentose
 alpine Rhod. forest elev. 14800 ft - 15000 ft.

- 17001 *Rhados. sp?* shrub, 2 ft. flowers deep purplish blue leaves small,
 elev 15000 ft.
- 17002 *Rhados. sp?* 3-5 ft. leaves ob- ovate, subglaucous, fl. brilliant red
 large, alpine regions 14500 ft
- 17003 *Rhados. sp?* shrub 6-10 ft. leaves oblong, fawn colored, beneath, flowers
 pink to pale red. alpine regions 14500 ft.
- 17004 *Oxyphthaloprumme sp?* flowers stark blueish purple, petals coarsely dentate.
 alpine meadows 14500 ft.
- 17005 *Primula sp?* flowers purple, leaves coarsely dentate, alpine meadows
 14000 ft.
- 17006 *Syringa sp?* shrub 15-20 ft. flowers ~~white~~ white, spruce forest 12500 ft.
~~black~~
- 17007 *Sorbus sp?* small tree or shrub 10-15 ft. fl. red, spruce forests 13500 ft.
- 17008 *Androsace*, cushion plant on rocks, flowers white, alpine regions
 15000 ft.
- 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,
- mixed forest elev. 11500 ft.
- 17014 Rhod. sp? shrub 6-8 ft tall, leaves
beneath deciduous, flowers large obovate pale cinnamon brown tomentose
brilliant deep red, alpine regions
14500 ft.
- 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 pinnate. pale yellowish brown tomentose, flowers
sepalous, alpine regions 14000 ft.
- 17017 Rhod. sp? shrub 8-10 ft. leaves
flowers pink, calyx small, bluish green above, drab col. beneath,
alpine regions 14500 ft.
- 17018 herb flowers white in canebroke
Trillium at 12000 ft. elev.
- 17019 Rhod. sp? shrub 6-10 ft tall, leaves
glabrous, flowers yellow, calyx small. elliptical, pale greenish yellow beneath.
alpine regions 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 cretaceous, fl. pale yellow,
limestone boulders 14500 ft.
- 17028 Rhod. sp.? shrub 1 ft. leaves small
purple, calyx carmine, 14500 ft. with long hirsute margins flowers large
etc. alpine region.
- 17029 Heconopsis 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 10 ft tall, flowers red, sparse forest 11500 ft.
- 17032 *Primula* sp. cushion plant, elev. 15500 ft. flowers red, among rocks and boulders
- 17033 *Eric.* plant among rocks and boulders, elev. 14500-15000 ft. flowers white
- 17034 *Patentilla* sp. flowers yellow, on cliffs and crags, elev 15000 ft. small leaved cushion plant,
- 17035 *Rhod.* sp. less than 1 ft tall, alpine regions 15000 ft. leaves small flowers bluish purple,
- 17036 *Pedicularis* sp. flowers purple alpine meadows 14500 ft.
- 17037 *Rhod.* sp. tree 35 ft tall leaves large silvery beneath, glabrous dark green glossy above flowers pale yellow, at foot of mountain 10500-11000 ft.
- 17038 *Solanac.* plant fl. yellow, in waste prairie and along banks, 10000 ft.
- 17039 *Lilic.* sp. fl. red & purplish alpine meadows 13500 ft.
- 17040 *Rhod.* sp. shrub 1-2 ft, leaves coriaceous, with thick waxy brown tomentum beneath flowers pale yellow, among boulders 14500-15000 ft.

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

shan 吉金山 in Kasai' Pi'ta shan
June-July, 1938.

- 17051 Rhod. sp. shrub 4-6 ft. or more,
lanceolate, deep brown thick
regions 15500 ft.
- 17052 Rhodod. tree 15-18 ft. leaves
flowers large in amplex corymbs
- 17053 Rhodod. tree 25 ft tall leaves
same loc.
- 17054 Rhod. sp. shrub 3-5 ft. leaves
flowers yellow, slopes of mountain
- 17055 Rhod. sp. shrub 6-8 ft. leaves
flowers white. same loc. as
- 17056 Primula sp. flowers blue
- 17057 ^{Eukianthus sp.} Tree 10-12 ft. flowers pale yellow
- 17058 small tree or shrub 10 ft. fl.
- 17059 Ericac. tree 10-12 ft. flowers
- 17060 Rhodod. sp. shrub 2-5 ft. leave
- leaves thick coriaceous, linear,
tomentous fl. ^{pale} yellow, alpine
- large coriaceous pale brown beneath,
pale red (pink). alpine regions 14000 ft.
- as before (17052) flowers yellow.
- oval, glaucous beneath glabrous,
spruce forest 12000 ft
- lanceolate grey glabrous beneath,
17054.
- alpine swampy meadows 14500 ft.
- forests at 13500 ft elev.
- pale yellow forests at 12000 ft.
- brick red and striped, in open forests
elev 11000 ft.
- linear grey beneath flowers small yellow
elev. 12500 in spruce forest.

- 17061 *Acer* sp. tree 35-40 ft. leaves deeply tri-lobed, -forest 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. leaves small elliptical pale green, flowers large white or slender peduncles dry open slopes at 12500 ft.
- 17069 *Primula* 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.? 30-40 ft., leaves large racemes. fresh at 12500 ft. pubescent beneath, flowers - large
- 17072 *Keteleeria* sp.? tree 40-60 ft. on dry slopes at 10000 ft. elev. - Mekong valley.
- 17073 *Rhodod.* shrub 5-8 ft., leaves sub-orbicular, thin glabrous, flowers yellow, alpine region 13500 ft.
- 17074 Tree or shrub 15-18 ft. flowers white in Salween valley west of Wheikhi. elev. 9000 ft.
- 17075 small tree 15-18 ft. flowers white, western slopes of Pi'tsa shan Salween valley, 10000 ft.
- 17076 *Prunus* sp.? (Cherry). same locality as 17075 but elevation 12500 ft. flowers pink.
- 17077 Tree 25 ft. flowers pale yellow, valley of Mekong 9000 ft., eastern slopes of Pi'tsa shan.
- 17078 *Rhodod.* shrub 2-4 ft., leaves small elliptical dark grey, flowers pale red, purplish. western slopes of Pi'tsa shan, Salween valley 12500 ft.
- 17079 *Rhodod.* sp.? shrub 2-4 ft. leaves narrow linear, & dark grey beneath, flowers red, same loc. 17078.
- 17080 *Rhodod.* sp.? epiphytic on large fir trees, flowers small, yellow western slopes of Pi'tsa shan Salween valley 12500 ft.

western slopes of Fika Shan

Salween Valley

- 17081 Rhodod. sp? tree 10-12 ft.
pale brown beneath, flowers
western slopes of Fika 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
neath, calyx brown, wooly flowers
- 17088 Rhodod. sp? shrub 8-10 ft.
elev. 12000 ft.
- 17089 Liliac. flowers white spotted
- 17090 Primula sp? flowers large blue,

- leaves large oblong pale green,
large - large caryops white.
Salween valley 12500 ft.
- lanceolate, acuminate, brown tomentose
dense caryops 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 bawlers.
12500 ft.
- leathery veins deeply impressed wooly be-
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. 12600 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 spruce forest 12500 ft. large, floral bracts small.
- 17095 Rhodod. sp? shrub 6-8 ft. leaves
glaucous, glabrous, flowers large
deep pink, glabrous, alpine region
14000 ft.
- 17096 Rhodod. shrub 4 ft. leaves
deep dark blackish red. alpine
obovate, brown wooly 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 4 between Weihsian 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
13000 ft.
- 17106 *Rhodod.* sp. shrub 4-6 ft., leaves elliptical, densely dark ~~red~~ suffused
tomentous, flowers pale yellow, ~~at~~ alpine region 13500 ft.
- 17107 *Rhodod.* sp. tree 10-12 ft. leaves oblong glabrous, flowers red,
alpine region 13500 ft.
- 17108 *Rhodod.* sp. shrub 1-2 ft. leaves small elliptical dark brown beneath
flowers deep bluish purple, calyx dark carmine, alpine region 14000 ft.
- 17109 *Rhodod.* sp. shrub 1 ft. or more, leaves small elliptical, greyish green beneath,
flowers large purple deep blue, ~~loc.~~ elev. 14000 ft.
- 17110 *Rhod.* sp. shrub 9-10 ft. leaves elliptical oblong pale brown tomentose
beneath, flowers white, alpine regions 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 regions 14500 ft.
- 17117 Rhodod. sp? shrub 5-6 ft. leaves flowers white alpine regions 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 regions 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 regions 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 forest at 12500 ft.
- 17126 *Rhodod. sp?* tree 25 ft tall, leaves
flowers purplish red. fir forest 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 forest at 12500 ft.
- 17128 *Rhodod. sp?* tree 15-20 ft tall
reflex tomentose beneath, flowers
fir forest at 12500 ft. leaves thick coriaceous obovate oblong
pale yellow, on long peduncles.
- 17129 *Rhodod. sp?* tree 15-20 ft leaves
flowers pink. fir forest at 12500 ft. very large broadly obovate oblong subsessile,
- 17130 *Rhodod. sp?* shrub 5-6 ft leaves
tomentose, flowers purplish broadly oblong, cordate marked greyish
red, alpine regions 14500 ft.

Collected on Hsung ngai'shan 系 I $\frac{41}{12}$ 4 north of Litching. July 1928.

- 17131 Rhod. sp. shrub 5-8 ft., leaves small elliptical, glabrous cordate, flowers small pale blue. - fir and spruce forest 11500 ft.
- 17132 Iris sp. flowers blue, - among meadows 11500 ft.
- 17133 Rhodod. sp. leaves small oval purple, shrub 8-10 ft. fir forest acute at both ends glabrous, flowers and among spruces 11000 ft.
- 17134 Rhodod. sp. shrub 1-2 ft., leaves small narrow elliptical pale brown beneath, flowers blue. alpine meadows 11000 ft.
- 17135 Rhodod. sp. shrub 2-3 ft., leaves, as before, but dark brown beneath, flowers pale blue, alpine meadows 11500 ft.
- 17136 Rhod. sp. shrub 8-10 ft., leaves oblong pale glabrous beneath, flowers lemon yellow, - spruce forest elev 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 - apple racemes, - spruce forest 11000 ft.

17141 *Rosa* sp.? shrub. 10 ft. flowers

small yellow, cultivated at Wei' hsi:
8500 ft.

17142 *Eukiaanthus* sp.? tree 10-15 ft.,
yellow stripes, west of Titiyung,

leaves oblong, flowers brick red and
elev. 10000 ft.

17143 *Eukiaanthus* sp.? tree 10-15 ft.,
of corolla segments, also faintly

flowers white tinged purple at apex
stripes. same loc. as 17142.

17144 *Rhodod.* sp.? shrub 2-5 ft. leaves
fl. purplish red. foot of Titiyung

bright 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

17152 orchid, flowers yellow.

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

17154 Primula sp? flowers purplish blue,

17155 Anemone sp? flowers white same

17156 Cruciferae. herb flowers pale

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

17158 Liliac. herb flowers purple,
of forest elev 11500 ft. Hsiping shan

17159 Collected on Shang near Kou 上
Wei-hsi, July 1958. August
Composite, flowers yellow.

17160 Composite, fl. yellow, alpine

linear, brown woolly beneath, flowers
dry slopes. West of Wei-hsi.

meadows 11000 ft west of Wei-hsi.

flowers tubular pink, on Hsiping shan

alpine meadows same loc. as 17153

loc. 17154

blue, in swampy meadows 13000 ft,
Hsiping shan

pine forests of Hsiping shan.

spotted darker, meadows and outskirts
shan.

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

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 Pyrus sp? upper alpine forest elev 13500ft.

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

17172 gaultheria? fruits blue,

17173 Prunus sp? (Cherry) fruits brick red, forest of Shan uia Kan, elev. 16000 ft.

17174 tree 10-15 ft, flowers white in spruces, elev 11000 ft. a handsome tree, erect racemes, among canebrake and

17175 Composite, flowerheads purple, in water courses, alpine regions 13500 ft.

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

leaves ovate tomentose brown beneath,
14000 ft.

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

leaves white tomentose, ^{beneath} fl.?

17178 Rhodod. sp.? shrub 3-5 ft,
alpine regions & clanton 13800

leaves white tomentose, flowers red?
14000 ft.

17179 Rhodod. sp.? shrub 2-4 ft,

leaves elliptical, fl.? alpine regions
13800 ft.

Collector: P. W. Reckman & M. L. Terry
territory Aug. 1928.

17180 Allium sp.? fl. wine colored, alpine

meadow of Mt. Siboh north slopes
12500 ft.

- 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 Muli stream above Pili
- 17183 *Quercus* sp.? tree 60 ft or more 9500 ft. Muli territory. fine oblong crown, above Pili
- 17184 *Quercus* sp.? tree 15-20 ft. same loc. as 17183.
- Collected in May 1928 enroute Pili camp. * Muli via Yamping from Nguluko
- 17185 Rosal. shrub 3-5 ft. flowers white, banks and slopes of Teshui valley. 10000 ft. elev.
- 17186 *Syringa* sp.? shrub 10-15 ft. flowers pink lavender, same loc. as 17185.
- 17187 herb, fl. pink, in sandy Unicate streambed of Teshui, elev. 10000 ft.
- 17188 *Spiraea* sp.? flowers pink, among rocks in upper Teshui valley 11000 ft.
- 17189 *Anemone* sp.? fl. white on rocky banks upper Teshui, elev. 11000 ft. Unicate
- 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's 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 shrubs at 11500ft elev. upper Teshui.
- 17199 *Rhodod.* sp? shrub 4-5ft, flowers pink, same loc. as 17198.
- 17200 tree 15-20ft. forests of Mucage elev. 10700ft. north of Teshui;
Rosac.

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

- 17211 ^{rubiginosum Fr} Rhodod. sp.? shrub 5-8 ft. summit pass near Ngok Khin pko 13000 ft. photogr. color plate no. 11571
- 17212 Rhod. sp.? tree 10-12 ft. fir forest at Ngok Khin pko 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 Ngok Khin pko 12500 ft.
- 17215 Primula sp.? fl. purple, - alpine meadows same loc. as 17214
- 17216 Tree 10-15 ft. flowers greenish-yellow, - forest foot 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 - "Dantaolo" gorge 8500 ft.
- 17219 Rhodod. sp.? shrub 1-2 ft. fl. ~~pink~~ head pale rose, pink, dry open pine ridges at Huanabiko 11600 ft.
- 17220 Tree 12 ft - 15 ft. fl. yellow, dry gorge, below "Dantaolo" 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 Lautsalo? 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 Fung Kou in Yangtze territory
- 17227 Prunus sp.? tree 15-20 ft. fruit pinkish red. in large grove
above Pouwua elev. 9000 ft.
- 17228 Carum sp.? tree 15 ft. flowers cream-colored same loc. as 17227.
- 17229 woody vine, flowers yellow in forest at Pouwua, 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 Poumoua 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 mountain above Wualapi - forest of
Hydrangea spruce 10500 ft. south of Leckum border.
Collector: P. W. Leckum May 1928.
- 17235 *Rhodod.* shrub or small tree 10-12 ft. - spruce forest above
Vudja, 11000 ft. flowers 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 Yowah Masurkar
elev. 11000 ft. Mt. Pibboh
- 17239 *Ribes* sp? shrub 6 ft. same loc. as 17238, 11500 ft.
- 17240 Lichen on spruce and oak trees, below Pibboh. elev. 11500 ft.

Collected on Mt. La Chou Chou K'hi south east of Chungtien, North Yunnan
August & September 1928.

17241 Composite flowerheads purple in meadows 12000ft.

17242 ~~Rapuntium~~ Carapana, flowers red? among rocks 13500ft-14000ft.

apparently mixed with # 17290
One specimen mounted for W.S. 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 13000ft.

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 Saxifrage 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 14500ft
- 17261a " " " " " "
- 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 13000ft.
- 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 15500ft.

- 17271 Composite flowerheads yellow alpine meadows 14000ft.
- 17272 Aster sp. florets purple lavender " " 12000ft
- 17273 Primula sp. flowerheads 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, - 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 collected.
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* 14600ft among rocks.
- 17283 *Rhodod. sp. shrub* 3-4 ft. slopes at 12500ft.
 There were Han southeast of Chumpton North Yunnan. Aug. Sept. 1928.
- 17284 *Rhododendron sp. shrub* 5-6 ft. alpine region 14500ft
- 17285 *Rhodod. sp. small tree* 12-15 ft. in fir forest at 13000ft.
- 17286 *Ostoneaster sp. fruit red* " " " shrub 4-6 ft.
- 17287 *Euonymus sp. fruit pinkish red*, shrub 10-15 ft. in spruce forest 11000-12000ft.
- 17288 *Aconia sp. flowers yellow*, in spruce forest at 12500ft.
- 17289 *Wikstroemia sp. shrub* 3-4 ft. " " 12000ft. fruit orange red.
- 17290 *Caragana sp. prostrate shrub* at 13000ft among rocks. flowers?

Chumpton meadow, north

Juniper, elev. 11500ft.
Aug. - Sept. 1918.

17291 Composite climber over shrubs

at Chumpton, flowers purplish blue,

17292 ~~Shrub~~ woody climber 10-20ft. long. - in fir and spruce forest -
fruits red. 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.
Rosaceae

" " "
fruits cherry-like red.

17301 *Bucus* sp. shrub 3-4 ft.

Chumpton meadow 11500 ft.

17302 *Artemisia* sp. flowers yellow

" " "

17303 *Impatiens* flowers purple

" " "

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

glaucous, on banks of Yündodji

17305 tree 10 ft. same loc. as

17304.

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

Collected on Shwe men Kan

leaves glaucous same loc. as 17304,
sand east of Chumpton Arg. Sept.
1928.
elev. 14500 ft. alpine region.

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

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 ^{seed sent.} Vaccinium sp. lower slopes of Likiep occurrence elev. 10500 ft.
Sept. 1928. shrub 2-4 ft.
-
- 17314 Delphinium sp? plant 3 ft tall or more, flowers a dull purplish grey.
meadows of Lata elev. 11000 ft. Sept. 1928.
- 17315 Senecio sp? forest near Tokesh upper Yangtze Loop elev.
Sept. 1928. 12000 ft. meadows.
- 17316 Tilia sp? tree 25-30 ft for forest of Shergku Sher to; elev. 12500 ft.
Sept 1928
- 17317 Delphinium sp? flowers rich purplish blue, on slopes of Mt. Rapo,
elev 12500 ft. Sept 1928
- 17318 Composite forming rosettes in alpine meadows of Mt Jibboh, S.W. Beck.
elev. 12800 ft. leaves red.
- 17319 Delphinium sp? forest of ~~RAPO SHAN~~ ^{Laposhan} among limestone
on steep grassy banks, elev. 12500 ft. Sept. 1928. of Yangtze Loop.
- 17320 Allium sp? flowers wine color same locality as 17320

- 17321 *Delphinium* sp.? flowers purple
among limestone boulders,
slopes of Mt Lape, Gangee loop
and grassy slopes. elev. 12500ft. Sept 28.
- 17322 Composite, sp.? fl. yellow -
shan above Lantholo' gorge
spruce forest northern slopes of Lape
elev 11500ft. Sept. 1928, - spruce forest.
- 17323 *Gentiana* sp.? creeper on mossy
slopes. Sept. 1928.
banks elev. 11500ft Mt Lape, northern
- 17324 *Fesmeriac.* herb, on dry limestone
flowers deep orange, Sept. 1928.
boulders in Lantholo' gorge, 9000ft elev.
- 17325 *Anemone* sp.? flowers large
Rikamp snow range elev.
white, at foot of glaciers at Sabaloko
12000ft. Oct. 1928. seeds collected,
very ornamental.
- 17326 *Silene* sp.? on gravelly slopes
at foot of glaciers Sabaloko
same loc. as 17325.
- 17327 Composite flowerhead
purple, same loc. as 17325.
wet gravelly slopes.
- 17328 *Silene* sp.? at foot of cliff at
the head of Sabaloko elev 12500ft.
- 17329 *Gentiana* sp.? flowers deep
steel blue same locality as 17328.
- 17330 *Pedicularis* sp.? flowers purple
Unicte
same locality as 17328,
glacier gravel.

17331 Crucifer, flowers? glacier

gravel at Sabaloka elev 12500 ft.
Sikhiang snow range.

17332 Delphinium *h. Kiampense*
at the head of Sabaloka elev.

flowers rich blue, at foot of cliff
12500 ft.

17333 *Geranium* sp? flowers
also in fir forest in moss.

pinkish mauve same loc. as 17332.

17334 Gentianace. herb, flowers blue

on cliffs at foot of glacier Sabaloka.
Oct. 1928.

17335 Gentianace. 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 11500 ft.

bluish purple. in fir and spruce forest
Oct. 1928.

17339 *Picea* sp? tree 50 ft. slopes of

Sikhiang snow range Saba domain
elev. 11000 ft. Oct. 1928

17340 *Abies* sp? tree 40-50 ft. at the

head of Sabaloka elev. 12500 ft.
Oct. 1928.

- 17341 Gentianaac. herb, flowers pinkish
north of Nguluko; elev. 9800ft.
at the head of the Likiep 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 Jampung lake
pines, November 1928.
- 17345 Labiate climber flowers pink
Kuli territory Hsch. ~~tree~~
on trees and shrubs at Javua -
November 1928. elev. 10000ft.
- 17346 Gentiana sp? flowers purplish
at Javua in Kuli 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 Kon Jangte
4 ft tall.
- 17348 Legume shrub 3-4 ft. flowers
above Fung Kon 7000ft elev.
deep bluish purple, dry sandy hills
November 1928.
- 17349 Dodonaea viscosa shrub, 3-4 ft.
same loc. 17348.
- 17350 Gentiana sp? under oak scrub
elev 8000ft November 1928.
on grassy slopes below Laetsolo

17351 Gentiana sp. herb, flower white
no 17350.

17352 Rhodod. sp? shrub 1-2 ft.
dry pine covered slopes above
Moomber. 1988.

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

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

17355 Gentiana sp? flowers a brilliant
at Po Khe Ko. Nov. 1988.

17356 Rhodod. sp? shrub or small
spotted purple, forests of Po Khe

17357 Rhod. heliopsis tree 15 ft.
17356 Nov. 1988,

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 17351

flowers pink tubular - glabrous heads
Pantolo; elev. 10000 ft. Seed coll.

colored on rocky - moss covered banks
elev. 11000 ft. Nov. 1988.

pink shrubs 3-4 ft. or 2 ft. on high
12500 ft. Nov. 1988. Seed coll.

blue, - swampy meadow 12000 ft.

tree 12-15 ft. flowers white & pink
Ko elev. 12000 ft. Nov. 1988. Seed coll.

flowers purplish, same loc. as
Seed coll.

tree 12-15 ft. leaves ovate acute at both
yellow, same loc. as 17358. Nov. 1988
Seed coll.

meadow at Po Khe Ko elev. 12000 ft.
Seed coll.

grayish yellow tomentose beneath,
To Keshu 10000 ft. Nov. 1988 Seed coll.

- 17361 *Abies* sp? trees 80 ft tall cones
north of Tohesher, elev 12000 ft.
- 17362 *Picea* sp? trees 80-100 ft tall
11000 ft. Nov. 1928. Yunnan.
- 17363 *Photinia* sp? tree 12-20 ft.
red as are the leaves in autumn,
Nov. 1928.
- 17364 *Sapine* sp? shrub 5-6 ft.
at Yamada Pitam river valley
- 17365 *Cotoneaster* sp? shrub 10 ft.
at Kere north of Kichu, Tzech.
- 17366 *Rhod.* sp? shrub 10-15 ft.
at base, flowers red? fruits
on way to Mt. Liga, elev 13000 ft.
- 17367 *Picea* sp? trees 150-200 ft
forms magnificent forests, trunk.
- 17368 *Aquifoliac.* shrub 6-8 ft. leaves
forest below Mt. Pibboh south.
Jan. 1929.
- 17369 ~~Abies~~ *Picea* sp? trees 100 ft.
camp elev. 10000 ft elev. Jan. 1929
Collected Yunnan province Pitam
- 17370 *Primula* sp? flowers bluish

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

- forests above Ndaza ndu elev.

fl. greenish white, fruits a brilliant
- forest at Peshui elev 10500 ft.
Seeds coll.

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

fruits globose a brilliant red, elev. 9500 ft.
Yamungpui - Kulu, Dec. 1928.
Seeds coll.

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

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

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

- limestone gorge back of Rendjon
with *Pinus Armandi* and *Querc. semecarp.*
snow range, Peshui - Heshui. March
eye yellow moist meadows
10000 ft. Peshui.
1929.

- 17371 cushion plant - gravel along stream Teshui, flowers pale pink
unicate cream-colored.
- 17372 Composite same loc. as 17371.
unicate
- 17373 *Primula Forresti*, limestone ~~of~~ cliffs Teshui, 10000ft.
- 17374 *Brucifer*, flowers magenta-pink grey clay in streambed of Teshui 10000ft.
- 17375 *Primula soucheifolia* swampy 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 Gou Khui 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 "Laetiaolo" Yangtze, elev 9500 ft. March 1929.
- 17382 Rosac. 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 shüliu 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 Yunnan 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 Yung in plain. August 1929. Collected in South-west Yunnan. Muli territory April 1929.
- 17390 Lauraceae tree 15 ft. flowers yellow (parts of) Vudji, elev 10000 ft.

17391 Composite, flowers pinkish
elev 12500 ft. April 1929.

17392 Rhododendron sp? shrub 3-4 ft.
of Sili near Kuli, elev. 10000 ft

17393 Rhododendr. sp? shrub 2-3 ft.
as no 17392

17394 Rhododendron sp? tree 10-15 ft.
to cream colored with pinkish
at Djapo.

17395 Oleaceae. sp? shrub, flowers

17396 Primula soucheifolia in fr
elev 12000 - 13000 ft - forest.

17397 Composite flowerheads yellow
between Djapo and Kuli

17398 Primula soucheifolia in forest
see negative no 47831

17399 Primula sp? flowers bluish,

17400 Primula hidaniana? in meadow
north of Kuli.

brown, to white - gravel on Mt. Pibbo

flowers rich pink, in dry pine forests
April 1929

flowers deep pink same locality

leaves silvery beneath flowers white
tinge, also pure white in forest of
spruce 11000 ft.

white, on skirts of forests. same
loc. as 17394

forests between Djapo and Kuli
moss.

on trail and edge of forests, 12500 ft.
April 1929

of spruce in moss north of Kuli elev
12500 ft April 1929.

eye yellow, meadows north of Kuli
11500 ft April 1929.

of Yesti Koup elev. 10500-11000 ft.
August 1929.

17401 *Primula* sp. flowers deep orange
yellow, in shade on limestone

17402 same as no 17401 fruiting

17403 *Pedicularis* sp. flowers deep
blue. 10000 ft north of Kulm.

17404 *Picea* sp. ^{likiangensis Prif.} trees 100-150 ft. forming
a locking meadows & camp.

17405 *Lilium* sp. in pine forests of

17406 *Veronica* sp. flowers white
unli territory. Aug. 1929.

17407 Composite, flower heads yellow

17408 *Gentianac.* herb. flowers yellowish green, same locality as no 17406.

17409 *Aster* sp. same loc. as 17406.

17410 herb, flowers purplish, meadows of Mt. Pibbuh 11500 ft.
Mentha

cliffs at Dzeccindzouka - Yeti
valley 9800 ft. April 1929. flowering.
same place. fruiting, Aug. 1929.

purple. in meadows of Yeti Kong,
August. 1929

beautiful forests, see photo,
north of Yeti Kong. April 1929

Tudju (unli) elev 10000 ft. Aug. 1929
flowers white spotted purple.

meadows of Mt. Pibbuh elev 11000 ft.

same locality as no 17406

Aug. 1929

unli territory Aug 1929

17411 *Parucassia*? flowers white

meadows of Agou Mt. Pithoh. 12000ft.
August 1929.

17412 herb flowers purple same

locality as no 17411.

17413 *Centianae* herb, flowers deep

steel blue same loc. as 17411.

17414 *Foueria*? herb flowers white
river valley below Nuni' elv

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

17415 *Rhododendron* sp. ^{*hemitrichotum* B. & Farn.} flowers pale
between Dgaon Kamp and Dohioki
specimens. April 1929. color plate 439.

pink in pine forests of Dgaon Kamp,
Kamp Kulu territory photograph this.
National Geographic Society.

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

in pine forest of Dgaon Kamp north of
purplish blue.

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

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

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

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

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

camp in the Jalung gorge, elev. 7800ft.

17420 *Prinula* sp. flowers white on
ditches, elev 7800ft Jalung

water sprayed cliffs at Muti camp also along
gorge May 1929.

17421 herb flowers white grassy slopes
Bawrong, Yalung gorge.

17422 Bignoniac. plant flowers
Yatsa Kong same locality

17423 Leguminous shrub 5-8 ft. flowers

17424 Primula sp.? flowers purplish
Yatsa Kong (valley) elev.

17425 Legume, terrestrial twiner,

17426 Rhododendron sp.? shrub 2-3 ft.
Tatiengk border ~~15000~~ ft. east of
above Mundou.

17427 Composite, pine forest of Sengain
Yalung watershed. 10000 ft.

17428 Rhododendron shrub 4-5 ft.
— Brido Kong near Chin

17429 Rhododendron sp.? shrub 10 ft.

17430 Rhodod. sp.? tree 15 ft. flowers

— Yatsa Kong 'Kunli' 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 Kong, July 1929

alpine regions of Wadgaun Kunli —
Yalung. flowers pink ¹⁴⁰⁰⁰ 15000 ft.

Kong Chin lung basin territory,
May 1929.

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

flowers deep purple. Brido Kong
May 1929.

whitish pink, valley of Brido Kong
near Chin lung basin.
April May 1929.

- 17431 *Rhododendron* shrub 10 ft.
near junction of Wushi stream
flowers purple, valley of Bruidokang
elev 10500 ft. May 1929.
- 17432 *Rhododendron* sp? shrub 4-5 ft.
of Yalung Nene's territory
flowers white-pinkish
alpine region of Dzangpimran, east
elev 12500-14000 ft. May 1929.
- 17433 *Delavayella* sp. dry rocky cliffs
along Chien lung basin stream
Chien lung basin 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 Chien lung basin
flowers rich pink with purplish tinge,
stream, Chien lung basin.
- 17436 Composite on cliffs of Chien lung
basin with no 17433.
- 17437 herb flowers white in marshy
at basin. 11600 ft.
meadows at Tanku north of Chien lung
- 17438 *Primula* sp? flowers a rich pink
common north all the way to Tatsien
in marshy meadows at Tanku elev. 11600 ft
blue on drying. May 1929
- 17439 *Juniperus* sp? shrub 5-6 ft. in
Asian elev 11400 ft. May 1929.
Shanku longpa north of Chien 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. Shachen longba elev. 11400 ft.
May 1929
- 17442 *Rhodod. sp?* shrub 2-3 ft. flowers deep purple. at Seon Pomba 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 Seon Pomba large.
- 17444 *Picea sp?* tree 60-80 ft. forest of 12500 ft. May 1929
Yanwekang near Seon Pomba, elev.
- 17445 *Prunus sp?* tree 25 ft. forest of Yanwekang near Seon Pomba.
elev 12000 ft. May 1929
- 17446 *Primula sp?* flowers yellow, south of Seon Pomba rare.
- in shade on cliffs in Yanwekang elev 11500 ft. May 1929.
- 17447 *Berberis sp?* shrub 5 ft. Valley of Yanwekang at Shaintien elev 9000 ft.
May 1929
- 17448 *Thujia orientalis* shrubs or small trees wild on dry rocky slopes in Yanwe-
Kang same loc. as 17447
Collected on Chipin la elev 15900 - 16300 ft. south of Phemptai, July 1929.
summit pass of Chipin la.
- 17449 Composite rosettes in gravel at
- 17450 *Saussurea sp?* in gravel and scree 16300 ft.

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

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

17462 *Triumla* sp.? flowers reddish purple, along streams, same loc. of
Chipimla (rare!). elev 14000 ft.

17463 Composite fl. yellow. same loc. as 17462

17464 *Androsace* sp.? cushion plant. pink. photographed this plant
elev 14000 ft. May 1929
17465 herb flowers white - meadows
Gentiana -
at Chempitai 13000 ft.

17466 *Leontopodium* sp.? Chempitai
valley grassy banks 13500 ft.

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

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

17469 *Corydalis* flowers yellow
Chempitai valley elev 14000 ft.
with *Rhododendron* bushes, -
July 1929.

17470 *Rhodod.* sp.? flowers yellow
at Chempitai and in entire Chempitai valley
forming the sole shrub. 14000 ft.
July 1929

17471 Rosae. herb, flowers yellow

in meadows of Chempai valley
13000 ft. July 1929

17472 herb, flowers pale yellow

bracts purplish same loc. as 17471.
hills back of Rindan puran 14000 -
to 15000 ft. July 1929

Collected at Julongshi in the

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

white spotted purplish 14000 ft. elev.

17474 Primula sp. flowers purplish
Julongshi 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 previous grassy
in the valley at Julongshi

17478 Rhododendron sp. > similar to

17477 same loc.

17479 Pedicularis flowers yellow grassy

slopes Julongshi 13500 ft

17480 Pedicularis fl. purple,

same loc. as 17479

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

17491 Rhodod. sp? shrub 2-3 ft.
loc. as 17490.

17492 Rhod. sp? shrub 2-3 ft. flowers
as no 17491

17493 Crassul. herb, on rocks and
y

17494 Caragana sp. shrub 2-4 ft.
14000 ft.

17495 Allium sp? flowers yellow
slopes Yulongshi 13000 ft.

17496 Liliaceae sp? flowers yellow,

17497 Libiraceae? along stream and

17498 Androsace sp? flowers pinkish

17499 Primula sp? flowers bluish.
near Rindzu puru elev.

17500 Rosac. herb. flowers yellow,

flowers small ^{deep} yellow, same

whitish to pale yellow. same loc.

cliffs elev 15000 ft flowers purplish.
yellow. Yulongshi.

flowers yellow, hills of Yulongshi

among Rhodod. bushes on grassy
July 1929

meadows of Yulongshi; elev 14000 ft.

hills - Yulongshi; elev. 13400 ft.

purple meadows of Yulongshi;
elev 13500 ft.

purple on cliffs - Yulongshi valley
13400 ft. July 1929.

meadows of Yulongshi; elev. 14000 ft
July 1929

17501 *Lepum* sp. fl. flowers blackish
slopes of Yulampshi, elev.

17502 *Rhodod.* sp? shrub 23 ft.

17503 *Ranuncula* sp? flowers pale

17504 *Anemone* sp? flowers blue,
Yulampshi.

17505 *Primula* sp? flowers purplish

17506 Composite, fl. orange red,

17507 *Potentilla* sp? fl. large yellow

17508 *Primula* sp? flowers yellow,
Collected in Kirechi valley a branch
(Tatsienlu district).

17509 *Rhodod.* sp? shrub 1-2 ft. flowers
14500 ft.

17510 *Allium* sp? flower head reddish
ice elev. 16000 ft upper Kirechi,

purple (large rootstock) grassy
15000 ft. July 1929

flowers white, hills of Yulampshi
14500 ft.

yellow, same loc. as no 17503

alpine meadows 15800 ft. - 16000 ft.

red, alpine meadows 16500 ft
Yulampshi.

alpine meadows 15000 ft.
Yulampshi.

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

along brooks Yulampshi; elev
14000 ft. July 1929.

of the Jesilangpa, north of the Jirila, July 1929.
white at foot of Kirechi glacier, elev

yellow, in gravelly stream bed among
near Ben Kirechi la. July 1929.

17511 Rhodod. sp? shrub 4-8 ft.
glacier 15000 ft.

17512 Caragana sp? shrub 1-2 ft.
grassy slopes of Riechi valley

17513 Rhodod. sp? flowers purplish

17514 Primula sp? flowers purplish

17515 Lonicera sp? shrub 3 ft. flowers

17516 Salix sp? shrub 1-2 ft.

17517 Primula sp? forming cushions,
scrub elev 15000 ft. Riechi

17518 Rhodod. sp? shrub 1-2 ft. fl. deep

17519 Rhodod. sp? shrub 1-2 ft.
no 17518.

17520 Primula sp? flowers purplish

flowers white at foot of Riechi

flowers pale yellow pinkish tinge,
15500 ft.

pink same loc. as no 17511.
shrub 2-3 ft.

red, grassy slopes and gravelly banks
Riechi glacier.

yellow, Riechi valley 13800 ft

Riechi valley 15000 ft.

flowers rich purplish red in Rhodod.

purplish blue large, glacier of Riechi
15000 ft.

leaves very small, flowers blue, pink

blue, moist banks - Riechi valley
elev. 15200 ft.

17521 *Primula* sp. alpine region of
to blue.

17522 *Primula* sp. flowers cream-colored,
glacier 15200 ft.

17523 *Primula* sp. flowers deep

17524 *Pedicularis* sp. flowers yellow

17525 *Donicera* sp. shrub 1-2 ft

17526 *Salix* sp. Rinchivalley 15000 ft.

17527 *Anemone* sp. meadows of

17528 *Anemone* sp. " "

17529 *Salix* sp. prostrate shrub -

17530 stout herb, flowers purplish

Rinchi 16000 ft. elev. flowers purplish

red, meadows near mouth of Rinchi

purple - company with 17522.

with 17521.

flowers yellowish Rinchi valley
elev. 14800 ft.

Rinchi 14500 ft. fl. white

" " " yellowish smaller.

streambed of Rinchi 15200 ft.

green meadows of Rinchi elev.
14500 ft.

17531 Composite, flowers greenish

17532 Rhodol. sp? shrub 1-2 ft.

17533 Leguminos. plant, flowers

collected in Jesi Langpa north
17534 Rhodol. sp? shrub 2 ft. flowers

17535 Rhodol. sp? shrub 1-2 ft. flowers

17536 Primula Wardii? flowers pink
bet in the Jesi Langpa, 13500 ft.

17537 Cotonaster, prostrate shrub,

17538 Cotonaster sp? shrub 4-5 ft.

17539 Primula sp? flowers purplish

17540 Primula sp? flowers small

purple, meadows of Riichi, elev
14000 ft.

flowers white, glacier of Riichi
15000 ft.

pale yellowish green, Valley of
Riichi streambed 14200 ft
of the Jesi Langpa and south of Tatsienlu, July 1929.
Deep purplish blue, elev 14000 ft.

large pale blue, elev. 14000 ft.

fragrant swampy banks of stream

on rocks in Jesi Langpa, elev 13500 ft.

Jesi Langpa 13500 ft.

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

purplish blue, meadows of Jesi Langpa
12500 ft.

- 17541 *Ribes* sp.? shrub 5-8 ft. at
 17542 *Geranium* fl. purplish,
 17543 *Anemone* 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

- Julinggang north of Tatsienlu
 11500 ft.
 meadows at Julinggang
 same loc. as no 17542.
 Julinggang 11000 ft. elev.
 loc.
 same as no 17542
 along brooks at Julinggang 11500 ft.
 to purplish. swampy meadows at
 purple, ~~at~~ near Jesila 15000 ft.
 upper Jesilongba.
 purple spotted greenish, gravelly slopes
 upper Jesilongba 15000 ft.

- 17551 *Aureum* sp? flowers white blue beneath, alpine meadows
below Jisila. 15000 ft.
- 17552 *Tricentra* sp? flowers pale pink swampy uplands of Jisilangba
elev 14500 ft.
- 17553 *Tricus* sp? flowers pale pink Yuling gong 11000 ft.
- 17554 *Cardamine* sp? flowers cream - pink, Jisilangba 14500 ft.
- 17555 *Rhodod.* sp? shrub 3-5 ft. flowers white Jisilangba elev. 15000 ft.
- 17556 *Rhodod.* sp? shrub 4-6 ft. flowers white Jisilangba 14500 ft.
- 17557 *Rhodod.* sp? flower bluish shrub 2 ft. " "
- 17558 *Rhodod.* sp? shrub 4-5 ft. flowers white " "
- 17559 *Rhodod.* sp? shrub 3-4 ft. flowers deep purple " "
- 17560 *Rhodod.* sp? shrub 10 ft. flowers white pinkish Jisilangba
14600 ft.

- 17561 *Rhodod. sp?* ^{erubescens Hutch.} tree 12-15 ft.
neg. no 48178
- 17562 *Rhodod. sp?* shrub 1-2 ft. flowers
w. 17561
- 17563 ~~Ph~~ *Rhodod. sp?* shrub 6-8 ft.
flowers deep pink, same loc. as 17561.
- 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
tree 15 ft. flowers a rich pink.
Jesilangba 13500 ft.
- 17568 *Rhodod. sp?* shrub or tree 10-15 ft.
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 *Rhados.* sp. small tree 5-8 ft.

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

17578 *Rhados.* sp. shrub 10 ft.

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

17580 *Pyrus* sp? tree 15 ft. flowers

blue below Jesila at Tsidji tong

same loc. as 17571

below Jesila, elev 14500 ft.
opposite Kiechi

in shade under bushes 12500 ft
Jesilampba.

flowers dull yellow, Jesilampba
12500 ft.

flowers whitish pink to purplish
Jesilampba 14500 ft.

flowers blue, Jesilampba 13000 ft.

flowers pinkish purple, May 1929
Jesilampba
Jesilampba elev 11000. June 1929.
yellow.

white along stream

17581 Spiraea sp? shrub 6 ft.

flowers white.

17582 Leptodermis? flowers pink

along stream Yulinggang 11000 ft.

17583 Primula sp? flowers yellow

meadow at Yulinggang

17584 Cardamine? flowers white

17585 Sorbus sp? small tree 15 ft.

Yulinggang 11000 ft.

17586 Rhodod. sp? small tree

10 ft. flowers pink very handsome
at ~~Y~~ Yulinggang stream 11000 ft.

17587 Ribes sp? shrub 3 ft.

17588 Rhodod. sp? shrub 5-6 ft

flowers purple

17589 Betula sp? bark white

tree 15 ft.

17590 Lauraceae tree 15 ft. fl.

yellow

17591 *Eriogonum* small shrub

Collected around Tatsienlu June 1929

17592 *Paeonia* sp? flowers pink &

17593 *Syringa wilsoni*, flowers
shrub or small tree

17594 *Rhodod.* sp? shrub 5 ft. flowers

17595 *Rhodod.* sp? shrub 4 ft. fl.

17596 *Primula* sp? flowers pinkish blue

17597 *Cypripedium tibeticum* flowers red-

17598 *Daphne* sp? flowers yellow

17599 *Rhododendron* sp? shrub 3-5 ft.
deep purple branches and pedicels

17600 *Rhodod.* sp? shrub 3 ft. flower
pale purplish pink

4 ft. flowers greenish. Yulingping
11000 ft ~~south~~ of Tatsienlu June 1929.

elev 9500-10000 ft.

purplish on grassy slopes among bushes.
9500 ft.

lavender fragrant. Tatsienlu.
10-15 ft.

purple, mountains around Tatsienlu
11000 ft.

pink. " " "

rock walls around Tatsienlu 9500 ft.

dish purple dark striped. grassy slopes around
Tatsienlu 11000 ft.

fragrant. shrub 1-2 ft. mountains
around Tatsienlu 11000 ft.

flowers
hairy

" " "

" " "

- 17601 *Lonicera* sp. shrub 3-4 ft. flowers yellow mountains around Tatsienlu
elev 11000 ft.
- 17602 *Ericac.* plant flowers white with pinkish edges. alpine region around
Tatsienlu 13000 ft.
- 17603 shrub 4-6 ft. flowers a dirty white common along streams near Tatsienlu
elev. 10000 ft.
- 17604 *Crataegus*? tree 15 ft. flowers white " " " "
Collected on the Niingya Snow range - Tsanku longba east of Jurlongba;
11800 ft. June 1929.
- 17605 *Sorbus* sp. tree 10-15 ft. valley of Tsankulungba. flowers white.
- 17606 *Populus* sp. tree 100 ft. valley of Tsankulungba.
- 17607 *Primula* sp. flowers yellow, dry grassy banks of Tsankulungba.
- 17608 shrub 6-8 ft. flowers white.
- 17609 herb flowers white " " "
- 17610 herb flowers white - fields of Tsankulungba.

Collected in Tsanku longpa

Niingya saw range
ele 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
ele 11900 ft.

17621 Composite flowers deep orange

— field and meadows of Tsauker
Langba.

17622 Pedicularis, flowers purple

Forest meadows at 12000 ft.

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

flowers pink grassy slopes.
11800 ft.

17624 Gentia sp.? flowers white

17625 Cyrtopodium tibeticum

grassy slopes

17626 Ranunculus sp.? shrub 3-4 ft.

flowers pale yellow

17627 Clematis sp.? flower white

on bushes.

17628 Rosa sp.? flowers white

shrub 6-8

Kouka Langba on Ningya Kouka

snow range, east of Yulungphai.

17629 Rhododendron sp.? tree 10 ft.
— oak forest of Kouka Langba.

June 1929.
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 ridge

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

Unicote

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
Uniculate

at 17200 ft

17643 herb fl. white " "

" "

17644 *Primula* sp.? tiny plant, flowers
Uniculate

bluish among slate at 17200 ft.

17645 *Potentilla* sp.? fl. yellow, among

crags at 17000 ft.

17646 shrub fl. white, Kouka tangpa

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,
collected at the village of Tseuni

17650 *Spiraea* sp.? shrub & fl. fl. white

elev. 15000 ft among gravelly and
grassy slopes.
at the foot of Tseuni tangpa Kiviny Kouka.
June 1939.
along Tseuni stream

- 17651 *Rosa* sp? shrub 4-6 ft. fl. white. Tseui'langba 12000 ft.
- 17652 *Sorbus* sp? tree 15 ft. fl. white " " "
- 17653 *Lonicera* sp? shrub 3-4 ft. flowers pale yellow. " " "
- 17654 *Primula* sp? flowers bluish purple, upper Tseui'langba 14500 ft.
- 17655 *Rhododendron* sp? shrub 4-5 ft. flowers white Tseui'langba 14500 ft.
- 17656 *Rhododend.* sp? shrub 6-8 ft. - spruce forest elev. 12800 ft. Tseui'langba.
- 17657 *Rhod.* sp? shrub 3-4 ft. flowers pink Tseui' 12500 ft.
- 17658 *Rhod.* sp? " " " white " "
- 17659 *Primula* sp? flowers large bluish purple eye dark blue, gravelly slopes of Tseui'la 15900 ft.
- 17660 *Pedicularis* sp? flowers purple grassy slopes Tseui'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.

" " "

Tseuilaouba in banks along
trail 14000 ft.

on wet gravel Tseuilaouba
14000 ft.

Tseuilaouba grassy slopes 14000 ft.

in spruce forest Tseuilaouba
13500 ft.

Tseuila, 15000 ft.

Collected in Pambur Langba
which leads to the Tsemita

a lateral valley of Gulangshi
and Mungya Kanka June 1929.

17671 prostrate herb, flowers

lavender purple, elev 14500 ft.

17672 Primula sp? flowers purplish

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

17673 Primula sp? flowers yellow

in company with 17672

17674 Anemone sp? flowers red

below Tsemita in Pambur Langba
15000 ft.

17675 Meconopsis sp? flowers deep

blue, grassy slopes in Tsemita
Pambur Langba 15000 ft.

17676 Anemone, flowers yellow,

same loc. as 17675

17677 Anemone sp? fl. white purplish

purple, same loc. as 17675

17678 herb, flowers greenish brown.

grassy and gravelly slopes 15000 ft.

Collected in Tsemita Langba below

Tsemita, Mungya Kanka. June 1929.

17679 cushion plant flowers white

among rocks on Tsemita 15900 ft.

17680 Primula sp? gravelly slopes

Tsemita Langba 14500 ft.
flowers pinkish blue.

- 17681 *Primula* sp. flowers yellow
- 17682 *Androsace* sp. flowers pale
Tseuilaungba elev 15000 ft.
- 17683 *Meconopsis* sp. flowers purple
- 17684 *Caragana* sp. shrub 1-2 ft.
- 17685 *Rouicera* sp. shrub 3-2 ft.
- 17686 *Spiraea* shrub 3 ft. fl. white
- 17687 *Spiraea* sp. shrub 3-5 ft.
- 17688 Composite flowers orange.
Collected on spur between Kouka
- 17689 *Anemone* sp. flowers cream
- 17690 *Meconopsis* sp. flowers blue

Tseuilaungba 13500 ft.
meadows.

pink to white gravelly slope —

blue. Tseuilaungba 15000 ft.

fl. cream-colored pinkish, Pamber-
longba 14500 ft.

flowers lemon yellow along
brooks at Tseuilaung; 13000 ft.

Tseuilaung village. 13000 ft.

" " "

" " " fields.

longba and Beechi longba Ni'ing
June 1929. Kouka.
colored among boulders. 16000 ft.

~~to~~ elev. 15500 ft. grassy slopes.

Soulié

- { neg. no. 48128 Nat. Geogr. Soc. personal no of
- 17691 Rhododendron sp? tree 10 ft.
Common around Kouka
photographer has species list
- 17692 Legume flowers blue on
Buckley 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 rich
- 17699 Clematis flower, yellow
- 17700 herb flowers reddish, alpine

negative 1325. Color Plate 589

flowers a rich pale pink,
pamba - Kouka langba elev 13400 ft.
color plate and paccakammatic June 1929
spurs 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 bowbers, 17200 ft.
Mingya Kouka.

"

"

"

wine colored - cushions on
gravelly ~~and~~ 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 *Guaphaleum* sp. below Jesila

14300 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 Kuichi valley elev. 14000 ft - 15000 ft.

17707 *Pedicularis* sp. fl. purple,

meadows - upper Kuichi 16000 ft.

17708 *Anemone* sp. fl. white bluish

beneath, elev. 15000 ft.

17709 *Pedicularis* fl. white & cream
Jesila 15000 ft.

col. keel purple, meadows below

17710 *Meconopsis* sp. flowers large

deep bluish purple grasslands of
upper Yulonghse 15500 ft.

17711 Androsace sp? fl. pink,

grassy slopes below Jecila 16000ft.
June 1929

17712 Androsace sp? fl. white

same loc. as 17711

17713 Primula sp? fl. yellowish
under willow bushes 14000ft.

green, below Jecila - Jecilangba

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
Ranunc.

Jecila - meadows 15000ft.

17717 Meconopsis integrifolia

same loc. as 17716.

17718 Rhod. sp? shrub 8 ft. fl. pinkish

purple. Jecilangba 13800ft.

17719 Rhodod. sp? shrub 5-6 ft. flowers

pink purplish tinge among
boulders of granite Jecilangba 15500ft.

17720 Rhodod. sp? flowers white

purplish tinge

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

- 17731 Rhodod. sp? shrub 1 ft. fl. deep bluish purple, Jesila 15500 ft.
16000 ft.
- 17732 Rhod. sp? tree 15-18 ft. fl. white Jesilangba 14500 ft.
- 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. Jesilangba 13500 ft.
- 17736 Rhod. sp? shrub 3-4 ft. fl. deep purple, " "
Collected in Bölu longba below
Chipin la elev. 14000 ft. June 1949.
- 17737 herb. flowers greenish swampy meadows.
- 17738 Pedicularis, flowers yellow, "
- 17739 Iris sp? flowers blue in meadows under willow shrubs,
at 13500 ft.
- 17740 Iris sp? " white " " "

Collected below (south) of
en route to Wuski.

- 17741 Iris sp. flowers pale blue
goniocarpa Baker
- 17742 Rhodod. sp. tree 15-20 ft. -
and Bölenlampba. 14500 ft.
- 17743 Legume sp. flowers purplish blue
- 17744 Rhodod. sp. shrub 6-8 ft. flowers
yellow
- 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 soucheifolia forest of

Chiprim la in upper Bölen lampba.
June 1929.

- in meadows. (see color plate
and photograph)
- fir forest above junction of Chiechen
- pass southwest of Bölen lampba
18000 ft.
- yellow, forests of Bölen lampba.
13800 ft.
- meadow of Bölen lampba 14300 ft.
- " " " "
- " " " "
- " " " 13500 ft.
- fl.? Bölen lampba outskirts of forests
of spruce 13800 ft. June 1929
- Bölen lampba firs and spruce. 14300 ft.
May 1929.

- 17751 *Rhod. sp?* shrub $\frac{1}{2}$ ft. fl. deep
Bölu langpa near pass over
bluish purple. (upper) southern
Pombaya peaks 15000 ft.
- 17752 *Primula sp?* fl. pink fragrant
wardii? swampy meadows of Bölu langpa
14000 ft.
- 17753 *Primula sp?* same loc. as
17751.
- 17754 *Monarda sp?* fl. rich pink
Uniccate meadows of Bölu langpa, elev. 13800
- 17755 *Corydalis sp?* flowers pale blue " " " "
- 17756 *Primula sp?* flowers purplish blue " " " "
- 17757 *Lucarivillga sp?* fl. purplish
Uniccate magenta " see photo & color plate
- 17758 prostrate herb, flowers purplish
blue Pombaya peaks 15000 ft
south peak of Bölu langpa.
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 Pambaya pass
- 17762 Primula sp.? flowers bluish
elev. 13800 ft.
Cassiope selaginoides Hook. & Thoms.
- 17763 Ericac herb. fl. white same
- 17764 Rhodod. sp.? shrub 6-10 ft. flowers
- 17765 Legumin. plant flowers white
Langba 15000 ft.
- 17766 Primula sp.? fl. deep orange
Bölu Langba 13500 ft.
- 17767 Aedrosace sp.? flowers pink
~~Calophaca~~ Calophaca crassicaulis Back.
- 17768 Legum. plant prostrate fl.
see negative 47708, 47709. 47710.
- 17769 Saxifrag. plant flowers pink
- 17770 Rhod. sp.? shrub 4-6 ft.

purplish blue, - black gravel
15000 ft. June 1959.

lavender, meadows of Wushu pass

loc. as 17761. (see negative 47709
47708)

pale pink below Pambaya - spruce
forest 14800 ft. June 1959.

~~the~~ meadows and forests of Bölu -

yellow, meadows and forests of

on black gravelly slopes 15000 ft.
pass to Wushu. June 1959.

yellow, same loc. as 17767

- mossy forests same loc. as 17764

same loc. as 17764

- 17771 Androsace sp. flowers pink
- 17772 Senecio sp. valley below
- 17773 Androsace sp. valley of Mudi
- 17774 Gentellaria sp. fl. purplish
- 17775 Berberis sp. shrub 5-8 ft.
- 17776 ^{harridula Hook. & Thos.} Meconopsis sp. spray flowers
Mudi and Yulongshi 13500 ft.
- 17777 Myosotis sp. cushion plant fl.
blue, among rocks 16000 ft - 17000 ft
- 17778 Primula dryadifolia fl. purple
- 17779 Geum sp. flowers white in swampy
- 17780 Primula sp. flowers pinkish

Chiprin la elev. 15000 ft -
meadows. June 1929.

Chiprin la 14800 ft.

south of Yulongshi. 13000 ft.

blue " " "

fl. yellow, leaves glaucous.
Mudi valley 13000 ft.

blue grassy slopes at junction of
photograph this species color plates
also pachyrrhizae.

on Sen rou pass northeast of Baerong
July 1929.
pink same loc. 15500 ft.

meadows 15500 ft. same loc. as 17777

purple cushion plant at 16000 ft.

- 17781 herb fl. bluish white - wet
pass.
- 17782 *Primula* sp.? very small, flowers
boulders (limestone) bluish purple - crevices of large
Seuron. 16000ft.
- 17783 *Anemone* sp.? fl. red. same
loc. as 17782
- 17784 *Cypripedium* sp.? fl. purplish
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 50-60ft. forests
of Peticen or Barongamba elev.
12800ft.
- 17788 *Oreocharis Forrestii* (Diels) Skau det. Walker
Pescueriac. plant, in deep shade
see rep. no. 47707 (personal rep. no. 1402-03)
fl. cream-colored, Ngumze Kamp
12800ft elev. July 1919
photogr. this spec. paraffin.
- 17789 *Primula* sp.? fl. bluish grassy
slopes of Ngumze Kamp elev 12500ft
- 17790 *Picea* sp.? tree 40ft. valley of
Ngumze Kamp at Barongamba
12500ft.

- 17791 *Picea* sp? tree 30-40 ft.
- 17792 *Picea* sp? " 40-50 ft.
- 17793 *Picea* sp? ^{*likiangensis* Prizel} tree 50-60 ft - 100 ft.
see negatives no 47700, 47701, personal neg. no: 1413, 1414.
- 17794 *Picea* sp? tree 40 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 ~~*Pignus*~~ *Pignus* sp? fl. white. —
- 17800 *Prunella* sp? flowers white

same loc. as 17790

" " "

Baronpamba Kungze Kung.
elev 12500 ft. see photo.

" " "

below Seuron pass 15000 ft.

slopes under pine trees, below Baron
Yalung gorge.

Drayenkung valley below Baron
pamba 11800 ft.

pinkish Petiole Baronpamba
Drayenkung 11000 ft.

fragrant same loc. as 17798.

colored to purplish petals of Kungze Kung
above Baronpamba. 12500 ft.

flabellata

17801 *Lidissandra 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
ele 12800 ft.
(negative no 48075 / personal neg. no. 1404)

17804 Oleag. shrub fl. white fragr.
Ligustrum.

17805 *Vitex*? shrub 5 ft. grassy flat

17806 shrub flowers pinkish "

17807 shrub 2 ft. on dry bank, -

17808 *Lidissandra sericea*? fl. blue

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

17810 orchid, flowers purple same

walls at Baron pamba, photograph
panchrom. . . Neg. 47699 Nat. Geogr. Soc.
personal neg. no: 1415, 1416.

banks at Upunze Kamp, below
pine forest. Peten, 11800 ft.

forming pure stands forests of Upunze
Kamp north of Baron pamba.
photographed forest. July 1/1919
valley of Upunze Kamp 12800 ft.

at Lanyiba north of Baerung.
ele 11800 ft.

" " "

pine forest fl. yellow, elev. 12000 ft.

sunny exposed place at
Drayenkong north of Baerung
11000 ft.

forests near Lanyiba north of Baerung

loc. as 17802

Collected in Muli territory
in Parou Kong between

- 17811 herb, flowers purplish on
17812 liliac, fl. flowers yellow in
17813 shrub 4-5 ft. fl. white
17814 *Decetyia* shrub 6-8 ft. same loc.
17815 *Quercus* sp? tree 35-40 ft.
17816 *Fesueriac.* 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

west of Baeroung and the Jalung
Jindshu and Seon Panba. July 1929.

grassy banks in shade 9900 ft.

pine forest dry slopes 10000 ft.

near Baeroung 11600 ft.

as 17813

near head of Parou Kong along stream
9900 ft.

in Parou Kong 10000 ft.

blue and pure white same loc. as
17816.

fl. white same loc. as 17813

at Parou Kong 9900 ft.

" " " "

17821 shrub 3 ft. fl. yellowish

17822 plant 2-3 ft. fl. white

17823 *Morina* sp? grassy slopes

17824 *Cleistanthus*, fl. white-cream.

17825 *Lentopodium* sp? dry pine
Collected in Nuni territory on
Pamir and Dzungar.

17826 *Corydalis*, flowers yellow

17827 orchid on grassy gravelly slopes
fl. purple.

17828 herb flowers purplish among

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

17830 *Lentopod.* summit of

- Jaroung Koup 10000 ft.

deep shade along stream -
Jaroung Koup 9900 ft.

pine forest above Bason near Yalta,
alt 11200 ft.

erect shrub 3-4 ft. - Jaroung Koup
dry slopes of 10000 ft.

forest same loc as 17823.

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

near pass Yankoupran 14900 ft.

lawyers at 15000 ft.

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

Yankoupran 15200 ft.

- 17831 Composite flowerheads yellow summit of Yankoupran 15200ft.
- 17832 *Corydalis* flowers yellow, " " " "
- 17833 *Mecocopsis* 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 to 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. same loc as 17835, 15600ft. elev. Collected in Papurushon valley below Yankoupran elev 15000ft.
- 17839 *Potentilla* sp? shrub 2 ft. flowers yellow cream colored - white along stream 15000ft.
- 17840 *Rhodod.* shrub $\frac{1}{2}$ - 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. heads dull reddish purple. " " "
swampy valley floor.
- 17846 Primula sp? fl cream-colored paprank drooping, - swampy
meadow of Papurushon 15000 ft below Yankougram.
- 17847 Abies ^{forestii} sp? trees 40-50 ft. forming pure forest valley of Muchesse below
to Chueron pass 13700 ft. photogr. this forest colan plateau panchon.
neg. no. 47866-67, 48135 color plate 649.
- 17848 Iris sp? flowers pale blue, Valley of Segainy 12650 ft.
- 17849 Iris sp? flowers purplish blue in small meadow beyond Deon pomba
Sclavay Mish. photogr this species. neg. no. 47865
personal neg. no. 1494. color plate 642
nuni territory 13600 ft. elev.
- 17850 fern on trees - Segainy 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 14400 ft

17858 *Rhododend.* sp? tree 10 ft.
^{Collected at Mt. Lipo}

17859 *Potentilla* sp. fl. yellow

17860 *Anemone* sp. fl. red. — alpine

near head of Lochuon pass 14500 ft.

" " " " "

at Leping in Leping valley
elev. 12500 ft.

valley of Leping - Rackon Kong
13500 ft

meadows - Rackon Kong
elev. 13250 ft

purple pass - Rackon Kong 13500 ft.

in swampy meadows and running
elev. photogr. this species

Kulu territory June 1929.
flowers pink slopes of Mt. Lipo 14000 ft

alpine region Mt. Lipo 15000 ft.

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.

Collected Mt. Liza

17871 ~~Primula~~ sp. flowers yellow
Potentilla sp. flowers yellow

17872 Primula sp. flowers yellow

17873 Anemone sp. fl. white

17874 Salix sp. shrub 3-4 ft or less

17875 Lichen among rocks at

17876 Cruciferae. herb fl. yellow

17877 Cotoneaster sp. prostrate shrub
elev 14500 ft.

17878 Primula sp. flowers deep

17879 Primula sp. flowers red to

17880 Rhodod. sp. shrub $\frac{1}{2}$ ft.
flowers deep bluish

Kulu. Zechuan

~~alpine meadows 13500 ft.~~
alpine meadows among rocks.

alpine meadows 15500 ft near
brooks.

meadows 14500 ft.

alpine region along stream
14000 ft.

15000 ft.

among rocks 14500 ft alpine
region of Mt. Liza.

flowers red, among rocks

purple alpine meadows 15500 ft.

purplish along stream, at 13500 ft
Mt. Liza. - 1400 ft.

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

- 17881 *Anemone* sp? among boulders fl. pale lavender, elev 15300 ft.
- 17882 *Primula* sp? flowers deep purple alpine region 16000 ft.
- 17883 *Salix* sp? shrub 1-2 ft. alpine region along brooks 15000 ft.
- 17884 *Primula* sp? flowers purplish blue alpine meadows, 15000 ft.
- 17885 *Primula* sp? fl. yellow on limestone cliffs 11000 ft. Mt. Liza.
- 17886 herb flowers blue, meadows 13800 ft.
- 17887 *Salix* sp? shrub 4-5 ft. along brooks 14000 ft.
- 17888 *Allium* sp? fls yellow, alpine meadows 14500 ft.
- 17889 *Salix* sp? shrub 3-4 ft. along brooks alpine region 14500 ft.
- 17890 *Ribes* sp? shrub 5-6 ft. alpine region 14000 ft.

17891 *Crucifer*, flowers bluish

17892 *Ranunculac.* herb fl. yellow

17893 *Primula soeakifolia* —
— moss.

17894 *Primula* sp? flowers yellow

17895 *Crucifer* fl. white alpine

17896 *Primula* sp? flowers purplish

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

17898 *Edicularia* sp? fl. purple.

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

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

lanceolates, alpine meadows 14500 ft.

water course — shade 13500 ft.
forest.

spruce forest 13500 ft.

leaves dark green alpine meadows
14000 ft.

meadows 14000 ft.

red ~~alpine~~ meadows 15000 ft.

yellow alpine 14500 ft.

alpine meadows 15000 ft.

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

flowers deep purplish pink,
elev 14000 ft.



Collected - Leckman.
Mt. Liza Kulu, - Kulu

- 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.
8 ft. 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. 11951
alpine region 14500 ft.

17912 Rhod. sp? shrub 6-8 ft.

flowers white spotted purple,
elev. 14500 ft. 11951

17913 Rhodod. sp? shrub very

compact, stout, flowers white
elev. 15000 ft.

17914 herb flower, green

alpine region 14500 ft. 11951

17915 herb flowers purple

on cliff, among rocks 14000 ft.

17916 Composite, meadow

14000 ft., fl. heads purple. 11951

17917 Labiate, alpine meadow

14000 ft. 11951

17918 Legumin. pl. fl. blue

alpine region 14500 ft. 11951

17919 Composite, gravelly

alpine regions 14500 ft.
involucre pale yellow. 11951

17920 Composite. "

" " involucre purple. 11951

- 17921 herb fl. steel blue
- 17922 *Lilium* sp. flowers yellow,
- 17923 *Crassul.* pl. accumb
- 17924 *Ligum.* pl. flowers yellow,
- 17925 *Lilium* sp. fl. yellow
- 17926 *Primula* sp. flowers small
- 17927 *Meconopsis* sp. flowers
collected in lower Yetsi
- 17928 *Crucifer* fl. orange,
- 17929 Labiate, flowers purplish
- 17930 herb, flowers white in

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

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 Yetsi valley, 11000 ft.

in

in

in

Yetsi valley meadows 10000 ft.

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

Collected Mt. Siga - Kulu

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

ele. 14500 ft.

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

meadow - pink. in mossy
forest of firs ele 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, Kulu
alpine meadows 14000 ft.

Collected in the mountain

of Keeler, Muli territory
P. W. Geobach.

17951 *Salix* sp? prostrate shrub,

along stream - gravelly bed
June-July 1949.
13500 ft.

17952 *Salix* sp? shrub 2-3 ft.

alpine slopes mountains of Keeler
13000-14000 ft. ♂

17953 " " "

" " " ♀

17954 *Ribes* sp? shrub 4-5 ft.

alpine region 13500 ft.

17955 *Primula* sp? flowers yellow,

roots red, alpine meadows
14300 ft.

17956 herb fl. bluish white

- wet gravel elev. 15500 ft.

17957 *Berberis* sp? shrub 3-4 ft.

fl. yellow. Keeler 13500 ft.

17958 *Rhodod.* sp? shrub 2 ft.

flowers deep purplish blue,
elev 14500 ft.

17959 *Primula* sp? *Beesia*?

swampy meadows 10000 ft. - 12000 ft.

17960 *Salix* shrub 5-6 ft.

along stream, 11000 ft.
Keeler.

17961 *Rhaz. sp?* shrub 1-2 ft.

17962 *Primula wardii?* flowers

17963 herb, flowers pale yellow

17964 *Salix sp?* shrub 3 ft. ♂

17965 *Salix sp?* shrub 4-5 ft.

17966 *Salix sp?* shrub 3 ft - 5 ft.

17967 *Rhaz. sp?* shrub 2 ft.

17968 *Rosa sp?* shrub 3-5 ft.

17969 *Paeonia sp?* shrub 3-4 ft.

17970 *Cypripedium sp?*

flowers pale blue alpine
leaves very small region
14500 ft.

pale pink fragrant
swampy meadows
12000 ft.

in streambeds 12000 ft.

along streams Kulu. 13000 ft.

♂ " " " 13000 ft.

♀ " " " "

flowers yellow (larger) alpine
region Kulu 13800 ft.

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

flowers yellow forest of Djapo
11500 ft.

meadows of Djapo 11500 ft.

Collected at Djapo between

Muli and Kulu.

Leckman.

- 17971 orchid Cyprip. flowers
17972 Leptospermum sp? shrub 3 ft.
17973 Spiraea sp? fl. white.
17974 Legum. plant. flower blue,
17975 Lonicera sp? shrub 4-6 ft.
17976 Legum. shrub, flowers pink
17977 Diapelta sp? shrub 5-6 ft.
17978 Ribes sp? shrub. 3-5 ft.
17979 Leg. shrub 3-5 ft fl. yellow,
17980 orchid flowers purple,

deep purplish red, meadows and
outskirts of forest. 12000 ft.

flowers purplish lavender.
- spruce forest 12000 ft.

shrub 4 ft. along stream
11500 ft. Djapo

(1 ft tall) meadows of Djapo.
11500 ft.

flowers red. forests of spruce
& fir 12500 ft.

- pine forest 11000 ft.

flower pale yellow, forests
of pine and spruce 11000 ft.
" " "

forests of Djapo 12500 ft.

on shady banks - forests
of spruce 12000 ft.

17981 Borag. herb fl. purplish

in pine forest at Djapo.
elev 11500 ft.

17982 Malus sp.? tree 15-20 ft.

open forest at Djapo 10500
11000 ft.

17983 Gentzia sp.? shrub 6-10 ft.

flowers white forest of Djapo
11000 ft.

17984 shrub 6-8 ft. flowers yellow

17985 Prunus sp.? flowers pale

pink, tree 20 ft. Djapo forest
11500 ft.

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

leaves large 2 ft tall long,
flowers large pink.
large umbels very handsome.
forest of Djapo elev. 11500 ft.

17987 shrub 4 ft. flowers white

17988 Sorbus sp.? tree 15-20 ft.

flowers white 11500 ft forest of
Djapo

17989 Rosa sp.? fl. white shrub

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

17990 orchid flowers purple,

on rocks in pine forest. 11000 ft
Djapo.

Collected on the mountain

east of Yetse valley adjoining
Nat. Sipa, Kulu, Lhasa, June-July
1929.

17991 *Incurvillaea* 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 *Primula* sp? flowers rich pinkish blue, — alpine meadows 13000 ft.
- 18002 *Pyrus*? tree 15-20 ft. flowers white, on (shirki?) forest 12500 ft.
- 18003 *Lonicera* sp? shrub 3-ft. flowers yellow, — Rhod. forest 13000 ft.
- 18004 *Primula* sp? flowers bluish purple, alpine regions 13000 ft.
- 18005 *Stellera* sp? fl. yellow, steep 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 *Rhados* 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} _{terity} ¹³ ₁₃
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.

Keel purplish meadows of Kulu
12500 ft.

Collected in the mountains

- 18021 Rhodod. sp? fl. ? tree or
18022 Gesneriac. rosettes on lime
18023 Primula sp? fl. blue, -
18024 Shrub, fl. large white
18025 Gnaphalium sp? fl. white
18026 Composite fl. yellow
18027 Aster sp? fl. deep blue
18028 Aster sp? fl. large "
18029 herb flowers purple alpine
18030 Rhod. sp? shrub 6-8 ft.

of Kulu. eastern Kulu boundary
Zechuan.

- shrub 6-10 ft. forest of Kulu with
spruce 13000 ft.
stone cliffs fl. bluish white
12500 ft.
pine forests dry rocky slopes
12000 ft.
outskirts of forest 12500 ft -
13000 ft.
rocky exposed slopes 13000 ft.
alpine meadows 13000 ft.
" " "
" " "
meadows 12500 ft.
flowers large yellow, spruce
forests 13000 ft.

18031 *Spiraea* sp? shrub 3 ft.

18032 *Primula* sp? fl. dark blue

18033 *Primula* sp? similar &

18034 *Grapholium* sp?

18035 *Meconopsis* sp? flowers deep

18036 Composite, fl. and 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,

tomentose flowers white & cream
- *Rhodod.* shrub 13000 ft.

dry alpine region 13500 ft.

18032. " " "

" " " "

blue alpine meadows 14500 ft.

still 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. Yalung range.
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. deam. " "

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 meadows 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 purplish | 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 12000 ft. |
| 18069 | Sorbus sp.? " " | fl. red " " |
| 18070 | Sorbus sp.? shrub 10 ft. | fl. white " " |

- 18071 *Myrica peruviana*, shrub 6-10 ft. — stream, at Kulu 12000-13000 ft.
- 18072 herb, fl. white on rocks and cliffs — pine forests 11000 ft.
- 18073 *Guaphalia* 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 forests 13000 ft.
- 18077 *Dirca* 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 forests 13000 ft.
- 18080 *Rhodod.* sp? shrub 6-10 ft. fl. large yellow — spruce and fir forests 13000 ft.

18081 *Primula* sp. fl. large

meadow - lavender - in meadow
fir and spruce forest 14000 ft.

18082 Composite fl. yellow

" " " "

18083 *Primula tibetica*?

- alpine meadows 13000 ft.

18084 *Pedicularis* sp. fl. purple

" " "

18085 *Pedicularis* " " "

" " "

18086 *Pedicularis* sp. flowers purple

" " "

18087 *Pedicularis* sp. " "

" " "

18088 *Ranunculus*, herb fl. yellow

" " "

18089 *Rhod.* sp? shrub 10 ft. fl.

white alpine region 14000 ft.
- 14500 ft.

18090 *Rhod.* sp? shrub 5-6 ft. fl.

white " " "

18091 Rhod. sp? tree 10-12 ft.

18092 Rhod. sp? tree 8-10 ft.

18093 Rhod. sp? tree 10-12 ft.

18094 Rhod. sp? shrub 5-6 ft.

18095 Salix sp? shrub 3 ft.

18096 Rhod. sp? tree 10 ft. flowers

18097 Rhod. sp? shrub 6-8 ft.

18098 Morina sp? fl. purple

18099 Pedicularis. fl. yellow,

18100 herb, flowers purplish green

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

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

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

leaves dark brown wooly beneath.

fl. white spotted purple,
Rhod. forest 14500 ft.

alpine region 13800 ft.

large pink spotted purple,
alpine region 14500 ft.

flowers purplish pink
spotted purple. elev. 14500 ft.

alpine meadows 13500 ft.

swampy alpine meadows
12500 ft.

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

— to whitish blue alpine meadows
~~14500~~ 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 Anemone 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 14000 ft.
- 18112 *Cardamine* sp. fl. meadows - lavender along brooks at 14500 ft.
- 18113 *Muscocapsis* sp. fl. deep bluish purple alpine meadows 14500 ft.
- 18114 herb fl. purplish red, alpine meadows 18000 ft.
- 18115 *Rhod.* shrub 1-2 ft. fl. white alpine region 14500 ft.
-
- 18116 *Populus*. tree 80 ft. wide spreading crown, flowers pale yellow, young plain (planted) elev. 9600 ft. Yunnan.
- 18117 collected on Mt. Siga north east of Kulu elev 15000 ft. S.W. Yunnan. Sept. 1929.
Aconitum sp. alpine and grassy slopes 15000 ft. fl. blue.
- 18118 *Aconitum* sp. yellowish hints flowers deep blackish blue same loc.
- 18119 *Rhodiadendron* sp. shrub 10-12 ft. fl. purplish pink. Yeti slopes of Mt. Siga. 14000 ft. seed collect
- 18120 *Primula* sp. flowers purple meadows of Mt. Siga 14000 ft.

18121 *Aconitum* sp? fl. purple.

This species is used and collected
as a medicine. Mt Sipa 18500ft
seeds collect.

18122 *Incarvillea* sp? 3ft tall

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

18123 *Primula* sp? flowers deep

blue almost indigo
alpine meadows 18500ft.

18124 *Primula* sp? flowers white

" " " seeds collect
" " " seeds collect

18125 *Pedicularis* sp? fl. pale purple

" " " seeds collect

18126 *Legum.* plant. fl. yellow

alpine region 18500ft.
seeds collected

18127 Composite fl. purple

" " " seeds coll.

18128 *Primula* sp? fl. yellow.

" " " seeds coll.

18129 *Meconopsis* sp? spiny flowers

deep blue gravelly region seed collected
18500ft

18130 Composite fl. pale purple

to white alpine region 14500ft.
wet gravel seed coll

- 18131 Composite fl. yellow,
 18132 Composite fl. purple,
 18133 Gentianaceae herb fl. pale
 18134 Orophthallos. sp. fl. simple
 18135 Labiate bracts large yellow &
 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. Liza elev 13000 ft seed coll.
 alpine slopes of Mt. Liza seed coll.
 tree 10-15 ft. fl. white.
 Mt Liza alpine slopes 14500 ft. seed coll.
 fl. pink, " " seed coll.
 flowers pale purple
 slopes of Mt Liza 13000 ft. seed coll.

Ut. - Lipa

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
12600-13000 ft. seed coll.

18147 Composite thistle (alpine

regions) (seed coll but
for Berlin only)

18148 Legume. fl. yellowish purple

alpine region Mt. Lipa.
seed coll. but for Berlin only.

18149 Rhod. sp? tree 10-20 ft
(Uniccate)

fl. purple large, ~~white~~ in fruit
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.

18151 *Primula* sp? fl. large mauve

18152 *Rhodod.* sp? shrub 6 ft fl.?

18153 *Rhod.* sp? small tree 10-

18154 *Cotoneaster* sp? prostrate

18155 *Rhod.* sp? compact shrub

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

18157 *Rhod.* sp? shrub 5-6 ft.

18158 *Rhod.* sp? shrub or small

18159 *Rhod.* sp? shrub 5-6 ft.

18160 *Rhod.* sp? shrub 4-6 ft.

Mt Lijia

- mossy fir forest 14500 ft. seed coll.

alpine region 15000 ft. seed coll.
Mt Lijia.

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

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

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

fir forest at 14500 ft. seed coll.
flowers pink

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

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

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

fl. purple among boulders
15000 ft. seed coll.

Int. Liza

- 18161 Rhod. sp? shrub 6-8 ft. alpine region 14800ft. seed coll.
Rhodod. forest.
fl. pink.
- 18162 Rhod. sp? shrub 6-8 ft. fl. pink. seed coll.
- 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 Nts of Kulu south west Androsace sp? fl. pink, Leekman. multi-territory leptog. in meadows 13500ft. seed coll.
- 18167 Berberis sp? shrub 3-4 ft. along streams, seed coll.
- 18168 Rhod. sp? shrub 6-8 ft. fl. white, in spruce forest. seed coll.
- 18169 Rhod. sp? tree 25 ft. tall in fir forest 14500ft. seed coll.
- 18170 Rhod. sp? tree 10 ft. fl. purplish " " 14500ft. seed coll.

- 18171 Rhod. sp. shrub or small tree 15-16 ft. above fir forest fl. white. 15000 ft. seeds coll.
- 18172 Rhod. sp.? shrub 6-8 ft. leaves thick brown compact alpine 15500 ft. fl. white. seeds coll.
- 18173 Rhod. sp. tree 10-15 ft. fl. purple & pink. — fir forest 14500 ft. seeds coll.
- 18174 Rhod. shrub ~~15~~ ^{at small tree} 4 ft. - 5 ft. alpine regions 15000 ft. flowers white. seeds coll.
- 18175 Rhod. sp. shrub 6-8 ft. flowers pink. alpine rep. 15000 ft. seeds coll.
- 18176 Rhod. sp. shrub 6-8 ft. flowers pink " " seeds coll.
- 18177 Rhod. shrub 4-5 ft. flowers pink " " seeds coll.
- 18178 Rhod. sp. shrub 6-8 ft. fl. pink. " " seeds coll.
- 18179 Rhod. sp. shrub 8-10 ft. fl. white " " seeds coll.
- 18180 Rhod. shrub 10 ft. fl. white alpine rep. 15000 ft. seeds coll.

- 18181 Rhod. sp? shrub 2 ft. fl. white alpine region of Kurla 14500-15000 ft. seed coll
- 18182 Rhod. sp? similar to 18180 " " " " seed coll
- 18183 Legum. fl. 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 14500 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. - 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.
- 18192 *Sorbus* sp? flowers pale pink
small tree 10-15 ft.
- 18193 *Gentiana* ac herb. fl. blue,
- 18194 *Parnassia* sp? fl. large white
- 18195 herb, fl. purple. in alpine
- 18196 herb. fl. pale bluish white.
- 18197 *Lilium*, ~~leaf~~ herb. fl. yellow
- 18198 *Primula* sp? flowers yellow
Prim. pseudosikkimensis.
- 18199 *Lepum*. fl. alpine meadows
- 18200 *Rheum alexandri*, fl. cream

fl. white. — fir forest seeds coll.
14500 ft.

fl. white. in spruce forest seeds coll.

alpine meadows 14000 ft seeds coll.

alpine meadows and
fir forests 14000 ft seeds coll.

meadows 14000 ft
seeds for Berlin.

alpine wet place 15500 ft.
seeds for Berlin.

alpine meadows elev 14000 ft
for Berlin. seeds coll.

alpine meadows — wet places.
seeds coll

fl. large yellow 14000 ft.
(for Berlin seeds).

colored. — swampy alpine
meadows 14500 ft. seeds coll

- 18201 *Iris* sp. fl. purplish blue, alpine meadows, of Kulu seed coll.
(wet).
- 18202 Gentian. herb flower 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 seed coll.
— forest. 13500 ft.
- 18204 *Pedicularis* sp. fl. purple, alpine meadows, 13500 ft seed coll.
(for Berlin.)
- 18205 *Delphinium* fl. blue, " " " seed coll.
for Berlin.
- 18206 *Pedicularis* 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 tibetica* fl. blue, calyx crimson meadows 14000 ft
seed coll.

Kulu.

- 18211 *Pedicularis* sp? flowers pink alpine meadows 13500 ft. seed coll
for Berlin.
- 18212 *Pedicularis* sp? fl. yellow, pl. 2 ft. " " " seed coll
- 18213 *Spiraea* sp? shrub 5 ft. fl. white, along streams 12500 ft. seed coll
- 18214 herb fl. red. alpine meadow 7 Kulu 13500 ft. seed for Berlin.
- 18215 herb fl. greenish red. " " forests at 12000 ft. " "
- 18216 *Senecio* sp? fl. yellow alpine meadows 12500 ft.
seed for Berlin.
- 18217 *Senecio* sp " " " " " "
- 18218 *Aster* sp? fl. purple. " " " " seed sent
- 18219 Composite, fl. purplish alpine meadows, 13500 ft.
- 18220 *Rosa* sp? shrub 6-8 ft. fl. white, forest of Kulu 13500 ft. seed coll

Kulu,

- 18221 *Lonicera* sp? fl. yellow
shrub 4-6 ft. Kulu along seeds
streams 13000 ft.
- 18222 *Rhod.* sp? shrub 2 ft. flowers
dark blue, alpine region 13500 ft. 14000 ft. seeds.
- 18223 *Rhod.* sp? shrub 1-2 ft. reddish
purple. " " seeds
- 18224 " sp? shrub 2 ft. fl. blue,
" " seeds
- 18225 *Syringa* sp? shrub or small
tree 15-20 ft. flowers lavender
purple. - spruce forest 13300 ft. seeds
Collected at Karadi.
Sept. 1929.
- 18226 *Rhodod.* sp? shrub or small
tree 10-12 ft. hemlock forest
11500 ft. seeds
- 18227 *Rhod.* sp? shrub or small tree
10-12 ft. fl. large yellow
spruce forest 18500 ft. seeds.
- 18228 *Rhod.* sp? shrub 6-8 ft. leaves
petioles etc rusty brown
spruce forest 18500 seeds.
- 18229 *Hydrangea* sp? tree 15-20 ft.
fl. large cream colored
spruce forest 11500 seeds.
- 18230 *Acer* sp? tree 25 ft. spruce
forest of Karadi 11500 ft.

Karadi, east of Kulu.

- | | | | |
|-------|---|--|--------------|
| 18231 | Hydrangea sp. tree 15 ft.
leaves small, | 11500 ft.
corymb smaller
bracts cream colored | <u>Seeds</u> |
| 18232 | Rosa sp. shrub 6-10 ft. flowers | red. forests of Karadi 11500 ft. | <u>Seeds</u> |
| 18233 | Magnolia climber, 30-40 ft | long fl. red. " " | <u>Seeds</u> |
| 18234 | Rhus tree 15-25 ft. leaves | large chocolate colored
Karadi forests. 11500 ft. | <u>Seeds</u> |
| 18235 | Iris sp. 3 ft. flowers large | bluish purple, sparse
forests of Karadi 11000 ft | <u>Seeds</u> |
| 18236 | Iris sp. fl. purple | " " " | <u>Seeds</u> |
| 18237 | Delphinium sp. flowers hairy | blue-purple.
Kulu forests affine
meadows 14500 ft. | |
| 18238 | Pentstemon sp. fl. yellowish
blue spotted, | Kulu meadows 12800 ft. | |
| 18239 | Pentstemon sp. flowers rich blue | " " " | |
| 18240 | Pentstemon sp. flowers ultra- | marine blue " " | |

Collected in Nuli;

- 18241 *Meconopsis* sp. fl. large
 integripolia
- 18242 *Primula* sp. flowers large
- 18243 *Pedicularis* sp. fl. purple.
- 18244 *Pedicularis* sp. fl. purple.
- 18245 *Lonicera* sp. shrub 1 ft.
- 18246 Composite fl. yellow
- 18247 *Lonicera* sp. fl. small yellow
- 18248 *Anemone* sp. flowers red
- 18249 *Lonicera* shrub 3 ft 4 ft.
- 18250 *Cotoneaster* sp. shrub 5-6 ft.

Sept. 1929.

Mt. Nizyga 14000 ft.,

yellow alpine meadows
 13500 ft. Seeds.

meadow pink in moss-forest
 Nuli mountain
 13500-14000 ft. Seeds.

Nuli ~~of~~ alpine reg.
 13500 ft. Seeds
 to Berlin

dark blue back of Mt. Nizyga Seeds.

flowers large yellow Seeds

alpine meadows 14500 ft. Seeds
 to Berlin

alpine region 14500 ft. Seeds.

" " 14500 ft. Seeds to Berlin

fl. yellow fruit black
 alpine reg. Mt. Nizyga Seeds

fl. white " " Seeds

Mt. Nintzupa -

Muli.

- | | | | |
|-------|---------------------------------|--|----------------|
| 18251 | Ribes sp. shrub 4-5 ft. | alpine region 13500 ft | <u>Seeds</u> . |
| 18252 | Ribes sp. shrub 6 ft. | " " " | <u>Seeds</u> |
| 18253 | Ribes sp. shrub 10 ft. | leaves large, fruits black
- drooping racemes. | <u>Seeds</u> |
| 18254 | Lilium sp. fl. yellow. | Muli forest 13000 ft.
- gravel at 15000 ft. | <u>Seeds</u> . |
| 18255 | Myrsine? tree fl. yellow. | 25-30 ft. Muli mountain
10500 ft | <u>Seeds</u> . |
| 18256 | Prunus sp. (cherry) tree 20 ft. | fl. pink " " " | <u>Seeds</u> . |
| 18257 | Rubus sp. erect 3-4 ft. | fl. white fruits dark
yellow sweet | <u>Seeds</u> |
| 18258 | Meconopsis sp. flowers dark | blue, simple. alpine meadows
of Mt Nintzupa elev 14500 ft | <u>Seeds</u> |
| 18259 | Lindera? Laurac. tree 15-20 ft | fl. yellow - forest at 12500 | <u>Seeds</u> |
| 18260 | Cotoneaster sp. fl. white | shrub 3-5 ft. " " | <u>Seeds</u> . |

18261 Urticac. shrub 6-10 ft. fruits
fibre plant, used

18262 Diapeltis sp? flowers

18263 tree 40 ft. 2-3 ft. - diam.

18264 Primula sp? on dry exposed

18265 Crucifer, alpine plant -
fl. pinkish

18266 Leg. shrub. - a fine
fl. yellow.

18267 Meconopsis sp? flowers

18268 Leptadrumis sp? prostrate

18269 Didissandra sericea dry
fl. blue.

18270 Heptapleurum sp? (244)

M. Mitzupa.

orange along streams
- Muli Muli.
paper making.

Seeds for Seed
Berl.

whitish mallee,
forests near Muli:

Seed.

Muli, Pitang river
for Honolulu

Seed.

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

Seeds

scree 15800 ft.

Seed.

region of Muli 13000 ft. Seeds.

deep blue alpine screes of
Mt. Mitzupa 15000 ft. Seeds

fl. pink, alpine 15000 ft. Seed.

rocky slopes Muli 10000 ft. Seed

climber, " " 10000 ft. Seed.

Collected west of Mt. Mi-

gupa 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 Lili Mt. Pibok seeds

18276 Aconitum sp? climber,

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

18277 Delphinium sp? fl. blue

"

"

seeds

18278 Campanula fl. yellow

"

"

"

" seeds
for Berlin

18279 Crataegus sp? shrub or tree

15 ft. fl. white, at Wialapi
springing.

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 25-30 ft.

18283 Gentiana sp herb, fl. pale blue
young ring

18284 Gentiana sp? fl. bluish

18285 Gentiana sp fl. long blue

18286 Caccapacul. herb. fl. deep

18287 herb fl. white, in gravel

18288 Gnaphalium sp? fl. pink

18289 Aconitum sp? fl. blue

18290 Gentiana sp? fl. deep blue

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

yellow tube of petals purple.
meadow. Sept. 1929

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

" " "

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

at 15000 ft. " "

" " " "

— scree " " "

" " " "

West of Mt. Muzuya Sept 29

18291 Umbellifer, fl. white purple

- gravel west of Mt. Muzuya,
ele 15000 ft Sept 19 29.

18292 Aconitum sp? fl. blue

" " " " "

18293 Composite fl. hds purple.

- meadow " " " 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 Labiate sp? bracts green

fl. large pink - gravel at 15500 ft

18299 Composite fl. heads purple,

along rocks 14500 ft. "

18300 Carydalis sp? fl. pale blue

with purple tips - gravel 14500 ft

18301 *Pentstemon* herb. fl. yellow

in meadows west of Mt. Muzgupa
14500 ft.

18302 *Lacipage* fl. deep yellow,

in meadows among
rocks 14000 ft.

18303 Composite fl. hds. purple.

in meadows 14000 ft.

18304 Composite fl. " "

" " "

18305 Composite " "

" " "

18306 *Laussurea* (fl. purple) rosette

small. in gravel bank Mt. Muzgupa
elev 15500 ft.

18307 *Lacipage* fl. yellow,

in gravelly meadows 14500 ft.

18308 *Pentstemon* herb. fl. blue

" " "

18309 *Rabiate*, fl. purple.

" " "

18310 *Delphinium* sp? fl. blue

in gravel (scree) 15500 ft.

west of Mt. Ku'gpa, 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 Ranunculaceae, in meadows

at 14500 ft.

18316 Delphinium sp. fl. blue

meadows at 14000 ft.

18317 Delphinium sp. fl. blue

" " "

18318 Delphinium 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,

18322 Begonia sp. fl. pink

18323 Campanulac. herb fl. pale

18324 Delphin. sp.? fl. blue

18325 Campanul. herb fl. blue,

18326 herb. fl. white, same locas

18327 Delphin. sp.? fl. blue

18328 Ochot. fl. rich yellow,

18329 Aster sp.? fl. blue.

18330 Begonia sp.? fl. pink,

in alpine meadows 13000 ft
west of Mt. Kusgupa.

on moist banks near
Nunli' lamasery 9500 ft.

blue " " "

" " "

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

18323.

meadows near Nunli' lamasery
9600 ft.

grassy slopes 9500 ft Nunli'

" " 10000 ft "

in shade, at 8000 ft. Nunli'.

Collected on Mt. Fu Chuan, west
富川山 near Burmese border, divide

of Mekong and north west of Weibai
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 & 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 10-15 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 Weibai

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,
-: bamboo growth. fruits large spiny. seeds.
- 18343 Composite sp? flowers purple - wet grassland 14500 ft. seeds.
- 18344 Gentiana sp? fl. blue, alpine meadows 14500 ft.
- 18345 Gentianaceae herb. fl. blue " " "
- 18346 Gentiana sp? fl. blue & yellow " " "
- 18347 Gentianaceae herb. " " "
- 18347a Grass (Agrostis) unicate
- 18348 large tree Oleac? dry slopes of the camp 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 on Fun Chuan

shan.

- 18351 Rhodod. sp? shrub 8-10 ft. flowers blue alpine region, 3000 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 Gentiana 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 Omphalopappus sp? fl. large indigo, alpine meadows 14000 seeds

Coll. Fuchuan Shan.

- 18361 *Meconopsis* sp.? fl. dark blue, alpine meadows 14500 ft. seeds
- 18362 *Omphalogramma* fl. dark blue leaves large. " seeds.
- 18363 *Meconopsis*, fl. blue, in gravel and scree 15000 ft. seeds
- 18364 *Meconopsis* 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 ^{*meurocharis*} *Lilac. N. pardaentia*, 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.

18371 Sorbus sp? shrub 10 ft. fl.

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

18372 Sorbus sp? tree 15-20 ft.

fl. " " 14000 ft. seeds.

18373 Rhod. sp? shrub 4-6 ft. fl.

yellow, " " " seeds.

18374 Primula sp? flowers reddish

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

18375 Rhod. sp? shrub 6-8 ft.

fl. pink " region 14500 ft. seeds.

18376 Rhod. sp? shrub 6-8 ft.

fl. pink " " " seeds.

18377 Rhod. sp? shrub 5-6 ft.

fl. yellow " " " seeds.

18378 Rhod. sp? shrub 6-8 ft.

fl. pale red " " " seeds.

18379 Rhodod. sp? shrub 3-5 ft.

fl. red " " seeds.

18380 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, drab 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 rust red beneath as are

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

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

18392 Primula sp? fl. yellow;

18393 Rhod. sp? shrub 9-10 ft.
Collected on P. Ka shan west of Kueihung

18394 Magnolia sp? tree 40 ft.

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

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

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

18398 Rhod. sp? (17083) which see

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

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

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

alpine meadow, 14500 ft seed.

fl. red. alpine region no seed.
and north of Weihsi. Sept-Oct. 1949.

leaves large flower, white
forest 12500 ft.

fl. yellow. spruce forest 12000 ft seed.

alpine region 12000 ft seed

flowers yellow " " seed

no seed.

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

Between 10000 ft. 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 abt 12000 ft. seed.
- bamboo growth.
- 18405 *Rhod.* sp? shrub (17073) fl. yellow alpine region 18500 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 2-5-7 ft. fl. yellow, abt 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. fl. 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.

18421 Rhod. sp? shrub 2-4 ft.

fl. white. (see no 17068).
alpine 12500 ft. seeds.

18422 Eukianthus sp? tree 10-12 ft.

(see no: 17059) open (near 11000 ft) seeds.

18423 Tree see 17057 Eukianthus sp?

seeds.

18424 Rhod. sp? shrub see 17087
Uniculate

seeds.

18425 Acer sp? see 17071.

seeds.

18426 Eukianthus sp? (see 17064)

seeds

18427 Hydrangea sp? see (17094)

seeds

18428 Legum. tree 50-60 ft.

on banks of Mekong near Weikui.
Sept. - Oct. 1929.

18429 Rhod. sp? see 17040 coll. on

Fuchuan shan

seeds.

18430 Rosa sp? see 17101 collect.

Tapao shan

seeds.

Collected on

Tapo Tapashan

18431 Rosa sp. see no 17103

seed.

18432 Rhod. sp. see no 17128

no seed.

18433 Rhod. sp. see no 17124.

seed.

18434 Rhodod. sp. shrub 6-8 ft.

fl? Tapashan -
spruce forest 11000 ft.
not previously collected.

seed.

18435 Rhod. sp. (see no 17102)

seed.

18436 Rhod. sp. (see no 17106)

seed.

18437 Rhod. sp. (see no 17110)

seed.

18438 Rhod. sp. (see no 17122)

seed.

18439 Rhod. sp. (see no 17120)

seed.

18440 Rhodod. sp. (see 17125)

seed.

18441 Rhod. sp. (see 17121)

seed

18442 Rhod. sp. (17113)

seed

18443 Rhod. sp. (17105).

seed

18444 Rhod. sp. (see no 17116).

seed

18445 Rhod. sp. (see no 17107).

seed

18446 Rhod. sp. (see 17123)

seed

18447 Rhod. sp. (17118)

seed

18448 Rhod. (see 17130)

seed

18449 Rhod. sp. (17127)

seed

18450 Rhod. (~~17109~~ 17109)

seed

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.

18455 Rhod. sp? (see no 17136) —

shrub & fl. alpine meadows of
Ta paoshan 14000 ft.

~~seeds~~
seeds.

Heng ngai 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 woolly beneath.

Heng ngai shan among
spruces near cliffs elev. 12000 ft seeds
previously not collected.

18460 Rhod. sp? (see no 17135)

seeds.

18461 tree (see no 17174).

seeds, 10181

18462 Rhodod. sp? (see no 17171).

seeds.

18463 Rhod. sp? (see no 17169)

seeds

18464 Rhod. sp? (see no 17178).

seeds.

18465 Rhod. sp? (see no 17151)

~~leaves white wooly beneath.~~

seeds

18466 Rhod. sp? (see no 17150)

leaves white wooly beneath

seeds.

18467 Rhod. sp? (see no 17148)

leaves large lanceolate grey wooly
beneath.

seeds.

18468 Rhod. sp? (see no 17146).

seeds

18469 Rhod. sp? (see no 17147)

seeds

18470 Eukianthus sp? tree (see no 17143)

seeds

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 oblong obovate brown to fawn
- colored flocculose beneath.
western slopes of Pitsaphan Salween 14000 ft
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 oblong acute dark dull green
above, dull brown

beneath.

same loc. as 18474
not previously coll.

seeds

18478 Camifer tree 40 ft.
fruits plum like

Rütien below of Pitsaphan.
elev 10500 ft.

seeds

18479 Ponicera sp. shrub 4-5 ft. fl.?

fruits bluish black

Fuchuan shan 18000 ft seeds

Collected in N. West Yunnan in the

mountains of Lüdiu west of the Yangtze. July 1929.

18480 Juniperus sp. 3-4 ft. alpine

region 18000 ft. fruits black.

- 18481 *Juniperus* shrub or tree 7-10 ft. same loc. as no 18480.
- 18482 *Rhados. sp?* shrub 10 ft. fl. yellow? leaves glabrous - spruce forests 12500 ft.
- 18483 *Juniperus sp?* shrub 6-8 ft. same loc. as 18480.
- 18484 *Rhados. sp?* shrub 6-10 ft. leaves pale brown beneath fl.? alpine region 14000 ft.
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- 18485 *Delphinium sp?* fl. blue, - meadow of Paba, 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 greyish brown smooth scales broad, east of Paba near Ngasa
- 18488 *Abies sp?* tree 40-50 ft. snow range elev 12500 cones smooth oblong, forests of Likiang - 15000 ft. ~~not~~ July-Aug. 1929. ✓
- 18489 *Picea sp?* tree 30-40 ft. forests of Paba north of Likiang, eastern slopes Likiang snow range. 11000 ft. seed
- 18490 *Picea sp?* tree 40 ft. " " " " seed.

18491 *Tsuga* sp? tree 50-60ft - 150ft.
snow range, elev 11500ft.

18492 *Abies Forresti* tree 30-50ft

18493 *Abies* sp? tree 30-40ft.
slopes, cones obovate -

18494 *Abies* sp? similar to 18492

18495 *Rhodod.* sp? tree 20ft. leaves
flowers large pink, forests

18496 Leguminous vine, fl. greenish
near limestone cave,
Unicats

18497 *Primula* sp? fl. pale bluish -
cliffs; lime clay ~~near~~ on

18497a *Orchid* Unicats

18498 *Pteris* in company with 18497

18499 Fern same locality as

18500 *Parusasia* sp? flowers white

cones very small, *Abies*
Aug. 1929.

Abies snow range eastern slope
12500ft. elev. Aug. 1929

Abies snow range eastern
oblong scales smooth brown
12000ft.

eastern slopes of *Abies* snow range
13000ft. Aug 1929.

large chocolate colored beneath
of Karadi elev 11200ft east of Kulu.
July 1929

yellow, at Rendjoun elev 10500ft.
between Neeli and Vudjin. *Lychnis*.
July 1929

pink (on drying darker). on limestone
the walls of a cave at Rendjoun same
loc. as 18496.

18497

in fir forest clearing meadow of Agri
13500ft. Mt. Jebel south
of Kulu. July 1929.

Collected in the mountain
north west Yunnan

18501 Acer sp. tree 30-40 ft.

18502 ^{Taxus} ~~Camifer~~ tree 40 ft. fruits red

18503 Begonia sp. fl. pink

18504 Lilium sp. flowers yellow

18505 Composite fl. yellow,

18506 Aconitum japonica,

18507 Saxifrage, fl. yellow

18508 Lipium. (climber) vine fl.

18509 Shrub 7-10 ft.

18510 ~~Primula~~ ^{Primula} sp. fl. dark blue,

of Luidu west of the Yangtze -
August 1929.

fruits small, in forests at
12000 ft.

forests of Luidu elev 12000 ft.
seeds.

on cliffs in shade 9000 ft.

in pine forests 10000 ft.

" " "

" " "

" " " on rocks

blue " " "

forests of Luidu 9000 ft.

meadows, 13000 ft. Luidu

18511 Gentiana herb, fl. dark

18512 Rhodod. sp. shrub 1-2 ft.

18513 Umbellifer, fl. white

18514 Syringa sp. tree 20 ft. fl.

18515 Viburnum sp? shrub 6-8 ft.

18516 orchid sp. fl. pink,

18517 Pedicularis sp. flowers yellow

18518 Lichen, on rocks in alpine

18519 Delphinium sp? in meadow

18520 Rhodod. sp. 6-8 ft. fl.?

stead blue, meadows and forest
outskirts of Lunde 13000 ft.

alpine region of Lunde
13500 ft.

" " " "

lavender in spruce forest of Lunde
13500 ft.

" " " "

in pine forest 11000 ft Lunde.

~~in~~ meadows of Lunde 10500 ft.

region of 14500 ft.

12500 ft Lunde

pink? in spruce forest 13000 ft Lunde.

18521 herb fl. purple, meadows

18522 *Primula Bessiana*?

18523 *Schinus* sp. tree 40-50 ft.

18524 *Acer* sp. tree 25 ft. leaves

18525 *Guaphalium* sp. among

18526 *Picea likiangensis*? tree
cones slender oblong pale
slopes of Likiang snow range

18527 *Abies* sp. tree 30-50 ft. leaves large
obovate-oblong. upper slopes

18528 *Keteleeria* sp. tree 40-50 ft.
when old, dry region Yangtze
18529 ~~missing~~

18530 *Gentiana*

of Likiang 11000 ft.

— swampy meadows 12000 ft.

fl. white fragrant. — pine forest
8000-9500 ft. Likiang.

whitish gray beneath. — in company
with 18523.

rocks Likiang 13500 ft.

50-80 ft. leaves very small plane
brown. Plain of Pala eastern
11200 ft. Nov. 1929.

broader than *Abies* Fir. cones smaller
Likiang snow range 14500 ft.
Berchivata. Nov. 23/1929.

crown spreading
gorges at Toyblo & ~~Yang~~ Upaza
elev 9000-10000 ft. Nov. 1929.

Likiang snow range elev. 12500 ft
Shuma Kolo

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