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#### *About the Institute*

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

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complete corrected  
and checked

## Collections of Jos. F. Rock, China-Tibet border

1932

Plants of Southeast Tibet: Coll. Mt. Kenichunpo, eastern and western slopes; Salwin and Irrawady Divide.

Collector's  
Number

- 21930 *Diplarche multiflora* Hook. f. & Th.  
Plant several inches high, fls. pink, on  
grassy gravelly slopes, elev. 14,000 ft. Sd. coll.  
(As 22243)
- 21931 *Primula Valentiniana* Hand.-Mzt.  
Fls. deep purple, alpine meadows, elev.  
15,000 ft. Sd. coll.
- 21932 *Primula vernicosa* Ward  
Fls. white, 1 in. high, alpine meadows,  
elev. 15,000 ft. Sd. coll.
- 21933 *Lilium Nomocharis saluenensis* Balf.  
Fls. white, plant 3 ft. tall, on grassy  
slopes, elev. 12,000 ft. Sd. coll.
- 21934 *Cassiope palpebrata* W.W.Sm.  
Fls. white, alpine regions, elev. 15,000 ft. Sd. coll.
- 21935 *Cassiope selaginoides* Hook. f. & Thoms.  
Fls. white, alpine regions, elev. 15,000 ft.,  
among scrub on summit ridges. Sd. coll.
- 21936 ~~Braya~~ *Pegaeophytum sinense* (Hemsl.) var. *leiocarpa*  
Fls. pale blue, in mountain brook beds,  
elev. 15,000 ft. Sd. coll.
- 21937 *Fritillaria* Fls. purplish red, in alpine meadows. Sd. coll.
- 21938 *Gentiana*  
Plant fleshy, fls. yellow, in rocks,  
alpine regions, 15,000 ft. (Limestone crags.)
- 21939 Araliaceous herb  
3 ft. tall; fls. pink-lavender, in alpine  
gravelly slopes, elev. 15,500 ft.
- 21940 *Pyrola decorata* Andres  
Fls. yellowish-white, regions of pine  
forests, elev. 10,500 ft. Sd. coll.
- 21941 *Omphalogramma minus* Hand.-Mzt.  
Fls. tubular, purple, on limestone crags,  
alpine regions, elev. 16,000 ft. Sd. coll.
- 21942 Liliac. plant  
3 1/2 ft. tall, fls. white, in spruce  
forest, elev. 12,000 ft.
- 21943 Orchis  
fls. yellowish red. Along banks of Salwin  
River at Champutong, elev. 7,000 ft.

Rock Collections--  
S.E. Tibet, Mt. Kenichunpo, Contd.

21944

Collector's  
Number

- 21944      *Orchis*      Plant 3 1/2 ft., fleshy, fls. red, same locality as #21943 (along banks of the Salwin River at Champutang, elev. 7,000 ft.)
- 21945      *Liliac. plt.*      On grassy slopes, elev. 14,000 ft., fls. reddish-yellow, spotted.
- 21946      *Primula obconica* Hance forma      Fls. pale blue, on the spur of Niserengo, on clayey banks, Salwin Valley, elev. 10,000 ft. Sd.coll.
- 21947      *Disporum*      Shrub or bush, 2-3 ft.; fls. white, in shade of spruce forest, elev. 12,000 ft. Sd.coll.
- 21948      *Orchis*      Fls. yellow, on mountain slopes, elev. 10,000 ft.
- 21949      *Primula septemloba* Franch.      Fls. wine colored; in shade of spruce forest, elev. 12,000 ft.
- 21950      *Arisaema*      Fls. reddish-purple; in spruce forest, elev. 11,000 ft.  
*Walliichuanum* Hook. aff.
- 21951      *Primula serratifolia* Franch.      Fls. yellow, in grassy slope, elev. 13,000 ft. Sd.coll.
- 21952      *Anemone polycarpa* Evans?      In wet alpine meadows, fls. blue (pale); elev. 14,000 ft.
- 21953      *Primula muscarioides* Hemsl.      Fls. blue, alpine meadows, elev. 14,500 ft. Sd.coll.
- 21954      *Berneuxia thibetica*- *glaberrima* Decne      Fls. white in shade of fir forest, elev. 13,000 ft. Sd.coll.
- 21955      *Trillium obovatum* Pursh      Fls. white, grassy slopes, elev. 12,500 ft.
- 21956      *Primula eucyclia* W.W.Sm. et Forrest      Fls. pink, on limestone crags; elev. 15,000 ft. Sd.coll.
- 21957      *Primula Agleniana* Balf. f. et Forrest      Fls. large white, lvs. serrate, pale golden-yellow beneath; alpine region, grassy slopes, elev. 14,000 ft. Sd.coll.  
See No. 21958.
- 21958      *Primula Agleniana* Balf.f. et Forrest      Fls. large pink, otherwise same as #21957--the seeds of this are with #21957.

Coll. No.

- 21959 *Primula calliantha* Franch.  
Fls. purplish-red; lvs. golden-yellow beneath;  
in fir forest, 13,000 ft. Sd.coll.
- 21960 *Clintonia udensis* Trautv. & Mey.  
Fls. blue, in canebrake, 11-12,000 ft.,  
Mt. Kenichunpo Sd.coll.
- 21961 *Omphalogramma Souliei* Franch.  
Fls. large, single, deep purple; alpine  
regions, at foot of crags, 15,000 ft. Sd.coll.
- 21962 *Clintonia udensis* Trautv. & Mey.  
Fls. white; in fir forest, 12,000 ft. Sd.coll.
- 21963  
Plant 2 ft., fls. white; along Salwin,  
grassy slope, elev. 7000 ft.
- 21964 *Androsace*  
Fls. pink; on limestone crags, 14,500 ft. Sd.coll.
- 21965 Herb.  
Fleshy, fls. purple, along banks of Salwin  
at Champutong, 7,000 ft.
- 21966 *Saussurea apus* Max ?  
Fls. purple; alpine meadows, 13,500 ft. Sd.coll.
- 21967 *Cremanthodium thomsonii* Clarke  
Fls. yellow, alpine meadows, 13,500 ft. Sd.coll.
- 21968 ~~Wahlenbergia~~ *Patrinia* or *Valeriana*  
Fls. yellow; on limestone crags, 14,500 ft. Sd.coll.
- 21969 *Chrysanthemum tatsienense* Fr. (*C. jugorum*)  
Fls. yellowish red; alpine meadows, 12,500 ft. Sd.coll.
- 21970 *Aster*, Fls. purple, alpine meadows, 13,500 ft. Sd.coll.  
*alpinus* Linn. (sensu lat.)
- 21971 *Potentilla macrophylla* Don. var. *depressa* Wall.  
Fls. yellow, crags in alpine regions, 14,000' Sd.coll.
- 21972 ~~Composite~~ *Cremanthodium forrestii* Jeffer.  
Fls. yellowish-red, in meadows, 12,000 ft.
- 21973 *Aconitum*  
Climber, fls. purplish-blue; on Berberis  
bushes, 12,000 ft. Sd.coll.
- 21974 ~~Composite~~ *Senecio clivorum* Max. vars.  
Fls. yellow; in water courses, 14,000 ft.
- 21975 *Prenanthes Rockii* Baber.  
Fls. bluish-purple; alpine meadows, 14,000 ft. Sd.coll.

Coll. No.

- 21976 ~~Herb.~~ *Gentiana cyananthiflora* Fr.?  
Fls. blue; alpine meadows, 12,500 ft.
- 21977 *Gentiana* sp.-? *dahurica* Fisch?  
Fls. pale blue; alpine meadows, 12,500 ft.
- 21978 *Saussurea leontodon* Dunn (cf. *centiloba* H. -M)  
Fl. purple; in alpine meadows, 12,000 ft.
- 21979 *Allium bulleyanum* WWSM.  
Fls. wine-colored; alpine meadows of  
Champutong, 12,500 ft.
- 21980 *Allium* sp.?  
Fls. brilliant purple; alpine meadows,  
12,500 ft.
- 21981 ~~Aster~~ *Aster* sp.?  
Fls. purplish; alpine meadows, 12,500 ft.
- 21982 Umbellifer.  
Fls. red; in meadows, at 11,000 ft.
- 21983 *Cremanthodium* ~~hebile~~-(Franch.)-*Bickis*---*helianthus* WWSM.  
Fls. yellow; alpine regions among lime-  
stone crags, 13,500 ft. Sd.coll.
- 21984 ~~Rumex~~ *Oxyria digyna* Hill  
Fls. pale yellow; alpine meadows,  
11,000 ft. Sd.coll.
- 21985 *Oxyria* ~~digyna~~ Hill  
5-6 ft. tall; fls. red; in meadows,  
10,000 ft.
- 21986 *Silene* sp.-? *likiangensis* Sm. Aff.  
Fls. white; along Salwin, 7500 ft.
- 21987 *Thea* sp.-? *sinensis* L.  
Shrub 4-5 ft., fls. white; Salwin River  
banks, 7500 ft.
- 21988 *Primula* sp.-? *yargongensis* Petitm.  
Fls. purplish-blue; in alpine meadows,  
13,000 ft.
- 21989 *Anemone* sp.?  
Fls. purplish-blue; in alpine meadows. (13,000 ft. ?)
- 21990 *Magnolia nitida* W.W.Sm.  
30 ft. tall, fls. yellow, fragrant; Slopes  
of Kenichunpo, 11,000 ft. Sd.coll.

Coll. No.

- 21991 *Magnolia* sp. aff. *M. Gustavii*  
Tree, 50 ft.; fls. white; slopes of  
Mt. Kenichunpo, 11,000 ft. Same  
locality as 21990. Sd.coll.
- 21992 *Davidia involucrata* Baill. var. *Vilmoriniana* (Dode)  
Wanger.  
Tree, 60-70 ft., bracts cream-colored. Sd.coll.
- 21993 *Rhododendron haemaleum*  
Shrub, 2-3 ft.; fls. blackish-red, Keni-  
chunpo, 12,000 ft. Sd.coll.
- 21994 *Rhododendron sperabiloides*  
Shrub 3-4 ft.; fl. red; alpine rocky  
slopes, 12,500-13,000 ft. Sd.coll.
- 21995 *Rhododendron Bainbridgeanum*  
Shrub 4-5 ft.; fls. pinkish red, in fir  
forests, 14,000 ft. Sd.coll.
- 21996 *Viburnum*  
Shrub 5-6 ft.; fls. white, in forests,  
11,000 ft.
- 21997 *Rhododendron saluenense* aff.  
Shrub 2 ft.; fls. wine-colored red,  
alpine regions, 14,000 ft. Sd.coll.
- 21998 *Ribes longeraemosum* Franch.  
Shrub 6-8 ft.; fls. red, in forests of  
fir, 12,500 ft. Sd.coll.
- 21999 *Rhododendron Bainbridgeanum*  
Shrub 5-6 ft.; fl. cream, in fir forest,  
12,500-13,000 ft. Sd.coll.
- 22000 *Rhododendron crinigerum*  
Shrub 6-8 ft.; fls. reddish-purple, in  
fir forest, 12,000 ft. Sd.coll.
- 22001 *Rhododendron pocophorum*  
Shrub 4-5 ft.; fls. bright red, among  
limestone crags, 13,000 ft. Sd.coll.
- 22002 *Rhododendron pocophorum*  
Shrub 6-8 ft.; fls. red; alpine region,  
fir forest and crags. Sd.coll.
- 22003 *Rhododendron eclecticum* var. *brachyandrum*  
Shrub 6-8 ft.; fls. red, in fir forest,  
13,000 ft. Sd.coll.
- 22004 *Rhododendron fulvum*  
Tree 9-10 ft.; fls. pink; in fir forest,  
12,500 ft. Sd.coll.

Coll. No.

- 22005 *Rhododendron eclecticum* var. *brachyandrum*  
Shrub 5-7 ft.; fls. red; alpine regions,  
among rocks, 13,500 ft. Sd.coll.
- 22006 *Rhododendron chastomallum*  
Shrub 5 ft.; fls. blackish carmine, same  
locality as 22005. Sd.coll.
- 22007 *Rhododendron eudoxum*  
Shrub 3 ft.; fls. purplish; rocky, alpine  
region, 13,000 ft. Sd. coll.
- 22008 *Ribes tenue* Jancz.  
Shrub 5-10 ft.; fls. red, in fir forest,  
12,000 ft. Sd.coll.
- 22009 *Acer Forrestii* Diels  
Small tree, 15 ft.; in spruce forests,  
11,000 ft. Sd.coll.
- 22010 *Acer ~~sp?~~ caudatum* Wall.  
Tree 10-15 ft.; in spruce forest,  
11,500-12,000 ft. Sd.coll.
- 22011 *Rhododendron chamaetortum*  
Shrub 4 ft.; fls. pink, lvs. small; rocky  
alpine region, 12,000 ft.
- 22012 *Rhododendron megalalyx*  
Small tree, 6-10 ft.; fls. enormous, white,  
several inches long; lower slopes, 10,000 ft.
- 22013 *Rhododendron Genestierianum*  
Shrub 5-6 ft.; bark red, fls. small, red,  
glaucous outside; same locality as 22012. Sd.coll.
- 22014 *Rhododendron aureum*  
Shrub 3-5 ft.; fls. yellow, lvs. white  
beneath, among crags, 13,500 ft. Sd.coll.
- 22015 *Ilex dubia* (Don) Trel. var. *macropoda* Loes.  
Shrub 8-7 ft. tall; fls. cream-colored,  
in forests. Sd.coll.
- 22016 *Enkianthus deflexus* (Griff.) Schneid.  
Tree 10 ft.; fls. white, in forests at  
10,000 ft. Sd.coll.
- 22017 *Enkianthus deflexus* (Griff.) Schneid.  
Tree 10-15 ft.; fls. cream-colored to  
yellow, in open forests, 10,500 ft. Sd.coll.
- 22018 *Schizandra grandiflora* (Wall.) H.&Th. var. *rubriflora*  
(Rehd & Wils.) Schneid.  
Climber, fls. red; in fir forest, 12,000 ft. Sd.coll.

Coll. No.

- 22019 *Rhododendron bullatum*  
Tree 10 ft.; fls. lge. white; in mossy  
forests, 12,000 ft. Sd.coll.
- 22020 Undetermined, "probably new" -Rehder  
Tree, 70-80 ft. tall, very handsome; fls.  
white; near banks of Salwin at Champutong,  
7,000 ft. Sd.coll.
- 22021 *Rhododendron fictolacteum*  
Tree 8-10 ft.; fls. large white, alpine  
regions, 13,000 ft. Sd.coll.
- 22022 *Lindera*  
Shrub 8 ft.; fls. yellow; in forests at  
10,000 ft.
- 22023 *Rhododendron arizelum*  
Tree 12-15 ft.; fls. large pink, alpine  
forests, 13,500 ft. Sd.coll.
- 22024 *Rhododendron arizelum*  
Tree 10-12 ft.; fls. bright red, purplish  
tinge; alpine regions 13,500 ft. Sd.coll.
- 22025 *Rhododendron arizelum*  
Tree 12-15 ft.; fls. pink, alpine regions,  
13,500 ft. Sd.coll.
- 22026 *Maddenia hypoleuca* Koehne  
Tree 10-12 ft.; fls. yellow; middle slopes  
in forest, 10,000 ft.
- 22027 *Viburnum erubescens* Wall.  
Shrub 6-8 ft., fls. pink; same locality  
as 22026.
- 22028 *Rhododendron dolerum*  
Shrub 5-6 ft.; fls. reddish purple; middle  
slopes, in spruce forest, 12,000 ft. Sd.coll.
- 22029 *Rhododendron metrium*  
Shrub 6-8 ft.; fls. pale yellow; in spruce  
forest, 12,000 ft. Sd.coll.
- 22030 *Rhododendron dasycladum*  
Shrub 5-6 ft.; fls. yellowish red; alpine  
regions, at 12,500 ft. Sd.coll.
- 22031 *Rhododendron Bainbridgea*  
Shrub 6 ft.; fls. pink; among crags in  
alpine region, 13,000 ft. Sd.coll.
- 22032 *Rhododendron dasycladum*  
Shrub 6-8 ft.; fls. pale pink; alpine  
regions, 12,000 ft. Sd.coll.

Coll. No.

- 22033 *Rhododendron selense* forma  
Shrub 6 ft.; fls. large, pale pink; alpine  
regions, 12,500-13,000 ft. Sd.coll.
- 22034 *Rhododendron haemaleum*  
Shrub 4-5 ft.; flowers nearly black; alpine  
regions, 13,000 ft. Sd.coll.
- 22035 *Enkianthus deflexus* (Griff.) Schn.  
Shrub 6-10 ft.; fls. white; spruce forest,  
10,500 ft. Sd.coll.
- 22036 *Leucothoe* aff. *L. Griffithiana* Clarke  
Shrub; leaves large, fls. white; scrub  
forest, elev. 11,500 ft. Sd.coll.
- 22037 *Rhododendron fictolacteum*  
Tree 10-15 ft.; fls. cream-colored;  
alpine region, fir forest, 13,000 ft. Sd.coll.
- 22038 *Rhododendron fictolacteum*  
Tree 10-15 ft.; fl. yellow; alpine  
region, 13,500 ft. Sd.coll.
- 22039 *Rhododendron fictolacteum*  
Trees 6-8 ft.; fls. yellowish red; same  
locality as 22038. Sd.coll.
- 22040 *Rhododendron Beesianum*  
Shrub or small tree 10 ft.; fls. white  
pinkish; 11,500 ft.; Pehalo or Behong on  
Alulaka ridge. Sd.coll.
- 22041 *Rhododendron Beesianum*  
Shrub 6-8 ft.; fls. red; alpine region  
of Pehalo, 12,000 ft. Sd.coll.
- 22042 *Rhododendron niphargum*  
Shrub 8 ft.; fls. pink, lvs. white be-  
neath; Pehalo alpine region, Alulaka,  
12,000 ft. Sd.coll.
- 22043 *Enkianthus deflexus* (Griff.) Schneid.  
Shrub 5-8 ft.; fls. red; mountains of  
Champutong, 11,000 ft. Sd.coll.
- 22044 *Styrax shweliensis* W.W.Sm.  
Tree 10-20 ft.; fls. white; mountains of  
Champutong, 11,000 ft. Sd.coll.
- 22045 *Rhododendron oleifolium*  
Shrub 3-4 ft.; fls. whitish pink; lower  
slopes of Champutong, 9-10,000 ft. Sd.coll.

Coll. No.

- 22046 *Deutzia* sp-? Shrub 6-10 ft.; fls. white, along brooks, 10,000 ft., Champutong.
- 22047 *Magnolia globosa* Hook. f. & Thoms. 20-30 ft., very handsome; fls. white, fragrant; mountains of Champutong, 10,000 ft. Sd.coll.
- 22048 *Sorbus rufopilosa* Schneid. Tree 10-15 ft.; fls. rich red, same locality as 22047, 11,000 ft. Sd.coll.
- 22049 *Rhododendron chaetomallum* forma Shrub 3-5 ft.; fls. reddish yellow, alpine regions of Champutong, 13,000 ft.
- 22050 *Rhododendron repens* var. Shrub 2 ft.; fls. red, alpine regions, mountains of Champutong, 14,500 ft. Sd.coll.
- 22051 *Lonicera Myrtillus* Hook.f. & Th. Prostrate shrub; fls. pink; alpine regions, 13,000 ft. Sd.coll.
- 22052 *Dipentodon sinicus* Dunn Tree 15-30 ft.; fls. cream-colored; slopes above Champutong, 10,000 ft.
- 22053 *Deutzia purpuascens* Rehd. Shrub 10-15 ft.; fls. white; same locality as 22052. Sd.coll.
- 22054 *Deutzia purpuascens* (Franch.) Rehd. Shrub 6-8 ft.; fls. pink purple; same locality as 22052. Sd.coll.
- 22055 *Salix* sp-?- *longiflora* Andr. Tree or shrub 5-15 ft.; lvs. glaucous, ♂; along streams, 12,000 ft.; same locality as 22052.
- 22056 *Rhododendron monanthum* Shrub 2-3 ft.; fls. yellow; alpine regions, Champutong, 13,500 ft. Sd.coll.?
- 22057 *Vaccinium Delavayi* Franch. Shrub 1-2 ft.; fls. pink; slopes above Champutong, 10,000 ft. Sd.coll.
- 22058 *Rhododendron chaetomallum* Shrub 10 ft.; fls. dark red, brilliant carmine; 12,000 ft. (mountains of Champutong). Sd.coll.

Coll. No.

- 22059 *Rhododendron chaetomallum*  
Shrub 8-8 ft.; fls. pink; (mountains  
of Champutong) 12,000 ft. Sd.coll.
- Nos. 22060 to 22089, incl., all listed as from  
Champutong region.
- 22060 *Rhododendron* (*Sanguineum-Neriflorum* Ser.)  
Shrub 3-5 ft.; fls. red, alpine regions,  
12,000 ft.
- 22061 *Ilex micrococca* Maxim.  
Tree 15-20 ft.; fls. cream-colored; middle  
slopes, 10,000 ft. Sd.coll.
- 22062 *Viburnum betulifolium* Batal. var.  
Shrub 5-6 ft.; fls. white; same locality  
as 22061. Sd.coll.
- 22063 *Rhododendron chryseum*  
Shrub 2 ft.; fls. bright yellow;  
alpine regions, 14,000 ft. Sd.coll.
- 22064 *Rhododendron himertum*  
Shrub 4-5 ft.; fls. orange-red; alpine  
regions, 14,000 ft. Sd.coll.
- 22065 *Rhododendron chaetomallum*  
Shrub 5-8 ft.; fls. dark carmine;  
alpine regions, 14,000 ft. Sd.coll.
- 22066 *Rhododendron citriniflorum*  
Shrub 5 ft.; fls. orange-red; alpine  
regions, 14,000 ft. Sd.coll.
- 22067 *Rhododendron chaetomallum*  
Shrub 6-10 ft.; fls. dark crimson;  
alpine regions, 14,000 ft. Sd.coll.
- 22068 *Sorbus Harrowiana* (Balf. & Sm.) Rehd.  
Tree 10-15 ft.; fls. cream-colored;  
middle slopes, 10,000 ft.
- 22069 *Rhododendron repens*  
Prostrate, 6 inches; fls. red, leaves  
small, elliptical; alpine regions on  
rocks, 15,000 ft. Sd.coll.
- 22070 *Rhododendron torquatum*  
Shrub 3-4 ft.; fls. purplish-red; alpine  
region, 14,000 ft. Sd.coll.

Coll. No.Champutong region contd.

- 22071 *Corylus tibetica* Batal.  
Tree 30 ft.; burrs spiny, straw-colored; middle slopes, 10,000 ft. Sd.coll.
- 22072 *Acer* sp.?  
*Davidi* Franch.  
Tree 20 ft.; lvs. large, cordate, fls. ?, fruits small, red.
- 22073 *Abies Forrestii* C.C.Roger  
Tree 80-100 ft.; fruits purplish-black; alpine regions, 13,000 ft.
- 22074 *Spiraea bella* Sims var.?  
Shrub 5 ft.; fls. white to pink; alpine region, 11-12,000 ft.
- 22075 *Malus ombrophila* Hand.-Mazz.  
Tree 10-15 ft.; fls. white; middle slopes, 10,000 ft.
- 22076 *Euonymus theaeifolia* Wall.  
Shrub or tree 10-15 ft.; fls. greenish-white; same locality as 22075.
- 22077 *Cotoneaster buxifolia* Wall. var. *vellaea* Franch.  
Spreading, prostrate shrub; fls. white; lower slopes on rocks, 10,000 ft.
- 22078 *Cotoneaster Franchetii* Bois.  
Shrub 6 ft.; fls. pink; same locality as 22077.
- 22079 *Tsuga yunnanensis* Mzt.  
Tree 80-200 ft.; forming forests; 10-12,000 ft.
- 22080 *Euptelea pleiosperma* Hook. f. & Thoms.  
Tree 30-40 ft.; middle slopes, along streams; 10,000 ft.
- 22081 *Lonicera Henryi* Hemsl.  
Shrub 5-6 ft.; fls. white; same locality as 22080.
- 22082 *Aeschynanthus Peelii* Hook. f. & Thoms.  
Climbing, fls. red; same locality as 22080.
- 22083 *Populus* sp.?  
Tree 10-15 ft., along streams; 10,000 ft.
- 22084 *Prunus pubigera* (Schneid.) Koehne  
Tree 25-30 ft.; fls. white; same locality.

Champutong region contd.

Coll. No.

- 22085 *Ribes Maximowiczii* Batal.  
In mossy forests; 10,000 ft.
- 22086 *Salix* sp.?   
Tree 10-15 ft.; along streams, 11,000 ft.
- 22087 *Salix* sp.? ♂ *myrtilloidea* And.  
Tree or shrub 5 ft.; along streams alt.  
11,000 ft.
- 22088 *Salix wallichiana* And. ♂  
Shrub 3-4 ft.; along streams, 11,000 ft.
- 22089 *Rhododendron campylogynum*  
Shrub 1 ft. or less; fls. red on long  
peduncles; alpine regions, 14,000 ft.

Plants of Southeast Tibet.

Province of Tsarung

Northern slopes of Mt. Kenichunpo, north of Sikitung,  
Upper Salwin River. May - June, 1932.

- 22090 *Rhodo. mekongense*  
Shrub 2-5 ft.; fls. yellow; alpine regions,  
12,000 ft. Sd. coll.
- 22091 *Rhodo. fictolacteum*  
Shrub or tree 10-15 ft.; fls. white,  
alpine region above fir forest, 13,000 ft. Sd. coll.
- 22092 *Rhodo. fulvum*  
Tree 10-12 ft.; fls. pink; same locality. Sd. coll.
- 22093 *Itea yunnanensis* Franch.  
Tree 15 ft.; fls. greenish-white; near  
Salwin River, 7,800 ft.
- 22094 *Rhodo. arizelum*  
Tree - giant - 20-25 ft.; fls. yellowish-  
red; lvs. large; in fir forest, 12,500 ft. Sd. coll.
- 22095 *Rhodo. eritimum*  
Tree 10-15 ft.; fls. purplish-red; above  
fir forest, 13,000 ft. Sd. coll.
- 22096 *Rhodo. niphargum*  
Shrub 6-8 ft.; fls. pink, same locality. Sd. coll.

Coll. No.

- 22097 *Rhodo. fulvum*  
Tree 10-15 ft.; fls. pink; same locality. Sd.coll.
- 22098 *Cotoneaster turbinata* Craib.  
Shrub 5-8 ft.; fls. white; middle slopes,  
11,000 ft.
- 22099 *Salix* sp.?  
Shrub 5-6 ft.; above fir forest, alpine  
regions, 13,000 ft.
- 22100 *Rhodo. eclecteum*  
Tree 6-10 ft.; fls. red; alpine regions,  
13,000 ft. Sd.coll.
- 22101 *Rhodo. lukiangense*  
Shrub 10-12 ft.; fls. pinkish-purple;  
middle slopes, 10,000 ft.
- 22102 *Rhodo. rhaibocarpum*  
Shrub 6-8 ft.; fls. pink; alpine regions,  
13,000 ft. Sd.coll.
- 22103 *Betula albo sinensis* Burk.  
Tree 15-20 ft.; fir forest, alpine  
regions. Sd.coll.
- 22104 *Rhodo. Bainbridgeanum*  
Shrub 6-8 ft.; fls. orange to reddish-  
yellow; alpine regions, 13,000 ft.
- 22105 ~~Herb.~~ *Coriaria terminalis* Hemsl  
Fls. red; on crags and cliffs, alpine  
regions, 12,000 ft. Sd.coll.
- 22106 *Rhodo. arizelum*  
Tree or giant plant, 20-25 ft.; fl. bright  
red; alpine regions, 13,000 ft. Sd.coll.
- 22107 *Rhodo. chaetomallum*  
Shrub 5-6 ft.; fls. carmine; alpine  
regions, 12,000 ft.
- 22108 *Rhodo. arizelum*  
Tree 10-15 ft.; fls. yellow; alpine  
regions, 12,000 ft. Sd.coll.
- 22109 *Rhodo. telopeum*  
Shrub to tree 10-15 ft.; fls. sulphur  
yellow; among cliffs and crags.
- 22110 *Rhodo. arizelum*  
Shrub 6-8 ft.; fls. red, alpine regions,  
13,000 ft. Sd.coll.

## Rock Collections --

S. E. Tibet, Mt. Kenichunpo N. of Sikitung, Contd.

22111

Coll. No.

- 22111 *Rhodo. fulvum*  
Shrub 10-15 ft.; fls. white, in fir  
and spruce forest, 12,000 ft. Sd.coll.
- 22112 *Rhodo. crinigerum*  
Shrub 6-10-15 ft.; fls. white, alpine  
regions, 12,500 ft. Sd.coll.
- 22113 *Betula luminifera* H. Winkl.  
Tree 10-15 ft.; bark black; in forest  
at 11,000 ft.
- 22114 *Acer Wardii* W. W. Sm.  
Tree 10 ft.; fls. red; same locality,  
10,000 ft.
- 22115 *Skimmia arborescens* T. Anders.  
Tree 6-10 ft.; fls. yellow, same locality. Sd.coll.
- 22116 *Symplocos botryanthia* Franch.  
Tree 10-15 ft.; fls. yellow, same locality.
- 22117 *Rhodo. pictolacteum*  
Tree 10 ft.; fls. pink; alpine region,  
open landscape, 12,500 ft. Sd.coll.
- 22118 *Symplocos botryantha* Franch.  
Tree 10-15 ft.; fls. yellow; same  
locality, in forest, 10,000 ft.
- 22119 *Rhodo. Martinianum*  
Shrub 5-6 ft.; fls. pink, lvs. small;  
alpine region, 13,500 ft. Sd.coll.
- 22120 *Rhodo. megeratum*  
Shrub 2-3 ft.; fls. yellow; alpine  
region, 13,000 ft.
- 22121 *Rhodo. floccigerum*  
Shrub 5-6 ft.; fls. yellow; alpine  
regions, 13,500 ft. Sd.coll.
- 22122 *Rhodo. sperabiloides*  
Shrub 4-5 ft.; fls. deep red; alpine  
region. Sd.coll.
- 22123 *Rhodo. Martinianum*  
Shrub 3 ft.; fls. purple; alpine region,  
13,000 ft. Sd.coll.
- 22124 *Erunus latidentata* Koehne var. *trichostoma* (Koehne)  
Schneid.  
Tree 15-20 ft.; fls. white; alpine regions,  
12,500 ft. Sd.coll.

## Rock Collections --

S. E. Tibet, Mt. Kenichunpo N. of Sikitung, Contd.

22125

Coll. No.

- 22125 *Philadelphus Delavayi* L. Henry  
Shrub 6-10 ft.; fls. white; middle  
slopes, in forest, 10,000 ft.
- 22126 *Rhododendron floccigerum*  
Shrub 5-6 ft.; fls. yellowish-red;  
alpine regions, 12,000 ft. Sd.coll.
- 22127 *Evonymus* sp.?  
Shrub 4-6 ft.; fls. green; in forest,  
10,000 ft.
- 22128 *Lonicera* sp.?  
Shrub 6 ft.; fls. yellow, same locality.
- 22129 *Leptodermis nigricans* Winkl.  
Shrub 5-6 ft.; fls. pink; near Salwin,  
7,800 ft.
- 22130 *Acer Campbelli* Hook. f. & Thoms. var. *yunnanense* Rehd.  
Tree 20 ft.; fls. yellow; forests at  
10,500 ft. Sd.coll.
- 22131 *Spiraea* aff. *S. campsophylla* Hand.-Mazz.  
Shrub 6 ft.; fls. white; same locality,  
10,000 ft.
- 22132 *Taiwania cryptomerioides* Havata  
Tree 200 ft.; in forests at 11,000 ft.
- 22133 *Juniperus squamata* Buch.-Ham. var. *Fargesii* (Kom.)  
Rehd. & Wils.  
Tree 120-200 ft.; elev. 11,000 ft.
- 22134 *Abies Delavayi* Franch.  
Tree 80-100 ft.; fir forest, 11,000 ft.
- 22135 *Trachelosperum Bodinieri* (Levl.) Wood. (*T. cathayanum*  
Schneid.)  
Fls. white, fragrant; in forests, 10,000 ft.
- 22136 *Rhodo. desquamatum*  
Tree 15-20 ft.; fls. purple; in spruce  
forest, 11,500 ft.
- 22137 *Rhodo. desquamatum*  
Tree 15 ft.; fls. reddish; same locality.
- 22138 *Rhodo. niveum*  
Tree 6-10 ft., 15 ft., 20 ft.; fls. white;  
in fir forest, 12,000 ft.

## Rock Collections --

S. E. Tibet, Mt. Kenichunpo, N. of Sikitung, Contd.

22139

Coll. No.

- 22139 Rhododendron (Stamineum Series)  
Tree 10-12 ft.; fls. red? pink? early  
flowering; Salwin Valley, 8,000 ft.
- 22140 Herb. Arenaria leucasteria  
Fls. white; on open scree, 13,500 ft.
- 22141 Pedicularis sp.?- verbenaeflora Fr.  
Fls. reddish-purple; alpine meadows,  
11,000 ft.
- 22142 Geranium sp.?- melanandrum Fr.  
Fl. red; alpine meadows, 11,000 ft.
- 22143 Aconitum sp.?  
Fls. purplish-blue; alpine meadows, 11,000 ft.
- 22144 Saxifraga sp.?- cardiophylla Fr.  
Fls. yellow; on rocks, alpine region,  
12,500 ft.
- 22145 Campanula-sp.? Vaccinium fragile Franch.  
Fls. purplish-red; along water courses,  
12,000 ft.
- 22146 ~~Cushion-plants~~ Stellaria decumbens Edgew.  
Fls. white; over boulders, 14,500-15,000 ft.
- 22147 Lobelia sp.?- colorata Wall.  
Fls. blue; swampy meadow, 10,000 ft.
- 22148 Herb. Scrophularia delvayi Fr.  
Fls. yellow; among gravel and scree,  
14,000 ft.
- 22149 Silene sp.? Lychnis nigrescens Edgw. aff.  
Fls. purplish-red; among gravel and rocks,  
13,500 ft.
- 22150 Rhodo. horaeum  
1 ft. or less; fls. yellowish-red; alpine  
regions, among rocks, 13,500 ft.
- 22151 Saxifraga cardiophylla Fr.  
2 ft.; fls. yellow; among rocks, 11,000-  
12,000 ft. Sd. coll.
- 22152 Lilium sp.? (~~Almechensis ?~~)  
Fls. red; alpine meadows, 13,000 ft. Sd. coll.
- 22153 ~~Compositae~~ Senecio taliensis Fr.  
Fls. yellow; same locality.

Coll. No.

- 22154 Senecio Fls. yellow; in water courses, 14,500 ft. Sd.coll.
- 22155 ~~Fern~~ Cryptogramma brunoniana R. Br.  
 On boulders, 14,000 ft.
- 22156 Sedum Sp.? Fleshy, fls. reddish-yellow; on lime-  
 stone crags, 14,000 ft.
- 22157 Hypericum ~~sp.?~~ alopecuroides Choisy  
 Fls. yellow; alpine meadows, 12,000 ft.
- 22158 ~~Geranthodium sp.?~~ Hieracium ?  
 Fls. yellow; alpine meadows, 12,000 ft. Sd.coll.
- 22159 Aster sp.? Fls. purple; alpine meadows, 12,000 ft.

Upper headwaters of Eastern Irrawadi, alpine  
 regions, S. E. Tibet.

- 22160 ~~Aster sp.?~~ Lactuca gombaliana H.-M.  
 Fls. blue; alpine meadows, 14,000 ft.
- 22161 Aconitum ferox Wall.  
 Fls. blue; alpine meadows, 12,500 ft. Sd.coll.
- 22162 ~~Codonopsis sp.?~~ Crawfordia fasciculata  
 Climber, fls. blue; in forests, 10,000 ft.
- 22163 Antheriscus  
 Fls. white; in meadows, 12,000 ft. Sd.coll.
- 22164 Meconopsis impedita Prain  
 Fls. blue; lvs. lobed, spines yellow;  
 alpine crags, upper Irrawadi. Sd.coll.
- 22165 Geranium ~~sp.?~~ donianum Sweet  
 Fls. red; alpine crags, scree slopes;  
 upper Irrawadi.
- 22166 ~~Cremanthodium bulbiferum W. & A. Gr.~~ retusum (Wall.)  
 Fls. yellow; on scree slopes, 15,000 ft. Sd.coll.
- 22167 Pedicularis ~~sp.?~~ elwesii Hk. f.  
 Fls. reddish-purple; in alpine meadows,  
 12,500 ft.
- 22168 Saxifraga  
 Fls. yellow; on crags, 15,000 ft.

## Rock Collections --

S.E. Tibet, Upper headwaters of Eastern Irrawadi, Contd.

18.  
22169Coll. No.

- 22169 Orchid  
Fls. yellow; on banks of Salwin, 7,800 ft.
- 22170 *Primula Dickleana* Watt var. *Pantlingii* (King) W.W.Sm.  
Fls. red to purple; alpine meadows,  
15,000 ft. Sd.coll.
- 22171 *Primula flexilepes* Balf. f. et Forrest  
Fls. yellow; wet, gravelly alpine meadow. Sd.coll.
- 22172 *Rhodo. horaeum*  
Shrub 1 ft. - 1/2 ft.; fls. yellowish-  
red; alpine regions.
- 22173 *Cassiope dendrotriche* Hand.-Mazz.  
Fls. white; on mossy banks among *Rhodo.*  
scrub, 14,000 ft. Sd.coll.
- 22174 Orchid  
Fls. purple; on mossy boulders, 13,000 ft.
- 22175 *Vaccinium modestum* W.W.Sm.  
2-3 inches; fls. red; among boulders,  
14,000 ft. Sd.coll.
- 22176 *Nomocharis* ~~sp.?~~ *Forrestii* Balf.f.  
Fls. white spotted purple; alpine  
meadows, 12,500 ft. Sd.coll.
- 22177 Orchid  
Fls. white; same locality as 22174.
- 22178 *Omphalogramma Souliei* Franch.  
Fls. indigo blue; alpine regions in  
scree. Sd.coll.
- 22179 *Anemone* ~~sp.?~~ *demissa* Hk. f. & Th.  
Fls. white; alpine regions in scree.
- 22180 *Primula dryadifolia* Franch. subsp. *chrysophylla* Balf.f.  
et Forrest  
Fls. pink, lvs. small, golden yellow; on  
cliffs limestone, 15,000 ft. Sd.coll.
- 22181 *Primula dryadifolia* Franch. subsp. *chrysophylla* Balf.f.  
et Forrest  
Fls. pale blue; on cliffs limestone,  
15,000 ft. Sd.coll.
- 22182 *Rhodo. horaeum*  
Shrub 2-3 ft.; fls. yellowish-red;  
alpine regions, 13,500 ft.

Coll. No.

- 22183 Rhodo. didymum  
Prostrate; lvs. small; fls. black; alpine regions, 14,000 ft. Sd.coll.
- 22184 Rhododendron (Glaucum Series)  
Shrub 2-3 ft.; fls. small, yellow; same locality. Sd.coll.
- 22185 Schima Wallichii Choisy  
Tree 40-50 ft.; fls. white; in Salwin Valley, 8000 ft.
- 22186 ~~Conifer~~ Picea ascendens Patschke  
50-60 ft.; in spruce forest, 10,000 ft.
- 22187 Rhodo. chaetomallum  
5 ft. tall; lvs. chocolate color; fls. deep carmine; alpine regions, 14,000 ft. Sd.coll.
- 22188 Rhodo. chaetomallum  
2-3 ft.; fls. deep red; alpine regions, 14,000 ft. Sd.coll.
- 22189 Rhodo. horaeum  
Spreading, prostrate; lvs. linear; fls. yellow; rocky, alpine regions, 15,000 ft. Sd.coll.
- 22190 Rhodo. citriniflorum  
Shrub 3-4 ft.; fls. orange-red; alpine regions, 14,000 ft.
- 22191 Rhodo. horaeum  
Shrub spreading, prostrate, semi-erect; fls. yellow; alpine regions, 14,000 ft. Sd.coll.
- 22192 Rhodo. horaeum  
Shrub, spreading, prostrate; fls. yellowish-red; alpine region, 14,000 ft. Sd.coll.
- 22193 Rhodo. horaeum  
Shrub 2-3 ft.; fls. red; alpine regions, 14,000 ft. Sd.coll.
- 22194 Rhodo. horaeum  
Shrub 3 ft.; fls. yellowish-red; alpine meadows, edge of forest above firs, 14,500 ft. Sd.coll.
- 22195 Rhodo. glaphyrum  
Small shrub 1-2 ft.; fls. red; alpine regions above fir; 14,500 ft.

## Rock Collections --

S.E. Tibet, Upper headwaters of Eastern Irrawadi, Contd.

Coll. No.

22196	<i>Rhododendron horaeum</i> Small shrub 3 ft.; fls. yellowish-red; alpine scrub, 14,500 ft.	Sd.coll.
22197	<i>Rhododendron chaetomallum</i> var. Shrub 4-5 ft.; fls. red; alpine scrub, 14,500 ft.	Sd.coll.
22198	<i>Rhododendron sanguineum</i> Shrub 4 ft.; fls. carmine; alpine scrub, 14,500 ft.	Sd.coll.
22199	<i>Rhododendron chaetomallum</i> Shrub 6-8 ft.; fls. dark purplish-red; alpine regions, 13,000 ft.	Sd.coll.
22200	<i>Sorbus pteridophylla</i> Hand. -Mazz. Tree 10-15 ft., 25 ft.; fls. white; mixed forest, 10,000 ft.	
22201	<i>Rhododendron sanguineum</i> Shrub 2-3 ft.; fls. dark red; alpine regions, 13,000 ft.	Sd.coll.
22202	<i>Rhododendron sanguineum</i> Shrub 1-2 ft.; fls. yellowish-red; alpine regions, 13,000 ft.	Sd.coll.
22203	<i>Rhododendron sanguineum</i> forma Shrub 2 ft.; fls. red; alpine regions, 13,000 ft.	Sd.coll.
22204	<i>Rhododendron sanguineum</i> forma Shrub 1-2 ft.; fls. red, lvs. small, glaucous beneath; alpine regions, 13,500 ft.	Sd.coll.
22205	<i>Rhododendron horaeum</i> 1 ft.; fls. red; alpine regions, 14,500 ft.	Sd.coll.
22206	<i>Rhododendron horaeum</i> forma Shrub 3-4 ft.; fls. red; alpine regions, 14,500 ft.	Sd.coll.
22207	<i>Rhododendron horaeum</i> Shrub 2-3 ft.; fls. deep carmine; alpine regions, 14,000 ft.	Sd.coll.
22208	<i>Rhododendron horaeum</i> Shrub 1-2 ft.; fls. carmine; alpine regions, 14,000 ft.	Sd.coll.

Rock Collections --  
S.E. Tibet, Upper headwaters of Eastern Irrawadi, Contd.

Coll. No.

- |  |   |          |
|--|---|----------|
| 22209  | Rhododendron citriniflorum<br>Shrub 1-2 ft.; fl. pale red; on cliffs,<br>14,000 ft.   |          |
| 22210  | Rhododendron <del>chaetomallum</del> -var. citriniflorum<br>Shrub 3-5 ft.; fl. yellow; alpine regions,<br>14,500 ft.              | Sd.coll. |
| 22211  | Rhododendron chaetomallum var.<br>Shrub 5-6 ft.; fls. red; alpine regions,<br>14,500 ft.  | Sd.coll. |
| 22212  | Rhododendron citriniflorum<br>Shrub 3-5 ft.; fl. yellowish-red; alpine<br>regions, 14,500 ft.                                     | Sd.coll. |
| 22213  | Rhododendron citriniflorum<br>Shrub 2-3 ft.; fls. orange-reddish;<br>alpine regions, 14,500 ft.                                   | Sd.coll. |
| 22214  | Rhododendron micromeres<br>Shrub 5-6 ft.; fl. pale yellow; alpine<br>regions, 14,000 ft.  | Sd.coll. |
| 22215  | Rhododendron citriniflorum<br>Shrub 1-2 ft.; fl. yellow; alpine regions,<br>13,000 ft.  | Sd.coll. |
| 22216  | Rhododendron sinonuttallii<br>Tree 6-8 ft.; fls. immense, individual<br>flower 4 inches long, white; spruce<br>forest, 11,000 ft. | Sd.coll. |
| 22217  | Lindera<br>Shrub 8 ft.; fl. yellow; in forests,<br>11,000 ft.   |          |
| 22218  | Acer Wardii W.W.Sm.<br>Shrub 10 ft.; fl. red; mixed forest,<br>10,000 ft.   |          |
| Forests and alpine regions of the Solo-la,<br>Province of Tsarung. |   |          |
| 22219  | Rhododendron fictolacteum<br>Tree 10-20 ft.; fl. white; above fir<br>forest, 13,500 ft.   | Sd.coll. |
| 22220  | Rhododendron fictolacteum<br>Tree 10-20 ft.; fls. pink; alpine regions,<br>above fir forest, 13,500 ft.                           | Sd.coll. |

Rock Collections --  
S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tsarung, Contd.

22.  
22221

Coll. No.

- |       |  |          |
|-------|--|----------|
| 22221 | Rhododendron Beesianum<br>Tree or shrub 5-8 ft.; fls. white; same<br>locality.                           | Sd.coll. |
| 22222 | Rhododendron eclecticum var. brachyandrum<br>Shrub 6 ft.; fls. pink; same locality.                      | Sd.coll. |
| 22223 | Rhododendron Beesianum<br>Tree 6-10 ft.; fl. white; same locality.                                       | Sd.coll. |
| 22224 | Rhododendron eclecticum<br>Tree or shrub 5-6 ft.; fls. yellow;<br>same locality.                         | Sd.coll. |
| 22225 | Rhododendron dolerum<br>Shrub 6-8 ft.; fls. red; same locality,<br>open alpine region, 14,500 ft.        | Sd.coll. |
| 22226 | Rhododendron sp.?- (Selense-Thomsonii Series)<br>Shrub 5-6 ft.; fls. pale yellow to cream;<br>14,500 ft. | Sd.coll. |
| 22227 | Rhododendron fictolacteum<br>Tree 8-10 ft.; fl. pink; open alpine region,<br>14,500 ft.                  | Sd.coll. |
| 22228 | Rhododendron crinigerum var. euadenium<br>Tree 8-10 ft.; fl. pink; alpine regions,<br>14,000 ft.         | Sd.coll. |
| 22229 | Rhododendron arizelum<br>Tree 8-10 ft.; fl. yellow; alpine regions,<br>14,000 ft.                        | Sd.coll. |
| 22230 | Rhododendron eclecticum<br>Shrub 4-6 ft.; fl. pale yellowish-white;<br>open alpine regions, 13,500 ft.   | Sd.coll. |
| 22231 | Rhododendron fictolacteum<br>Tree 10-15 ft.; fl. pink; alpine regions,<br>13,500 ft.                     | Sd.coll. |
| 22232 | Rhododendron arizelum<br>Tree 10-15 ft.; fl. yellow; alpine<br>regions, 13,500 ft.                       | Sd.coll. |
| 22233 | Rhododendron fictolacteum<br>Tree 8-10 ft.; fl. white; alpine regions,<br>13,500 ft.                     | Sd.coll. |
| 22234 | Rhododendron Beesianum<br>Tree 8-10 ft.; fl. pink; alpine regions,<br>13,500 ft.                         | Sd.coll. |

Rock Collections --  
S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tearung, Contd.

Coll. No.

- |       |  |          |
|-------|--|----------|
| 22235 | <i>Rhododendron citriniflorum</i><br>Shrub 3-4 ft.; fl. orange-red; alpine<br>regions, 13,500 ft.                                  | Sd.coll. |
| 22236 | <i>Rhododendron sanguineum</i> var.<br>Shrub 5 ft.; fl. blackish-red; alpine<br>regions, 13,500 ft.                                | Sd.coll. |
| 22237 | <i>Rhododendron selense</i> forma<br>Shrub 5-6-8 ft.; fl. pink; alpine regions,<br>13,500 ft.                                      | Sd.coll. |
| 22238 | <i>Rhododendron sanguineum</i> var.<br>Shrub 4 ft.; fl. black-carmines.  | Sd.coll. |
| 22239 | <i>Clematis montana</i> Buch.-Haw. var. <i>grandiflora</i><br>Climber; fl. lge., white and purple; in<br>spruce forest; 12,000 ft. | Sd.coll. |
| 22240 | <i>Rosa Davidii</i> Crep. var. <i>elongata</i> Rehd. & Wils.<br>Shrub 6-12 ft.; fl. whitish pink; in<br>spruce forest, 12,000 ft.  | Sd.coll. |
| 22241 | <i>Prunus mugus</i> Hand.-Mazz.<br>Shrub 3-4 ft.; fls. pink; alpine region,<br>among crags, 14,500 ft.                             | Sd.coll. |
| 22242 | <i>Viburnum cordifolium</i> Wall.<br>Shrub 3 ft.; fl. white; alpine regions,<br>14,500 ft.   | Sd.coll. |
| 22243 | <i>Diplarche multiflora</i> Hook. & Thoms.<br>Plant 1 inch; fl. white; alpine regions,<br>14,000 ft.                               | Sd.coll. |
| 22244 | <i>Polygonum forrestii</i> Diels<br>Plant 1 inch; fl. white; wet gravel;<br>15,000 ft.   | Sd.coll. |
| 22245 | <i>Anemone</i> sp. ? <i>obtusiloba</i> Don. aff. ?<br>Fl. blue; alpine meadow, 14,500 ft.  |          |
| 22246 | <del>Anemone</del> sp. ? <i>Adonis brevistyla</i> Fr. aff. ?<br>Fl. white, lvs. large; in spruce forest,<br>13,500 ft.             | Sd.coll. |
| 22247 | <i>Primula prenantha</i> Balf.f. et W.W.Sm.<br>Fl. yellow; alpine regions, 10,000 ft.  | Sd.coll. |
| 22248 | <i>Galium</i><br><del>Herb.</del> - <i>Galiviv-</i><br>Fl. white, on crags and limestone cliffs,<br>10,000 ft.                     |          |

Rock Collections --  
S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tsarung, Contd.

Coll. No.

- 22249 *Astragalus* Fl. yellow; in meadows, 10,000 ft. Sd.coll.
- 22250 *Meconopsis horridula* Hook. f. & Thoms.  
Leaves entire fl. steel blue; in scree,  
alpine regions, 15,000 ft. Sd.coll.
- 22251 *Pedicularis* sp.?- *elwesii* Hk. f.  
Fl. purple; alpine meadows, 12,000 ft. Sd.coll.
- 22252 *Primula sikkimensis* Hook. forma  
Fl. yellow; alpine meadows, 14,000 ft. Sd.coll.
- 22253 *Aquilegia oxysepala* Trautv. & May.  
Fl. blue, large; alpine meadows,  
14,000 ft. Sd.coll.
- 22254 *Iris* sp.? Fl. deep purple-blue; alpine meadows,  
12,500 ft. Sd.coll.
- 22255 *Cypripedium tibeticum* corrugatum Fr.  
Fl. purple striped; alpine meadows,  
12,000 ft.
- 22256 *Anemone* ~~hircensis~~ *demissa* Hk. f. & Th.  
Fl. white; alpine meadow, 12,000 ft. Sd.coll.
- 22257 *Omphalogramma Souliei* Franch.  
Fl. large, deep indigo blue; alpine  
meadows, 13,000 ft. Sd.coll.
- 22258 *Omphalogramma Souliei* Franch.  
Fl. large, indigo-purple, petals fringed;  
alpine meadows, 14,500 ft. Sd.coll.
- 22259 *Diapensia himalaica* Hook. f. et Thoms. var. *acutifolia*  
W.E.Ev. f. *rubella* W.E.Ev.  
Cushion plant; fl. purplish-pink to rose  
red; on boulders alpine region, 16,000 ft. Sd.coll.
- 22260 ~~Ranunculus herb.~~ *Caltha scaposa* Hook. & Thom.  
Fl. yolk-yellow; wet alpine meadows,  
14,500 ft.
- 22261 *Pedicularis* sp.? Fl. purplish-red; alpine meadows, 13,000 ft. Sd.coll.
- 22262 ~~Crassulac.~~ *Sedum yunnanense* Fr.  
Fleshy plant, fl. yellow; on limestone  
crags, 15,000 ft.

## Rock Collections --

25.  
22263S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tsarung, Contd.Coll. No.

- 22263 *Meconopsis integrifolia*  
Fl. yellow; alpine meadows, 15,000 ft. Sd.coll.
- 22264 *Lilium ~~taiense Franch.~~ ducharteri Fr. var. farreri Krause*  
Fl. pink; in alpine meadows, 12,000 ft. Sd.coll.
- 22265 *Cyananthus lobatus Wall.*  
Fl. deep blue; on limestone crags. Sd.coll.
- 22266 *Codonopsis*  
Fl. red; alpine meadows, 12,000 ft. Sd.coll.
- 22267 *Delphinium sp.?*  
Fl. large, blue; upland scree, 14,500 ft.
- 22268 ~~Compositae~~ *Artemisia*  
Fl. yellow; on gravelly soil, alpine  
region; 12,500 ft.
- 22269 *Rhododendron eclecticum*  
Shrub 6-8 ft.; fl. orange-yellow to red;  
alpine regions, 13,500 ft. Sd.coll.
- 22270 *Rhododendron fulvastrum*  
Shrub 3 ft.; fl. orange-red; in moss  
forest, 13,000 ft.
- 22271 *Rhododendron fulvastrum*  
Shrub 3 ft.; fl. yellow; in moss forest,  
13,000 ft. Sd.coll.
- 22272 *Rhododendron fulvastrum*  
Shrub 3 ft.; fl. sulphur-yellow; same  
locality. Sd.coll.
- 22273 ~~Artemisia sp.?~~ *Potentilla purpurea Royle*  
Fl. carmine; in loam, alpine regions,  
12,000 ft. Sd.coll.
- 22274 *Potentilla ~~curviseta Hook. f.~~ ambigua Craib.*  
Fl. yellow; in scree, alpine regions,  
14,000 ft. Sd.coll.
- 22275 *Primula sonchifolia Franch.*  
Fl. blue; in (edge) outskirts of forests,  
12,500 ft. Sd.coll.
- 22276 *Primula minor Balf. f. et Ward*  
Fl. red; on boulders, alpine regions. Sd.coll.

Rock Collections --  
 S.E. Tibet, Forests and alpine regions of the Solo-la,  
 Province of Tsarung, Contd.

22277

Coll. No.

- 22277 *Rhododendron chlanidotum*  
 Shrub 3-4 ft.; lvs. black beneath, fl.  
 golden yellow; alpine regions, 14,500 ft. Sd.coll.
- 22278 *Rhododendron citriniflorum*  
 Shrub 3 ft.; fl. yellow; alpine regions,  
 14,500 ft.
- 22279 *Rhododendron fictolacteum*  
 Tree 10-15 ft.; fl. white; forming forests  
 in open alpine regions, 14,000 ft. Sd.coll.
- 22280 *Acer Campbellii* Hook.f. & Thoms. var. *yunnanense* Rehd.  
 Tree 25-30 ft.; fl. reddish-yellow, in  
 mixed forest, 11,500 ft. See 22608. Sd.coll.
- 22281 *Evonymus theifolia* Wall.  
 Tree, 20 ft.; fl. yellow; in mixed forest,  
 11,500 ft. Sd.coll.
- 22282 *Rhododendron heliolepis*  
 Shrub 6-10 ft.; fl. purple; in mixed  
 forest, 11,500 ft.
- 22283 *Acanthopanax evodiaefolius* Franch. var. *ferrugineus*  
 W.W.Sm.  
 35-40 ft.; along water courses in forests  
 at 11,500 ft. Sd.coll.
- 22284 *Clematis montana* Buch.-Haw. var. *rubens* (Ktze.)  
 Fl. white-pink; climber; along water  
 courses in forests at 11,500 ft. Sd.coll.
- 22285 *Evonymus olivicola* W.W.Sm.  
 Shrub 5-6 ft.; fl. red; along water  
 courses in forests at 11,500 ft.
- 22286 *Sorbus filipes* Hand.-Mazz.  
 Tree 10-12 ft.; fl. red; in forests. Sd.coll.
- 22287 *Viburnum cordifolium* Wall.  
 Shrub 4-6 ft.; fl. white; alpine regions,  
 13,500 ft. Sd.coll.
- 22288 *Rhododendron dasypetalum*  
 Shrub 1-2 ft.; fl. blue; alpine regions,  
 15,000 ft. Sd.coll.
- 22289 *Rhododendron myrtilloides*  
 3-4 inches-1 ft.; fl. blackish-red;  
 among rocks, 15,500 ft. Sd.coll.

Rock Collections --  
S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tsarung, Contd.

Coll. No.

- |       |  |          |
|-------|--|----------|
| 22290 | <i>Rhododendron fulvastrum</i><br>Shrub 2-3 ft.; fl. yellow, pinkish tinge;<br>alpine regions, 14,500 ft.                  | Sd.coll. |
| 22291 | <i>Rhododendron dolerum</i><br>Shrub 6-10 ft.; fl. pink; in fir forest,<br>13,500 ft.                                      | Sd.coll. |
| 22292 | <i>Rhododendron fulvastrum</i><br>Shrub 3-4 ft.; fl. yellow; in fir forest,<br>13,500 ft.                                  | Sd.coll. |
| 22293 | <i>Rhododendron sanguineum</i><br>Shrub 4 ft.; fl. blackish-carmine; al-<br>pine regions, 14,000 ft.                       | Sd.coll. |
| 22294 | <i>Trachylopermum axillare</i> Hook.f.<br>Spreading shrub 5-6 ft.; fl. reddish-<br>yellow; Salwin Saungta, 9000 ft.        |          |
| 22295 | <i>Rhododendron fulvastrum</i><br>Shrub 3-4 ft.; fl. white; alpine region,<br>13,000 ft.                                   | Sd.coll. |
| 22296 | <i>Viburnum cordifolium</i> Wall.<br>Shrub 3-4 ft.; fl. white; alpine region,<br>13,000 ft.                                | Sd.coll. |
| 22297 | <i>Rhododendron saluenense</i><br>Shrub 2-3 ft.; calyx carmine, petals<br>purple; alpine region, 14,500 ft.                | Sd.coll. |
| 22298 | <i>Rhododendron fulvastrum</i><br>Shrub 2-3 ft.; fl. yellow; alpine region,<br>14,500 ft.                                  | Sd.coll. |
| 22299 | <i>Ilex yunnanensis</i> Franch.<br>Shrub 5 ft.; fl. red; fir forest,<br>12,500 ft.   | Sd.coll. |
| 22300 | <i>Juniperus squamata</i> Buch.-Haw.<br>Spreading from base, 4-5 ft. tall;<br>alpine regions, 14,000 ft.                   | Sd.coll. |
| 22301 | <i>Rhododendron floccigerum</i><br>Shrub 4-6 ft.; fl. red; lvs. lanceolate;<br>alpine regions above fir forest, 14,000 ft. | Sd.coll. |
| 22302 | <i>Rhododendron Valentinianum</i> aff.<br>Shrub 3-4 ft.; fl. yellow; 14,000 ft.  | Sd.coll. |
| 22303 | <i>Rhododendron floccigerum</i><br>Shrub 6-7 ft.; fl. reddish, pink; alpine<br>regions above fir forest, 14,000 ft.        | Sd.coll. |

Rock Collections --  
S.E. Tibet, Forests and alpine regions of the Solo-la,  
Province of Tsarung, Contd.

Coll. No.

- 22304 *Rhododendron crinigerum*  
Shrub 6-8 ft.; fl. white, in fir forest,  
13,000 ft. Sd.coll.
- 22305 *Rhododendron clementinae*  
Tree 8-10 ft.; fl. red; alpine regions,  
14,500 ft. Sd.coll.
- 22306 *Rhododendron beesianum*  
Shrub 5-6 ft.; fl. pink; alpine regions,  
14,500 ft. Sd.coll.
- 22307 *Rhododendron fictolactum*  
Shrub-tree, 15 ft.; fl. white; alpine  
regions, 14,500 ft. Sd.coll.
- 22308 *Primula* sp.? *amethystina* Franch. subsp. *brevifolia* Forrest  
Fl. purple; alpine meadow, 13,500 ft.
- Mountains of Tjonatong, Upper Salwin, Province of Tsarung,  
S.E. Tibet. June, 1932.
- 22309 *Nomocharis* sp.? *saluenensis* Balf.  
(Fr. 12426 Fl. purple spotted; open alpine regions. Sd.coll.  
22426?)
- 22310 *Nomocharis* sp.? *saluenensis* Balf.  
(Fr. 12427 Fl. white, spotted; alpine regions, Sd.coll.  
22427?) 13,000 ft.
- 22311 *Nomocharis* sp.? *saluenensis* Balf.  
Fr. 12425 Fl. white, slightly spotted; same Sd.coll.  
22425?) locality.
- 22312 *Anemone* sp.? *demissa* Hook. f. & Th.  
Fl. purple, alpine meadows, 12,000 ft. Sd.coll.
- 22313 *Gentiana phellocalyx* Clarke  
Fl. deep blue; alpine regions, 13,500 ft. Sd.coll.
- 22314 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 12429 Fl. white; alpine meadows, 13,500 ft. Sd.coll.  
22429?)
- 22315 *Meconopsis speciosa* Prain  
(Fr. 22430) Lvs. lobed; fl. large, blue; on scree,  
14,500-15,000 ft. Sd.coll.
- 22316 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 12428 Fl. pink, same locality. Sd.coll.  
22428?)

Coll. No.

- 22317 *Ranuncula*. herb. f.  
Fl. white, in scree, 13,500 ft.
- 22318 *Androsace* sp.?  
Cushion plant, at 15,000 ft.; pink. Sd.coll.
- 22319 *Pedicularis* ~~sp.?~~ *habachanaensis* Bonati  
Fl. purplish-pink; alpine meadows,  
12,500 ft.
- 22320 *Potentilla* ~~Kryloviana-Welf~~ *hypargyrea* H.-M. (*P. euxantha* Evans)  
Fl. yellow; among boulders, alpine  
regions, 14,000 ft. Sd.coll.
- 22321 *Potentilla* ~~stenophylla-(Franch.)-Diels-~~ *microphylla* Don  
Fl. yellow; alpine regions. Sd.coll.
- 22322 *Leontopodium* ~~sp.?~~ *calocephalum* Bvd.  
In clumps, wet meadows, alpine regions.
- 22323 *Eubiatae* *Pedicularis rupicola* Fr.  
Fl. red; alpine meadows, 12,500 ft.
- 22324 *Paraquilegia anemonoides* (Willd.) Uhr.  
Fl. pale lavender, on boulders,  
14,500 ft. Sd.coll.
- 22325 *Habenaria* sp.?  
Alpine meadow, 10,000 ft.
- 22326 *Aster* ~~sp.?~~ *alpinus* Linn sensu lat.  
Fl. purple-blue; alpine meadow, 10,000 ft.
- 22327 *Ranunculus acris* L.  
Fl. yellow; alpine meadow, 10,000 ft.
- 22328 *Meconopsis lyrata* (Cummins, Prain) Fedde  
Fl. pale blue; alpine meadows, 12,500 ft. Sd.coll.
- 22329 Orchidac.  
Fl. purple; grassy banks, 12,000 ft.
- 22330 *Trollius* ~~pumilus-Don-var.-yunnanensis-Franch.~~ *patulus* Ait.  
Fl. large, gold yellow; in wet swampy  
meadows, 12,000 ft. Sd.coll.
- 22331 *Cotoneaster microphylla* Wall.  
Prostrate shrub; fl. white, 12,000 ft.
- 22332 *Rhododendron coryphaeum*  
Tree 10-15 ft.; fl. ?; alpine regions,  
14,000 ft.

Coll. No.

- 22333 *Rosa graciliflora* Rehd. & Wils.  
Fl. red; in fir forest, 12,000 ft.
- 22334 *Rhododendron crassum*  
Fl. white; 6-8 ft.; in fir forest,  
12,000 ft.
- 22335 *Gaultheria fragrantissima* Wall.  
Shrub 1 ft.; among rocks, 14,500 ft. Sd.coll.
- 22336 *Cotoneaster horizontalis* Dcne.  
(Fr. 22432) Shrub 2-3 ft.; fl. red; among boulders,  
14,000 ft. Sd.coll.
- 22337 *Potentilla ~~fruticosa~~ veitchii* Wils  
Fl. white; valley floors, alpine regions,  
13,000 ft.
- 22338 *Gaultheria Veitchiana* Craib.  
(Fr. 22435) Shrub 2-3 ft.; fl. pink; among boulders,  
14,000 ft.
- 22339 *Lonicera mitis* Rehd.  
(Fr. 22438) Fl. yellow; shrub 5-8 ft.; alpine regions,  
14,500 ft. Sd.coll.
- 22340 *Gaultheria pyrolloides* Hook.f. & Th.  
(Fr. 22436) Plant 1 ft.; fl. pink; among rocks,  
alpine regions, 14,500 ft. Sd.coll.
- 22341  
Prostrate shrub; fl. ?; on alpine  
boulders, 14,500 ft.
- 22342 *Lonicera* sp. ?  
(Fr. 22435) Fl. white; shrub edge of forests,  
10,000 ft.
- 22343 *Evonymus tingens* Wall.  
Tree 10-20 ft.; fl. white; forest, east-  
ern valley wall of Salwin, at 10,000 ft. Sd.coll.
- 22344 *Deutzia rubens* Rehd.  
Shrub 4-8 ft.; fl. pinkish-white; same  
locality. Sd.coll.
- 22345 *Rhododendron helirolepis*  
Shrub 5-6 ft.; fl. pink; alpine slopes,  
11,000 ft. Sd.coll.
- 22346 *Sorbus Rehderiana* Koehne var. *cupreo-nitens* Hand.-Mazz.  
(Fr. 22434) Tree 10 ft.; fl. white; alpine regions,  
12,500 ft. Sd.coll.

Coll. No.

- 22347 ~~Baranthac?~~ Aeschyanthus Peelii Hook. f. & Th.  
Fl. red; among boulders along Salwin,  
7000 ft.
- 22348 Rhododendron keleticum  
(Fr. 22431) Shrub 6-10 inches; fl. large, purplish-  
red; alpine regions, 14,500 ft. Sd.coll.
- 22349 Sorbus filipes Hand.-Mazz.  
Tree 10-15 ft.; fl. red; alpine regions.
- 22350 Berberis ~~sp.?~~ diaphana Maxim  
Shrub 3-5 ft.; fl. yellow; alpine regions,  
13,000 ft.
- 22351 Rosa omiensis Rolfe  
Shrub 6-8 ft.; fl. white; in spruce forest,  
12,000 ft.
- 22352 Cremanthodium <sup>hookeri Clarke</sup>  
~~Cyamium~~ ~~menthanum~~ (Franch.)-Diels-  
Fl. yellow; alpine regions, wet meadows,  
14,500 ft. Sd.coll.
- Collected on Mt. Wulila, high mountain east of Salwin and  
north of Alulaka, S.E. Tibet.
- 22353 ~~Gempeisiae~~ Cremanthodium reinforme Benth  
Fl. yellow; on scree, 15,000 ft.
- 22354 Corydalis ~~sp.?~~ calcicola W. W. Sm.  
Fl. blue; on scree, 15,000 ft.
- 22355 Potentilla ~~sp.?~~ Draba oreades Schrenk.  
Fl. yellow; on scree, 15,000 ft.
- 22356 Gentiana ~~sp.?~~ microdonta Fr.  
Fl. white and blue; alpine meadows,  
14,000 ft.
- 22357 Potentilla ~~sp.?~~ Saxifraga prattii Engl. & Irmsch?  
Fl. yellow; on crags, 15,000 ft.
- 22358 Potentilla eriocarpoides Krause  
Fl. yellow; on crags, 15,000 ft. Sd.coll.
- 22359 Herb:- Codonopsis?  
Fl. yellowish-blue; lower slopes of  
Wulila, 9000 ft.

S.E. Tibet, Mt. Wulila, high mountain east of Salwin  
and north of Alulaka, contd.

22360

Coll. No.

- 22360 *Senecio* ~~sp.?~~ *remipes* W.W.Sm.  
Fl. yellow; alpine meadows, 11,000 ft. Sd.coll.
- 22361 *Polygonum* ~~sp.?~~ *macrophyllum* Don  
Fl. purplish-red; alpine meadows,  
13,500 ft.
- 22362 *Aster* sp.?  
Fl. blue; alpine meadows, 13,500 ft. Sd.coll.
- 22363 *Polygonum* ~~sp.?~~ *calostachyum* Diels  
Fl. deep carmine; on boulders,  
14,500 ft. Sd.coll.
- 22364 Liliac. plant  
Fl. red; alpine meadows, 12,000 ft.
- 22365 *Aster* ~~sp.?~~ *alpinus* Linn (sensu lat)  
Fl. blue; alpine meadows, 12,000 ft.
- 22366 *Primula serratifolia* Franch.  
Fl. yellow; swampy alpine meadows,  
14,500 ft. Sd.coll.
- 22367 Labiate- *Pedicularis*  
Fl. yellow; in shade of spruces,  
10,000 ft.
- 22368 *Stellera* ~~changajensis~~ Linn.  
Fl. pale yellow; on dry slopes in pine  
forests, 9000 ft.
- 22369 Herb. *Saxifraga melanocentra* Fr.  
Fl. white; on scree, gravelly slopes,  
15,000 ft. Sd.coll.
- 22370 *Aster* sp.?  
Fl. blue; dry slopes in pine forest,  
9000 ft.
- 22371 *Aconitum* sp.?  
Fl. blackish-blue; alpine meadows,  
12,500 ft. Sd.coll.
- 22372 *Pedicularis* sp.?  
Fl. purple; alpine meadows, 10,000 ft.
- 22373 *Delphinium* sp.?  
Fl. blue; alpine meadows, 13,000 ft. Sd.coll.
- 22374 *Berag.* *Hackelia dielsii* (Brand) Johnst.  
Fl. purplish-red; dry slopes, pine forest,  
9500 ft.

Coll. No.

- 22375 ~~Arenaria~~ *Cerastium alpinum* Linn.  
Fl. white, in scree; alpine slopes,  
14,500 ft. Sd.coll.
- 22376 *Meconopsis impedita* Prain  
Fl. blue-purple; on scree, alpine regions,  
15,000 ft. Sd.coll.
- 22377 *Meconopsis impedita* Prain  
Fl. deep red; on scree, alpine regions,  
15,000 ft. Sd.coll.
- 22378 *Salvia hians*  
Fl. deep blue; alpine meadow, 14,500 ft. Sd.coll.
- 22379 *Meconopsis speciosa* Prain  
Fl. pale blue; scree, 15,000 ft. Sd.coll.
- 22380 ~~Flora~~ *Doronicum thibeticum* Cavill.  
Fl. yellow; alpine meadows, 12,000 ft. Sd.coll.
- 22381 ~~Herb.~~ *Arenaria melandra* Mattf.  
Fl. white; alpine scree, 14,000 ft.
- 22382 ~~Senecioideae~~  
Fl. yellow; alpine meadows, 10,000 ft.
- 22383 ~~Cressulac.~~ ~~Senecio~~ *Sedum aizoon* Linn.  
Fl. yellow; on rocks and boulders;  
14,500 ft.
- 22384 ~~Compositae~~ *Senecio*  
Fl. yellow; in wet gravel, 14,500 ft.
- 22385 *Senecio* sp.?  
Fl. yellow; alpine meadows, 12,500 ft.
- 22386 *Corydalis* sp.?  
Fl. yellow; alpine meadows, 12,500 ft.
- 22387 ~~Herb.~~ *Picrohiza*?  
Fl. ?; on rocks and boulders, 14,500 ft.
- 22388 ~~Compositae~~ *Cirsium*  
Fl. purple; alpine meadows, 12,000 ft.
- 22389 ~~Compositae~~ *Gaussurea obvallata* Wall.  
Fl. purple; among boulders, 13,500 ft. Sd.coll.
- 22390 *Corydalis*  
Fl. blue; alpine regions, 14,000 ft.
- 22391 *Cremanthodium Forrestii* J.F. Jeffrey  
Fl. yellow; alpine regions, 14,000 ft. Sd.coll.

Coll. No.

- 22392 *Cremanthodium rhodocephalum* Diel  
Fl. red; alpine regions.
- 22393 *Saxifraga* sp.-? *nigroglandulosa* Engl. & I rm.  
Fl. yellow; among rocks, 13,500 ft.
- 22394 Herb- *Polygonum pilosum* F. & H.  
Fl. white; alpine meadows, 13,500 ft.
- 22395 *Aconitum* sp.?  
Fl. yellow; alpine meadows, 13,500 ft.
- 22396 *Prunus latidentata* Koehne  
Fl. ?; 3-5 ft.; wild cherries; alpine  
regions, 14,000 ft. Sd.coll.
- 22397 *Vaccinium viburnoides* Rehd. & Wils. (*V. erectrephes*  
W.W.Sm.)  
Shrub 5-6 ft.; fl. ?; alpine regions,  
14,000 ft. Sd.coll.
- 22398 *Pedicularis* sp.-? *rhychodonta* Bur. & Fr.  
Alpine meadows, 13,500 ft. Sd.coll.
- 22399 Compositae  
Fl. yellow; alpine meadows.
- 22400 Compositae *Cremanthodium forrestii* Jebr.  
Fl. yellow; alpine meadows, 13,500 ft.
- 22401 *Delphinium* sp.?  
Fl. blue; alpine meadows, 13,500 ft.
- 22402 *Aconitum* sp.?  
Fl. dull blue; alpine meadows, 13,500 ft.
- 22403 Compositae  
Fl. purple; among boulders, 13,500 ft.;  
fruit spec. see no. 22389.
- 22404 *Senecio* sp.?  
Fl. yellow; alpine meadows.
- 22405 *Primula serratifolia* Franch. probably  
Fl. yellow; wet alpine meadows, 14,000 ft.
- 22406 Herb- *Arenaria Yunnanensis* Franch. aff.  
Fl. white; on scree, 14,500 ft.
- 22407 *Gaultheria sinensis* Anthony  
Small shrub; 6 inches or less; on rocks  
and boulders, 13,500 ft. Sd.coll.

S. E. Tibet, Mt. Wulila, high mountain east of Salwin  
and north of Alulaka, contd.

22408

Coll. No.

- 22408 Primula sp. aff. *P. calliantha* Franch. probably  
Fl. ?; on cliffs and boulders, 13,500 ft. Sd.coll.
- 22409 Aster sp. ~~?~~ *brachytrichus* Fr.  
Fl. blue; alpine meadows, 12,000 ft.
- 22410 Meconopsis *impedita* Prain  
Fl. deep blue; on scree, 14,500 ft. Sd.coll.
- 22411 Meconopsis *speciosa* Prain  
Fl. deep purple; on scree, 14,500 ft.
- 22412 Meconopsis *speciosa* Prain  
Fl. pale blue; on scree, 14,500 ft. Sd.coll.
- 22413 Polygonum *calostachyum* Diels  
Fl. deep red; fruiting specimen #22363.
- 22414 Salvia sp.?  
Fruiting spec., see #22376.
- 22415 ~~Compositae~~ *Cremanthodium*  
Fl. yellow; wet alpine meadows, 13,500 ft.
- 22416 Saxifraga sp.?  
Fruiting spec. #22375.
- 22417 Potentilla sp.?  
Fl. yellow; on boulders, 14,500 ft.
- 22418 ~~Caitha~~-sp. ~~?~~ *Trollius patulus* Ait.  
Fl. yellow; see No. 22330.
- 22419 Meconopsis sp.?  
Fl. pale blue; see spec. No. 22328.
- 22420 Potentilla sp. ~~?~~ *microphylla* Don  
Fl. yellow; Tjonatong alpine meadow,  
14,000 ft.
- 22421 Androsace sp.?  
See fl. specimen No. 22318.
- 22422 Potentilla sp. ~~?~~ *coriandrifolia* Don  
Fl. yellow; same locality as No. 22420.
- 22423 Anemone sp. ~~?~~ *demissa* Hk. f. & Th.  
See No. 22312.
- 22424 *Paraquilegia anemoneoides microphylla*  
See No. 22324.

Coll. No.

The following five numbers are correct as per book; probably  
1 should be 2, in sequence.

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|-------|--|----------|
| 12425 | Nomocharis <del>sp.</del> saluenensis Balf.<br>See No. 22311.                        | Sd.coll. |
| 12426 | Nomocharis <del>sp.</del> saluenensis Balf.<br>See No. 22309.                        | Sd.coll. |
| 12427 | Nomocharis <del>sp.</del> saluenensis Balf.<br>See No. 22310.                        | Sd.coll. |
| 12428 | Meconopsis integrifolia (Maxim.) Fr.<br>See No. 22316.                               | Sd.coll. |
| 12429 | Meconopsis integrifolia (Maxim.) Fr.<br>See No. 22314.                               | Sd.coll. |
| 22430 | Meconopsis speciosa Fr.<br>See No. 22315; root used as medicine.                     | Sd.coll. |
| 22431 | Rhododendron keleticum<br>See 22348.   | Sd.coll. |
| 22432 | Cotoneaster horizontalis Dcne.<br>See 22336.   | Sd.coll. |
| 22433 | Lonicera aff. L. nervosa Maxim.<br>See No. 22342.                                    |          |
| 22434 | Sorbus Rehderiana Koehne<br>See No. 22346.   | Sd.coll. |
| 22435 | Gaultheria fragrantissima Wall. (not Gaultheria<br>See No. 22338. Veitchiana Craib)  |          |
| 22436 | Gaultheria pyroloides Hook.f. & Th.<br>See No. 22340.                                | Sd.coll. |
| 22437 | Rhododendron helirolepis<br>Shrub 5-6 ft.; fl. pink; alpine regions<br>of Tjonatong. | Sd.coll. |
| 22438 | Lonicera mitis Rehd.<br>See No. 22339.   | Sd.coll. |
| 22439 | Rosa omeiensis Rolfe<br>Shrub 5-6 ft.; fl. ?; forests of Tjonatong,<br>10,000 ft.    | Sd.coll. |

Collected in the mountains west of Champutong in the alpine regions 12,000-15,000 ft.; Upper Salwin, October, 1932. Open alpine regions among rocky spurs.

Coll. No.

- 22440 *Rhododendron megacalyx*  
Shrub 6-8 ft.; fl. large, white; 11,000 ft. Sd.coll.
- 22441 *Rhododendron pocophorum*  
Shrub 5-8 ft.; fl. red, 13,500 ft.
- 22442 *Rhododendron chaetomallum*  
Shrub 4-6 ft.; fl. orange-red; 13,500 ft. Sd.coll.
- 22443 *Rhododendron hemidartum*  
Shrub 5-6 ft.; fl. light red; 13,500 ft. Sd.coll.
- 22444 *Rhododendron chaetomallum*  
Shrub 4-5 ft.; fl. blackish red, 13,500 ft. Sd.coll.
- 22445 *Rhododendron eclecteum*  
Shrub 6-7 ft.; fl. purple; 13,500 ft.
- 22446 *Rhododendron setiferum*  
Shrub 5-6 ft.; fl. pink; 13,500 ft. Sd.coll.
- 22447 *Rhododendron eclecteum*  
Shrub 6-8 ft.; fl. red; 13,500 ft.
- 22448 *Rhododendron* sp. (*Neriiflorum* Ser.)  
Shrub 2-3 ft.; fl. red; 14,500 ft. Sd.coll.
- 22449 *Davidia involucrata* Baill. var. *Vilmoriniana* (Dode)  
Wanger.  
In forest, 9000 ft.
- 22450 *Rhododendron* sp. 4- (*Neriiflorum* Ser.)  
Shrub 2-3 ft.; alpine regions, 14,500 ft.;  
fl. almost black.
- 22451 *Viburnum betulifolium* Batal. var.  
Shrub 6-8 ft.; fruits carmine; forests,  
12,000 ft.
- 22452 *Rhododendron haemaleum*  
Shrub 3-4 ft.; fl. blackish-red; alpine,  
14,500 ft.
- 22453 *Rhododendron repens* var. *chamae* - Thomsonii  
Shrub 1-2 ft.; fl. red; alpine, 14,500 ft.
- 22454 *Rhododendron bullatum* ?  
Shrub 5-6-8 ft.; fl. white; in fir and  
spruce forest, 11,500 ft.

## Rock Collections --

S.E. Tibet, mountains west of Champutong, Upper Salwin,  
contd.

Coll. No.

- 22455 *Rhododendron horaeum*  
Shrub 2 ft.; fl. orange-red; 14,500 ft.
- 22456 *Rhododendron pagophilum*  
Shrub 4-6 ft.; fl. red; 14,500 ft.
- 22457 *Magnolia nitida* W.W.Sm.  
40-60 ft., 4 ft. in diameter; fl. yellow;  
in forests, 10,000 ft.
- 22458 *Magnolia* sp. aff. *M. Gustavii* King  
Tree 50-60 ft.; fl. white; in forests,  
10,000 ft.
- 22459 *Rhododendron chaetomallum*  
Shrub 3-4 ft.; fl. red; alpine  
14,500 ft. Sd.coll.
- 22460 *Rhododendron arizelum*  
Tree 10-12 ft.; fl. yellow; alpine  
14,500 ft.
- 22461 *Rhododendron fulvum*  
Tree 10 ft.; fl. pink; in fir forest,  
12,000 ft.
- 22462 *Rhododendron chaetomallum*  
Shrub 4-5 ft.; fl. pink; alpine region,  
14,500 ft. Sd.coll.
- 22463 *Rhododendron arizelum*  
Tree 15-25 ft.; fl. white; alpine  
region, 14,500 ft. Sd.coll.
- 22464 *Rhododendron chaetomallum*  
Shrub 6-7 ft.; fl. dark red; alpine  
region, 14,500 ft. Sd.coll.
- 22465 *Rhododendron haematodes*  
Shrub 6-8 ft.; fl. ?; alpine region. Sd.coll.
- 22466 *Rhododendron chaetomallum*  
Shrub 3-5 ft. fl. ?; alpine region. Sd.coll.
- 22467 *Rhododendron chaetomallum*  
Shrub 4 ft.; fl. carmine; alpine region. ~~Sd.coll.~~
- 22468 *Rhododendron arizelum*  
Tree 10-25 ft.; fl. cream colored;  
alpine region.
- 22469 *Rhododendron arizelum*  
Tree 10-25 ft.; fl. pink; alpine region.

Coll. No.

- 22470 *Rhododendron fictolacteum*  
Tree 10-20 ft.; fl. pink; alpine region,  
Rhododendron forest, 14,500 ft.
- 22471 *Rhododendron arizelum*  
Tree 10-20 ft.; fl. yellow; same location  
as 22470.
- 22472 *Rhododendron arizelum*  
Tree 15-25 ft.; fl. carmine; same loca-  
tion as 22470.
- 22473 *Rhododendron crinigerum*  
Shrub 6-8 ft.; fl. red; same location  
as 22470.
- 22474 ?  
Tree 60-75 ft.; fl. white; forests of  
Upper Salwin, 9000 ft.
- 22475 *Deutzia* sp. aff. *Monbeigii* ?  
Shrub 5-6 ft.; fl. purple; forests of  
Upper Salwin, 10,000 ft.
- 22476 *Pyrola* sp. ~~sp.~~ *rotundifolia* L. var. *tibetana* Andres  
Fl. white; in shade of pine forest,  
9000 ft.
- 22477 *Deutzia* sp. aff. *Monbeigii*  
Shrub 4-5 ft.; lower forests Salwin,  
10,000 ft.
- 22478 *Ilex micrococca* Maxim.  
Tree 25 ft.; fl. yellowish white; lower  
forests Salwin, 9000 ft.
- 22479 *Leucothoe* sp. aff. *L. Griffithiana* Clarke  
Shrub 6-8 ft.; in fir forest, 12,000 ft.
- 22480 *Magnolia globosa* Hook.f. & Thoms.  
Tree 6-10 ft.; fl. white; on spurs, fir  
forest, 12,500 ft. Sd.coll.
- 22481 *Corylus tibetica* Batal.  
20 ft.; in forest, 10,000 ft.
- 22482 *Ilex fragilis* Hook.f. *Kingii* Loes.  
Tree 10-15 ft.; in fir forest, 12,500 ft.
- 22483 *Vaccinium Delavayi* Franch.  
2-3 ft.; among rocks, 10,000 ft.

Coll. No.

- 22484 *Acer taronense* Hand.-Mazz.  
25-30 ft.; mixed forests, 12,000 ft.
- 22485 *Acer caudatum* Wall. var. *Georgii* Diels  
Tree 30 ft.; mixed forests, 12,000 ft.
- 22486 *Sorbus rufopilosa* Schneid.  
Small tree 6-8 ft.; fruits red; alpine  
region, 14,000 ft.
- 22487 *Ribes glaciale* Wall.  
Shrub 4-6 ft.; fruits red; in forests,  
12,000 ft.
- 22488 *Lonicera Myrtilus* Hook. f. & Th.  
Shrub 6 ft.; fruits red; in forests,  
12,000 ft.
- 22489 *Ribes emodense* Rehd.  
Shrub 5 ft.; fruits red; in forests,  
12,000 ft.
- 22490 *Enkianthus deflexus* (Griff.) Schneid.  
Shrub 10 ft.; open country at 10,000 ft.
- 22491 *Enkianthus deflexus* (Griff.) Schneid.  
Tree 15 ft.; open country at 10,000 ft.
- 22492 *Enkianthus deflexus* (Griff.) Schneid.  
Tree 10-12 ft.; open country at 10,000 ft.
- 22493 *Enkianthus deflexus* (Griff.) Schneid.  
Shrub 6-8 ft.; open country at 10,000 ft.
- 22494 *Rhododendron oleifolium*  
Shrub 3-4 ft.; open country in pine  
forest, 9500 ft.
- 22495 *Rhododendron tephropeplum*  
Shrub 5-6 ft.; fl. yellow; in fir forest,  
12,500 ft.
- 22496 *Rhododendron* sp. ? (*Saluenense* Ser.)  
Shrub 2-3 ft.; fl. red; alpine region,  
14,500 ft.
- 22497 *Rhododendron Genesterianum*  
Shrub 6-8 ft.; fl. ?; alpine region,  
14,500 ft.
- 22498 *Rhododendron muliense*  
2-3 ft.; fl. yellow; alpine regions,  
14,500 ft.

Rock Collections --  
S.E. Tibet, mountains west of Champutong, Upper Salwin,  
contd.

Coll. No.

- 22499 *Rhododendron monanthum*  
2-3 ft.; fl. yellow; alpine regions,  
14,500 ft.
- 22500 *Rhododendron repens*  
Shrub prostrate; fl. red; alpine regions,  
14,500 ft.
- 22501 *Rhododendron crinigerum* var. *suadenium*  
Shrub 4-6 ft.; fl. pale yellow; alpine  
regions, 14,500 ft.
- 22502 *Rhododendron Bainbridgeanum*  
4-6 ft.; fl. orange-red; alpine regions,  
14,500 ft.
- 22503 *Rhododendron vestitum*  
4-5 ft.; fl. pale yellow; alpine regions,  
14,500 ft. Sd.coll.
- 22504 *Rhododendron crinigerum*  
6-7 ft.; fl. pink; alpine regions,  
14,500 ft.
- 22505 *Rhododendron* sp.? (Selense - Thomsonii Ser.)  
6-8 ft.; fl. red; alpine regions,  
14,500 ft.
- 22506 *Rhododendron* sp.? (Selense - Thomsonii Ser.)  
Shrub 5-6 ft.; fl. red; alpine regions,  
14,500 ft.
- 22507- *Rhododendron* sp.? (Selense - Thomsonii Ser.)  
Shrub 5-6 ft.; fl. pink; alpine regions,  
14,500 ft.
- 22508 *Rhododendron pagophilum*  
Shrub 5-6 ft.; fl. pink; alpine regions,  
14,500 ft. Sd.coll.
- 22509 *Primula Agleniana* Balf.f. et Forrest In fruit.  
Fl. white - cream to pink; alpine  
meadows, 13,500 ft.
- 22510 *Primula calliantha* Franch. probably In fruit.  
Fl. purple; alpine meadows, 13,500 ft.
- 22511 *Clintonia udensis* T. & M.  
*Liliaceae*-pl.  
In bambu canebrake, 12,500 ft.; fl. white.
- 22512 *Omphalogramma minus* Hand.-Mzt. probably Fr. only.  
Fl. deep blue; alpine meadows, 13,500 ft.

Coll. No.

- 22513 Liliac. plant  
Fl. blue; in shade of canebrake; 12,500 ft.
- 22514 Primula eucyclia W.W.Sm. et Forrest. Fr. only.  
Fl. pink; on cliffs, 13,500 ft.
- 22515 ~~Shrub~~- Berneuxia Glaberrima Decne  
6 inches; fl. white; in shade of spruce,  
12,500 ft.
- 22516 Primula prenantha Balf.f. et W.W.Sm. probably In fruit.  
Fl. yellow; alpine meadows, 12,500 ft.
- 22517 Herb.  
Fl. white; on cliffs and crags, 13,500 ft.
- 22518 ~~Composite~~Lactuca amoena H. -M.  
Fl. blue; alpine meadows, 13,500 ft.
- 22519 ~~Composite~~ Aster alpinus Linn (sensu lat.)  
Fl. purple; alpine meadows, 13,500 ft.
- 22520 ~~Composite~~ Saussurea apus Max.?  
Fl. purple; alpine meadows, 13,500 ft.
- 22521 Fritillaria ~~microphylla-cirrhosa~~ Don  
Fl. deep purplish red; alpine meadows,  
13,500 ft.
- 22522 Androsace sp.?  
Fl. pink; on boulders, 14,500 ft.
- 22523 Potentilla ~~sp.?~~- microphylla Don  
Fl. yellow; on boulders, 14,500 ft.
- 22524 ~~Bryanthus~~-(~~Cassiope sp.?~~) Cassiope palpebrata W. W. Sm.  
Fl. white; on boulders, 14,500 ft.
- 22525 Cassiope selaginoides Hook. f.  
Fl. white; among Rhododendron scrub,  
14,500 ft.
- 22526 Aconitum  
Fl. blue; alpine meadows, 13,000 ft.
- 22527 Omphalogramma minus Hand.-Mzt. probably In fruit.  
Fl. blue; on cliffs and boulders,  
13,500 ft.
- 22528 ~~Rosac~~-? Diplarche multiflora Hook. f. & Th.  
Plant, 6-8 inches; on cliffs and boulders,  
13,500 ft.

Coll. No.

- 22529 Primula *Valentiniana* Hand.-Mzt.  
Fl. red; alpine meadows, 13,500 ft.
- 22530 Composite *Cremanthodium prattii* Hemsl?  
Fl. yellow; swampy alpine meadows,  
12,500 ft.
- 22531 Herb. *Patrinia sibirica* Juss  
Fl. yellow; swampy alpine meadows,  
12,500 ft.
- 22532 Composite-sp.? *Chrysanthemum tatsienense* Fr. (C. jugorm)  
Fl. orange; grassy slopes, 13,500 ft.
- 22533 Primula *muscaroides* Hemsl. probably In fruit.  
Fl. blue; alpine meadows, 12,500 ft.
- 22534 *Lilium* sp.?  
Fl. white; meadows, 12,000 ft.

Collected on the mountains of Alulaka-Bahong, 14,000 ft.,  
Salwin - Doyanlongba Valley, Nisirungo - Alulaka.

- 22535 Primula *obconica* Hance forma  
Fl. pale blue.
- 22536 Rhododendron *Beesianum*  
Tree 10 ft.; fl. white.
- 22537 Rhododendron *niphargum*  
Tree 10-15 ft.; fl. pink.
- 22538 Rhododendron *Beesianum*  
Tree 6-8 ft.; fl. red. Sd.coll.

Collected in the mountains of Sikitung, west of Salwin, northern  
slopes of Mt. Kenichunpo, Province of Tsarung.

- 22539 Primula *dryadifolia* Franch. Subsp. *Chrysophylla* In fruit.  
Fl. pale blue; on boulders, 15,000 ft.
- 22540 P. *Dickieana* Watt var. *Pantlingii* (King) W.W.Sm. In fruit.  
Fl. red; alpine regions, 15,000 ft.
- 22541 *Meconopsis speciosa* Prain  
Fl. blue; on scree, alpine regions,  
15,000 ft. Sd.coll.

Coll. No.

- 22542 *Lilium giganteum*  
Fl. ?; alpine meadows, 12,500 ft. Sd.coll.
- 22543 ~~*Lilium*~~ sp.? - *Nomocharis pardanthina* Fr.  
Fl. pink; alpine meadows, 12,500 ft.
- 22544 *Omphalogramma* sp. aff. *O. minus* Hand.-Mzt. In fruit.  
Fl. deep indigo blue; alpine regions,  
13,500 ft.
- 22545 Composite  
Fl. yellow; alpine meadows, 13,500 ft.
- 22546 Composite  
Fl. yellow; wet alpine meadows,  
13,500 ft.
- 22547 *Primula flexilepes* Balf.f. et Forrest  
Fl. yellow; wet alpine meadows,  
13,500 ft. Sd.coll.
- 22548 *Cremanthodium campanulatum* Diels  
Fl. yellow; wet alpine meadows,  
13,500 ft.
- 22549 *Cassiope* sp.? *dendrotricha* Hand.-Mazz  
Fl. white; on alpine ridges, under  
scrub *Rhododendron*, 13,500 ft.
- 22550 *Saussurea*  
Fl. ?; alpine meadows, 12,500 ft.;  
fruiting only. Sd.coll.
- 22551 *Primula dryadifolia* Franch.  
Fl. red; on boulders, 14,500-15,000 ft.
- 22552 *Betula* sp. See No. 22103  
Tree 15-20 ft.; see No. 22103.
- 22553 *Rhododendron shweliense* aff.  
Shrub 3-5 ft.; fl. yellow; alpine  
regions, 14,500 ft. Sd.coll.
- 22554 *Cotoneaster turbinata* Craib.  
Shrub 5 ft.; fl. white; open scrub country,  
11,000 ft. Sd.coll.
- 22555 *Acer Wardii* W.W.Sm.  
Tree 10-20 ft.; fl. red; mixed forests,  
11,000 ft.
- 22556 *Acer Campbellii* Hook.f. & Thoms. var. *yunnanense* Rehd.  
Tree 20-25 ft.; fl. yellow; mixed forests,  
11,000 ft.

Rock Collections --  
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

Coll. No.

- 22557 *Skimmia arborescens* T. Anders.  
Tree 6-10 ft. tall; mixed forests,  
11,000 ft.
- 22558 *Prunus* sp.-? -  
Tree 10-15 ft.; fl. white; mixed forests,  
11,000 ft. Sd.coll.
- 22559 *Vaccinium modestum* W.W.Sm.  
2-3 inches; fl. red; fr. blue, glaucous;  
alpine regions, among rocks.
- 22560 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 4 ft.; fl. orange-red; alpine regions,  
14,500 ft. Sd.coll.
- 22561 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 2-3 ft.; fl. carmine; alpine regions,  
14,500 ft.
- 22562 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 1-2 ft.; fl. yellow; alpine regions,  
14,500 ft.
- 22563 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 2-3 ft.; fl. red; alpine regions,  
14,500 ft.
- 22564 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 3-4 ft.; fl. carmine; alpine  
regions, 14,500 ft.
- 22565 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 3-5 ft.; fl. yellow; alpine  
regions, 14,500 ft.
- 22566 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 3-5 ft.; fl. reddish-yellow; alpine  
regions, 14,500 ft.
- 22567 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 4-6 ft.; fl. yellow; alpine  
regions, 14,500 ft.
- 22568 *Rhododendron* sp.-?- (Sanguineum-Neriflorum Series)  
Shrub 2-3 ft.; fl. red; alpine regions,  
14,500 ft.
- 22569 *Rhododendron chaetomallum* form  
Shrub 3-5 ft.; fl. red; alpine regions,  
14,500 ft. Sd.coll.
- 22570 *Rhododendron chaetomallum* var.  
Shrub 4-5 ft.; fl. orange-red; alpine  
regions, 14,500 ft.

Rock Collections --  
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

Coll. No.

22571	Rhododendron chaetomallum Shrub 4-5 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22572	Rhododendron chaetomallum Shrub 4 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22573	Rhododendron chaetomallum Shrub 4-6 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22574	Rhododendron chaetomallum Shrub 3-4 ft.; fl. orange-red; alpine regions, 14,500 ft.	
22575	Rhododendron chaetomallum Shrub 3 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22576	Rhododendron sp. (Sanguineum-Merriiflorum Ser.) Shrub 4-6 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22577	Rhododendron horaeum Shrub 1-2 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22578	Rhododendron sp.-- (Sanguineum-Merriiflorum Ser.) Shrub 2 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22579	Rhododendron sp.-- (Sanguineum-Merriiflorum Ser.) Shrub 1-2 ft.; fl. red; alpine regions, 14,500 ft.	Sd.coll.
22580	Rhododendron sp.2 (Sanguineum Ser.) Shrub 2-3 ft.; fl. orange-red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.	
22581	Rhododendron sp.4 (Sanguineum Ser.) Shrub 2-3 ft.; fl. red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.	Sd.coll.
22582	Rhododendron sanguineum Shrub 3 ft.; fl. red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.	Sd.coll.
22583	Rhododendron sp.4 (Sanguineum Ser.) Shrub 1 ft.; fl. red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.	Sd.coll.

Coll. No.

- 22584 *Rhododendron* sp. 4- (Sanguineum Ser.)  
Shrub 2-3 ft.; fl. yellow; alpine ridges  
and spurs, *Rhododendron* scrub, 14,500 ft.
- 22585 *Rhododendron* sp. 4- (Trichocladum Ser.)  
Shrub 3 ft.; fl. greenish or yellow; alpine  
ridges and spurs, *Rhododendron* scrub,  
14,500 ft.
- 22586 *Rhododendron micromeres*  
Shrub 4-6 ft.; fl. yellow, small; in  
spruce forest, 11,000 ft. Sd.coll.
- 22586A *Rhododendron floccigerum*
- 22587 *Rhododendron* sp. 4--  
Shrub 5-6 ft.; fl. orange-red; in spruce  
forest, 11,000 ft.
- 22588 *Rhododendron crinigerum* var. *euadenum*  
Shrub 6-10 ft.; fl. pink; in spruce  
forest, 11,000 ft.
- 22589 *Rhododendron floccigerum*  
Shrub 6-8 ft.; fl. orange-red; in spruce  
forest, 11,000 ft.
- 22590 *Rhododendron Martinianum*  
Shrub 3-4 ft.; fl. purple; alpine  
regions, 13,500 ft.
- 22591 *Rhododendron Martinianum*  
Shrub 2-3 ft.; fl. pink; open ridges,  
12,000 ft. Sd.coll.
- 22592 *Rhododendron eclecticum*  
Shrub 4-6 ft.; fl. pink; open ridges,  
12,000 ft.
- 22593 *Rhododendron heptamerum*  
Shrub 6-10 ft.; fl. purple; in spruce  
forests.
- 22594 *Rhododendron eclecticum*  
Shrub 8-10 ft.; fl. red; in spruce  
forests. Sd.coll.
- 22595 *Rhododendron citriniflorum*  
Shrub 3-4 ft.; fl. orange-red; alpine  
regions, 13,500 ft.
- 22596 *Rhododendron fulvum*  
Tree 10-15 ft.; fl. pink; spruce forest,  
12,000 ft.

Rock Collections --  
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

22597

Coll. No.

- 22597 *Rhododendron arizelum*  
Tree 20-25 ft.; fl. orange-red; alpine  
Rhododendron forests, 14,500 ft.
- 22598 *Rhododendron megacalyx*  
Tree 10-15 ft.; fl. pure white; alpine  
Rhododendron forest, 14,500 ft. Sd.coll.
- 22599 *Rhododendron fulvum*  
Tree 10-12 ft.; fl. white; above fir  
forest, 12,500 ft.
- 22600 *Rhododendron arizelum*  
Tree 15-20 ft.; fl. pink; above fir  
forest, open country, 13,500 ft.
- 22601 *Rhododendron arizelum*  
Shrub 6-10 ft.; fl. red; above fir forest,  
open country, 13,500 ft.
- 22602 *Rhododendron arizelum*  
Tree 10-15 ft.; fl. carmine; above fir  
forest, open country, 13,500 ft.
- 22603 *Rhododendron fulvum*  
Tree 10-15 ft.; fl. pink; above fir forest,  
open country, 13,500 ft.
- 22604 *Rhododendron arizelum*  
Tree 12-15 ft.; fl. pink; above fir forest,  
open country, 13,500 ft.
- 22605 *Rhododendron fictolacteam*  
Shrub 10-12 ft.; fl. yellow; above fir  
forest, open country, 13,500 ft.
- 22606 *Rhododendron dasycladum*  
Shrub 6-8 ft.; fl. pink; above fir forest,  
open country, 13,500 ft. Sd.coll.
- 22607 *Magnolia officinalis* Rehd. & Wils.  
Tree 40-50 ft.; fl. ?; lvs. immense;  
in mixed forest, 11,000-11,500 ft. Sd.coll.
- Collected -- Mountains of S.E. Tibet, Solo-la Range, Tsarong,  
October, 1932.
- 22608 *Acer Campbellii* Hookf. et Thoms. var. *yunnanense* Rehd.  
Tree 25-30 ft.; fl. reddish-yellow; see No.  
22280.
- 22609 *Rhododendron fictolacteam*  
Tree 10-15 ft.; fl. pink; alpine regions,  
14,500 ft.

Rock Collections --  
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

Coll. No.

- 22610 Rhododendron Beesianum  
Shrub 6-10 ft.; fl. red; alpine regions,  
13,500 ft.
- 22611 Rhododendron arizelum  
Tree 10-15 ft.; fl. yellow; alpine  
regions, 13,500 ft.
- 22612 Rhododendron Saluenense  
Shrub 2-3 ft.; fl. red; alpine regions,  
14,500 ft.
- 22613 Evonymus theifolia Wall.  
Shrub 4 ft.; fruits red; in forests at  
11,000 ft.
- 22614 Rhododendron Beesianum  
Tree 10-15 ft.; fl. white; alpine regions,  
13,000 ft.
- 22615 Juniperus squamata Buch.-Ham.  
Tree 6-8 ft.; alpine regions, 13,000 ft.
- 22616 Rhododendron Beesianum  
Tree 6-10 ft.; fl. pink; alpine regions,  
13,000 ft.
- 22617 Rhododendron fictolacteam  
Shrub 10 ft.; fl. yellow; alpine regions,  
13,000 ft.
- 22618 Rhododendron Beesianum  
Shrub 6-8 ft.; fl. white; alpine regions,  
13,000 ft.
- 22619 Rhododendron fictolacteam  
Tree 15-20 ft.; fl. white; alpine regions,  
13,000 ft.
- 22620 Rhododendron Clementinae  
Shrub 10-12 ft.; 15 ft.; fl. red to purple,  
alpine regions, 14,500 ft.
- 22621 Rhododendron fictolacteam  
Shrub 8-10 ft.; fl. white; alpine regions,  
14,500 ft.
- 22622 Rhododendron crinigerum  
Shrub 8-10 ft.; fl. white; alpine regions,  
14,500 ft.
- 22623 Rhododendron fictolacteam  
Shrub 6-8 ft.; fl. pink; alpine regions,  
14,500 ft.

Coll. No.

- 22624 *Rhododendron crinigerum* var. *euadenium*  
Shrub 10-12 ft.; fl. pink; alpine  
regions, 14,500 ft.
- 22625 *Rhododendron fictolacteum*  
Shrub 6-8 ft.; fl. white; alpine regions,  
14,500 ft.
- 22626 *Rhododendron selense*  
Shrub 4-6 ft.; fl. pink; fir forest,  
13,000 ft. Sd.coll.
- 22627 *Rhododendron fictolacteum*  
Shrub 10-15 ft.; fl. white; above fir  
forest, 13,500 ft.
- 22628 *Rhododendron* sp. 2. (*Selense-Thomsonii* Ser.)  
Shrub 4-6 ft.; fl. red; above fir forest,  
13,500 ft.
- 22629 *Rhododendron myrtilloides*  
Shrub 1/2 ft.; fl. blackish-purple to  
red; among boulders, 15,000 ft.
- 22630 *Rubus flosculosus* Focke  
Fruits yellow; in larch and fir forest,  
12,500 ft. Sd.coll.
- 22631 *Cotoneaster* sp. 4-  
Shrub 4 ft.; alpine regions on boulders,  
13,500 ft. Sd.coll.
- 22632 *Rhododendron* sp. 2 (Laponnicum Series)  
Shrub 2-3 ft.; fl. blue; alpine regions  
among rocks, 13,500-14,000 ft.
- 22633 *Rosa Davidii* Crep. var. *elongata* Rehd. & Wils.  
Shrub 6-10 ft.; fl. pink; forests of  
spruce, 11,000 ft.
- 22634 *Rhododendron oleifolium*  
Shrub 6-8 ft.; fl. ?; forests of spruce,  
11,000 ft. Sd.coll.
- 22635 *Rhododendron floccigerum*  
Shrub 5-6 ft.; fl. red; forests of  
spruce, 11,000 ft.
- 22636 *Rhododendron floccigerum*  
Shrub 5-6 ft.; fl. red; forests of  
spruce, 11,000 ft.
- 22637 *Rhododendron* sp. ? (*Sanguineum* Ser.)  
Shrub 2-3 ft.; fl. blackish-red; alpine  
regions, 14,500 ft. Sd.coll.

Rock Collections --  
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

51.  
22638

Coll. No.

- 22638 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 3-4 ft.; fl. black-carmine; alpine  
regions, 14,500 ft. Sd.coll.
- 22639 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 3 ft.; fl. black carmine; alpine  
regions, 14,500 ft.
- 22640 Rhododendron rhaibocarpum  
Shrub 4-6 ft.; fl. pink; above fir  
forest, 13,500 ft.
- 22641 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2 ft.; fl. orange-red; above fir  
forest, 13,500 ft.
- 22642 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2-3 ft.; fl. yellow; above fir  
forest, 13,500 ft.
- 22643 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 3-4 ft.; fl. white; above fir  
forest, 13,500 ft.
- 22644 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2-4 ft.; fl. yellow; above fir  
forest, 13,500 ft. Sd.coll.
- 22645 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2 ft.; fl. orange-reddish; above  
fir forest, 13,500 ft.
- 22646 Rhododendron sp.? (Sanguineum Ser.)  
Shrub 3 ft.; fl. yellow; above fir  
forest, 13,500 ft.
- 22647 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2-3 ft.; fl. yellow; above fir  
forest, 13,500 ft.
- 22648 Rhododendron sp.?- (Sanguineum Ser.)  
Shrub 2 ft.; fl. yellow; above fir  
forest, 13,500 ft.
- 22649 Rhododendron eritimum  
Shrub 5-6 ft.; fl. ?; alpine regions,  
13,000 ft. Sd.coll.
- 22650 Viburnum sp. cordifolium Wall.  
Shrub 3-4 ft.; fl. white; alpine  
regions, 13,000 ft.

Rock Collections --  
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

Coll. No.

- 22651 *Ilex yunnanensis* Franch.  
Shrub 5-6 ft.; fl. red; alpine regions,  
13,000 ft.
- 22652 *Acanthopanax evodiaefolius* Franch.  
Shrub; fl. yellow; forest, 9000 ft.
- 22653 *Gaultheria pyroloides* Hook.f. & Thoms.  
Shrub 1 ft.; fruits red; among rocks,  
12,000 ft. Sd.coll.
- 22654 *Sorbus filipes* Hand.-Mazz.  
Tree 6-10 ft.; fl. red; forest,  
12,000 ft.
- 22655 *Clematis* sp.?  
Fl. pinkish; climber in forest,  
11,000 ft.
- 22656 *Torreya Fargesii* Franch.  
Shrub small tree 10-15 ft.; open scrub-  
forestland, 10,000 ft. Sd.coll.
- 22657 *Rhododendron* sp.? (*Barbatum* Ser.)  
Tree 8-12 ft.; fl. ?, fruiting only;  
fir forest, 12,000 ft. Sd.coll.
- 22658 *Deutzia* ? *rubens* Rehd.  
Shrub 4-6 ft.; fl. pink; forests,  
11,000 ft.
- 22659 *Rhododendron* *Valentinianum* aff.  
Shrub 2-3 ft.; fl. yellow; alpine  
regions, 13,500 ft.
- 22660 *Rhododendron* *arizelum*  
Shrub 6-8 ft.; fl. pink; alpine regions,  
13,500 ft.
- 22661 *Rhododendron* *eclecteum*  
Shrub 5-6 ft.; fl. yellow-red; alpine  
regions, 13,500 ft.
- 22662 *Rhododendron* sp.?-  
Shrub 4 ft.; fl. pale yellow; alpine  
regions, 13,500 ft.
- 22663 *Rhododendron* *eclecteum*  
Shrub 6-8 ft.; fl. yellow; alpine regions,  
13,500 ft.
- 22664 *Rhododendron* *eclecteum*  
Shrub 3-4 ft.; fl. yellowish-red; alpine  
regions, 13,500 ft.



Coll. No.

- 22679 *Meconopsis horridula* Hook.f. & Thoms.  
Fl. blue; in alpine scree, 15,000 ft. Sd.coll.
- 22680 Herb.  
Fl. red; in alpine scree, 14,500 ft.
- 22681 Ericac. Phyllodace  
Plant, fl. white; among rocks and  
boulders, 14,500 ft.
- 22682 *Iris* sp.?  
Fl. blue-purple; alpine meadows,  
13,000 ft.
- 22683 *Diapensia himalaica* Hook.f. et Thoms. var. *acutifolia*  
(H.-M.) W.E.Evans fa. *rubella* W.E.Ev.  
Fl. red; on boulders, alpine regions,  
15,500 ft.
- 22684 *Diapensia himalaica* Hook.f. et Thoms. var. *acutifolia*  
(H.-M.) W.E.Evans fa. *rubella* W.E.Ev.  
Fl. yellow; in wet alpine (brooks)  
meadows.
- 22685 *Omphalogramma Souliei* Franch. In fruit.  
Fl. indigo-blue; alpine meadows, 14,500 ft.
- 22686 *Omphalogramma Souliei* Franch. In fruit.  
Fl. indigo-blue; alpine meadows, 14,500 ft.
- 22687 *Cassiope dendrotricha* Hand.-Mazz.  
Fl. white; on rocks and among shrubs,  
14,500 ft. Sd.coll.
- 22688 *Pedicularis* sp.?  
Fl. red; alpine meadows, 13,000 ft.
- 22689 *Anemone demissa* ?  
Fl. white; alpine meadows, 13,000 ft.
- 22690 *Anemone* sp.?  
Fl. white; in shade of spruce forest,  
12,000 ft.
- 22691 Legum. plant  
Fl. yellow; alpine meadows, 10,000 ft.
- 22692 *Meconopsis integrifolia* (Maxim.) Fr.  
Fl. yellow; alpine meadows, 12,000 ft. Sd.coll.

## Rock Collections --

L.C. Mountains south of Litiping and Wei-hsi, Yunnan Prov.,  
11,300-12,000 ft. elev.

Coll. No.

- 22693 *Rhododendron coryphaeum*  
Tree 25-30 ft.; trunk 1-2 ft. diam.;  
fl. yellow.
- 22694 *Magnolia mollicomata* W.W.Sm.  
(Fr. 23284) Tree 30-40 ft., 50 ft.; fl. pink, later  
white; in spruce and fir forest, 12,000 ft. Sd.coll.
- Collected on Mt. Fuchuan, west of Mekong-Salwin Divide,  
west of Wei-hsi.
- 22695 *Meconopsis speciosa* Prain  
(Fr. 23288) Lvs. lobed; fl. blue; in scree, 13,500-  
14,500 ft. Sd.coll.
- 22696 *Meconopsis Georgei* G.Taylor  
(Fr. 23287) Lvs. simple, spiny; fl. yellow; same  
locality as 22695. Sd.coll.
- 22697 *Meconopsis lancifolia* var. *solitariiflora* Fedde  
(Fr. 23286) Fl. bluish purple and red; same locality  
as 22695. Sd.coll.
- 22698 *Meconopsis impedita* Prain  
(Fr. 23252) Fl. dark black-red; same locality as  
22695. Sd.coll.
- 22699 *Meconopsis lancifolia* var. *solitariiflora* Fedde  
(Fr. 23253) Fl. dark purple; same locality as  
22695. Sd.coll.
- 22700 *Aconitum barbatum* Patr.?  
Fl. blue; alpine meadows, 12,000 ft.
- 22701 *Cyananthus lobatus* Wall.  
Fl. blue; alpine meadows, along brooks,  
12,000 ft.
- 22702 *Sorbus rufopilosa* Schneid.  
(Fr. 23299) Tree 10-15 ft.; fl. red; alpine regions,  
12,000 ft. Sd.coll.
- 22703 *Sorbus* sp. ? *Rehderiana* Koehne  
(Fr. 23300) Tree 15-20 ft.; fl. white; alpine regions,  
12,000 ft.
- 22704 *Rhododendron brevistylum*  
(Fr. 23301) Shrub 5-6 ft.; fl. white; alpine regions,  
12,000 ft. Sd.coll.

## Rock Collections --

56.  
22705Mt. Fuchuan, west of Mekong-Salwin Divide, west of  
Wei-hsi, contd.Coll. No.

- 22705 *Rhododendron helirolepis*  
(Fr. 23302) Tree 10-15 ft.; spruce forest, alpine  
regions, 12,000 ft. Sd.coll.
- 22706 *Rhododendron herpesticum*  
(Fr. 23303) Shrub 4-5 ft.; fl. red; alpine regions,  
13,500 ft.
- 22707 *Rhododendron* sp.? (*Sanguineum* ser.)  
Shrub 3-4 ft.; fl. carmine; alpine  
regions, 13,500 ft.
- 22708 *Rhododendron chaetomallum*  
(Fr. 23304) Shrub 3-4 ft.; fl. ?; alpine regions,  
13,500 ft. Sd.coll.
- 22709 *Rhododendron chaetomallum*  
(Fr. 23305) Shrub 4-6 ft.; fl. ?; alpine regions,  
13,500 ft. Sd.coll.
- 22710 *Rhododendron platyphyllum*  
Shrub 3-4 ft.; fl. ?; alpine regions  
above fir forest, along cliffs and  
craggs, 14,500 ft.
- 22711 *Rhododendron chaetomallum*  
(Fr. 23306) Shrub 4 ft.; fl. ?; alpine regions  
above fir forest, along cliffs and  
craggs, 14,500 ft. Sd.coll.
- 22712 *Rhododendron* sp.? (*Sanguineum* Ser.)  
Shrub 5 ft.; alpine regions above  
fir forest, along cliffs and craggs,  
14,500 ft.
- 22713 *Rhododendron chaetomallum*  
(Fr. 23294) Shrub 6-8 ft.; alpine regions above  
fir forest, along cliffs and craggs,  
14,500 ft. Sd.coll.
- 22714 *Rhododendron aperantum*  
(Fr. 23295) Shrub 5-6 ft.; alpine regions above  
fir forest, along cliffs and craggs,  
14,500 ft.
- 22715 *Rhododendron saluenense* forma  
(Fr. 23296) Shrub 4-5 ft.; fl. purple; alpine  
regions above fir forest, along cliffs  
and craggs, 14,500 ft.
- 22716 *Pterocarya insignis* Rehd. & Wils.  
(Fr. 23297) Tree 25-30 ft.; on W. banks of Mekong,  
9000 ft. Sd.coll.

## Rock Collections --

Mt. Fuchuan, west of Mekong-Salwin Divide, west of  
Wei-hsi, contd.

Coll. No.

- 22717 *Cremanthodium*  
(Fr. 23280) Fl. purple; on gravelly slopes, 13,000 ft. Sd. coll.
- 22718 *Gnaphalium* sp.?- *Anaphalis cuneifolia* Hk. f.  
Fl. white; alpine slopes, rocky,  
13,500 ft.
- 22719 *Deutzia rubens* Rehd.  
(Fr. 23279) Shrub 4-6 ft.; fl. white to pinkish;  
in forest, 12,000 ft. Sd. coll.
- 22720 *Liana* *Actinidia venosa* Rehder  
(Fr. 23278) Fl. yellow; in mixed forest, 11,000 ft.
- 22721 *Senecio* sp.?  
Fl. yellow; alpine meadows; 12,000 ft.
- 22722 *Pedicularis* sp.?  
(Fr. 23298) Fl. purple; alpine meadows, 12,000 ft. Sd. coll.
- 22723 *Primula dryadifolia* Franch. subsp. *cyclophylla*  
(Fr. 23277) Balf. f. et Farrer  
Alpine regions on boulders and cliffs,  
14,500-15,00 ft.
- 22724 *Potentilla stenophylla* Franch. Diels  
(Fr. 23281) Fl. yellow; alpine regions on boulders  
and cliffs, 14,500-15,000 ft. Sd. coll.
- 22725 *Anemone* sp.?- *obtusiloba* Don.  
Fl. white-purplish blue; alpine meadows,  
12,500 ft.
- 22726 *Cremanthodium reniforme* Benth.  
(Fr. 23282) Fl. yellow; alpine meadows, 12,500 ft. Sd. coll.
- 22727 *Aster* sp.?  
(Fr. 23283) Fl. bluish-purple; (pappus very short);  
alpine meadows, 12,500 ft.
- 22728 *Pedicularis* sp.? *verbenaeflora* Fr.  
(Fr. 23276) Fl. purple; alpine meadows, 12,500 ft. Sd. coll.
- 22729 *Neillia thyrsiflora* Don  
(Fr. 23275) 4-5 ft.; fl. white; outskirts of forests,  
11,500 ft. Sd. coll.
- 22730 *Composite* sp.?  
Fl. yellow; alpine meadows and water  
courses, 13,500 ft.
- 22731 *Diplarche multiflora* Hook. f. & Thoms.  
(Fr. 23274) Plant 2-3 inches-1/2 ft.; on cliffs  
and crags. Sd. coll.

## Rock Collections --

Mt. Fuchuan, west of Mekong-Salwin Divide, west of  
Wei-hsi, contd.

Coll. No.

- 22732 *Salvia* ~~sp.?~~ <sup>sp.?</sup> *hians*  
(Fr. 23272) Fl. purplish pink; alpine meadows,  
13,000 ft. Sd. coll.
- 22733 *Potentilla fruticosa* L. var. *davurica* Lehm.  
(Fr. 23272) 2-3 ft.; fl. yellow; alpine regions,  
13,000 ft. Sd. coll.
- 22734 *Potentilla davurica*-Nestl. *fruticosa* Linn. et vars  
(Fr. 23271) 3 ft.; fl. pale cream colored; alpine  
regions, 13,000 ft. Sd. coll.
- 22735 *Nardostachys* ~~sp.?~~ <sup>sp.?</sup> *grandiflora* DC.  
(Fr. 23270) Plant (herb); fl. pinkish purple;  
alpine meadows, 12,500 ft. Sd. coll.
- 22736 *Pedicularis*  
(Fr. 23269) Fl. pink to purple; alpine meadows,  
12,500 ft. Sd. coll.
- 22737 *Trollius pumilus* Don var. *yunnanensis* Franch.  
(Fr. 23268) Fl. yellow; swampy alpine regions,  
13,000 ft. Sd. coll.
- 22738 *Cremanthodium larium*-Hand.-Mazz.- *rhodocephalum* Diels  
(Fr. 23267) Fl. purple; alpine regions, 13,000 ft. Sd. coll.
- 22739 *Potentilla coriandrifolia* Don.  
(Fr. 23266) Fl. yellow; alpine regions, 13,000 ft. Sd. coll.
- 22740 *Pedicularis* ~~sp.?~~ <sup>sp.?</sup> *habachananensis* Bonati  
(Fr. 23265) Fl. purple; alpine meadows, 12,500 ft. Sd. coll.
- 22741 *Cremanthodium larium*-Hand.-Mazz.- *campanulatum* Diels  
(Fr. 23264) Fl. purple; alpine meadows, 12,500 ft. Sd. coll.
- 22742 *Omphalogramma minus* Hand.-Mazz.  
(Fr. 23263) Fl. indigo blue; alpine meadows,  
13,500 ft. Sd. coll.
- 22743 *Primula serratifolia* Franch. forma  
(Fr. 23262) Fl. yellow; alpine meadows, 13,500 ft. Sd. coll.
- 22744 *Gentiana* sp.?  
(Fr. 23261) Greenish-purple; alpine meadows,  
12,500 ft. Sd. coll.
- 22745 *Crucifer*:- *Pagaeophytum sinense* (Hemsl.) Havak & H-M  
Fl. pale blue; in water courses,  
14,500 ft.
- 22746 *Rhododendron pronum*  
(Fr. 23266) Shrub 1-2 ft.; spreading; fl. white,  
spotted purple; alpine regions, 13,500-  
15,000 ft.

## Rock Collections --

Mt. Fuchuan, west of Mekong-Salwin Divide, west of  
Wei-hsi, contd.

Coll. No.

- 22747 Polygonum ~~sp.?~~ calostachyum Diels  
(Fr. 23259) Fl. carmine; alpine meadows, 13,000 ft. Sd.coll.
- 22748 ~~Herb.?~~ Polygonum forrestii Diels  
(Fr. 23258) Fl. white to cream colored; alpine regions,  
scree, 14,500 ft. Sd.coll.
- 22749 Primula sikkimensis Hook.  
(Fr. 23251) Fl. yellow; alpine regions, wet places,  
14,500 ft. Sd.coll.

Salwin-Mekong Divide, Salwin side.

- 22750 Primula chlorodryas W.W.Sm.  
(Fr. 23257) Fl. yellow; alpine regions, 13,500 ft. Sd.coll.
- 22751 Nomocharis ~~sp.?~~ pardanthina Fr.  
(Fr. 23256)- Fl. white spotted purple; alpine meadows,  
13,000 ft. Sd.coll.
- 22752 Schima sp.?  
(Fr. 23255) Tree 60-80 ft. tall; fl. cream colored;  
west of Mekong, 9000 ft.
- 22753 Meconopsis integrifolia (Maxim.) Fr.  
(Fr. 23254) Fl. yellow; alpine meadow, 12,500 ft. Sd.coll.

Collected on Pei-ma shan, Mekong-Yangtze Divide, Atuntze region,  
May, June 1932.

- 22754 Sorbus Rehderiana Koehne var. cupreo-nitens Hand.-Mazz.  
(Fr. 23362) Tree 10-15 ft.; fl. white; in spruce for-  
est, 12,500 ft. Sd.coll.
- 22755 Philadelphus Delavayi L. Henry  
Shrub 6-8 ft.; fl. white; in spruce  
forest, 12,500 ft.
- 22756 Phlomis rotata Benth.  
(Fr. 23363) Fl. bluish purple, flat rosettes;  
alpine meadows, 12,500 ft. Sd.coll.
- 22757 Populus Bonatii Levl.  
Tree 40-50 ft.; open alpine regions,  
10,000 ft.
- 22758 Lagotis ~~sp.?~~ brevituba Max.  
(Fr. 23364) Plant, fl. bluish-white; wet, gravelly  
alpine region, 15,000-14,500 ft. Sd.coll.

Rock Collections --  
Pei-ma shan, Mekong-Yangtze Divide, Atuntze region, contd.

22759

Coll. No.

- 22759 *Paraquilegia anemoneoides-microphylla* Drum & Hutch.  
(Fr. 23365) Fl. pale lavender, on crags and cliffs,  
15,000-14,500 ft. Sd.coll.
- 22760 *Rhododendron oreotrephes*  
Tree 10-12 ft.; fl. purple; in forests,  
12,000 ft.
- 22761 *Sisymbrium* sp.?  
(Fr. 23367) Fl. yellow; alpine meadows, 12,000 ft. Sd.coll.
- 22762 *Rhododendron oreotrephes*  
Tree 10-15 ft.; fl. purple; in spruce  
forest, 12,500 ft.
- 22763 *Crucifer*-sp.-? *Solmslaubachia linearifolia* var. *leiocarpa* Chuulz  
Fl. pink; on scree, 14,500 ft.
- 22764 *Anemone* sp.-? *trullifolia* var. *coelestis* F. & G.  
Fl. white; alpine meadows, 14,500 ft.
- 22765 *Lonicera cyanocarpa*  
(Fr. 23368) Fl. yellow; shrub 2-3 ft.; alpine regions,  
14,500 ft. Sd.coll.
- 22766 *Salix* sp.-? *nulienensis* Goerz  
Shrub 3-4 ft.; alpine regions, 14,500 ft.
- 22767 *Rhododendron levistratum*  
(Fr. 23369) 6-10 ft.; fl. white; alpine regions in  
spruce forest, 12,500 ft. Sd.coll.

Collected on Mo-ting shan, east of Atuntze

- 22768 *Meconopsis lancifolia* Fr. var. *solitariiflora* Fedde  
(Fr. 23370) *speciosa*?  
Fl. rich deep blue, exceedingly handsome;  
in watercourses, 15,000 ft. Sd.coll.
- 22769 *Rhododendron aganniphum*  
(Fr. 23371) Tree 10-15 ft.; fl. pink; rocky alpine  
regions, 14,500 ft. Sd.coll.

Collected on Mo-ting shan, east of Atuntze, overlooking  
the Yangtze.

- 22770 *Primula lepta* Balf.f. et Forrest  
(Fr. 23372) Fl. ultramarine blue; alpine meadows,  
14,500 ft. Sd.coll.

## Rock Collections --

22771

Mo-ting shan, east of Atuntze, overlooking the Yangtze, contd.

Coll. No.

- 22771 Herb. dull  
Fl. purplish red along trail, 12,000 ft.
- 22772 *Calophaca polystichoides* Hand.-Mazz.  
(Fr. 23373) Fl. yellow; prostrate over rocks,  
13,500 ft. Sd. coll.
- 22773 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
Fl. bluish purple; alpine meadows,  
15,000 ft.
- 22774 *Iris* ~~sp.?~~ *tectorum* Max.  
(Fr. 23374) Fl. bluish purple; in meadows, 11,500 ft. ~~Sd. coll.~~
- 22775 *Sedum* ~~sp.?~~ *bupleuroides* var. *rotundatum* (Hemsl.) Fred.  
(Fr. 23375) Fl. red; on rocks and boulders, 14,500 ft. Sd. coll.

Collected on Pei-ma shan, eastern slopes Yangtze-Mekong Divide.

- 22776 *Primula ingens* W.W.Sm. et Forrest  
(Fr. 23376) Fl. bluish purple, alpine meadows. Sd. coll.
- 22777 *Cotoneaster horizontalis* Dene.  
(Fr. 23377) Spreading shrub, fl. red; over rocks  
and boulders, 14,000 ft. Sd. coll.
- 22778 *Androsace (spinulifera)*  
(Fr. 23378) Grassy slopes, 12,500 ft. Sd. coll.
- 22779 *Trollius pumilus* Don var. *yunnanensis*  
(Fr. 23379) Fl. yellow; swampy meadows, 13,500 ft. Sd. coll.
- 22780  
Shrub 3 ft.; fl. pink; alpine regions,  
13,000 ft.
- 22781 *Ribes glaciale* Wall.  
3-4 ft.; fl. white; alpine regions,  
13,000 ft.
- 22782 *Malus Rockii* Rehd.  
(Fr. 23380) Tree 20 ft.; fl. white; in forests,  
12,500 ft. Sd. coll.
- 22783 *Prunus pubigera* (Schneid.) Koehne  
(Fr. 23381) Tree 20-40 ft., trunk 3-4 ft. diam.;  
fl. pink; in forests, 12,000 ft. Sd. coll.
- 22784 *Acer tetramerum* Pax. var. *betulifolium* (Maxim.) Rehd.  
(Fr. 23382) Tree 10-15 ft.; 20 ft.; fl. ?; in  
forests, 12,000 ft. Sd. coll.

Rock Collections --  
 Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

22785

Coll. No.

- 22785 *Incarvillea* ~~sp.?~~ *compacta* Max.  
 (Fr. 23383) Fl. reddish-purple; leaves deeply pin-  
 nate; gravelly slopes, 13,500 ft. Sd.coll.
- 22786 *Primula minor* Balf. et Ward  
 (~~Fr. 23384~~) Fl. blue; among rocks, alpine, 14,500 ft. ~~Sd.coll.~~
- 22787 *Primula gemmifera* Batal. subsp. *zambalensis* Petitm.  
 (Fr. 23385) Fl. blue; wet alpine meadows, 14,000 ft. Sd.coll.
- 22788 *Primula sinoplantaginea* Balf. f.  
 Fl. red to purple; alpine meadow,  
 14,500 ft.
- 22789 *Primula russeola* Balf. f. et Forrest  
 (Fr. 23386) Fl. purplish-blue; alpine meadow,  
 14,500 ft. Sd.coll.
- 22790 *Primula leucochnoa* Hand.-Mzt. vel aff.  
 (Fr. 23387) Fl. purplish-pink; alpine meadow,  
 14,000 ft.
- 22791 *Primula amabilis* Balf. f. et Forrest  
 (Fr. 23388) Fl. pale blue; alpine meadow, 14,000 ft. Sd.coll.
- 22792 *Primula ingens* W.W.Sm. et Forrest  
 (Fr. 23389) Fl. bluish-purple; alpine meadow,  
 14,000 ft. Sd.coll.
- 22793 *Sorbus oligodonta* (Cardot) Hand.-Mazz.  
 (Fr. 23390) Shrub or tree, 10-20 ft.; in mixed  
 forests, 11,500 ft. Sd.coll.
- 22794 *Salix* ~~sp.?~~ *balfouriana* Schneid.  
 (Fr. 23391) Shrub 6-8 ft.; in mixed forests,  
 11,500 ft. Sd.coll.
- 22795 *Anemone sylvestris* L.-? *rupicola* Camb.  
 (Fr. 23392) 2 inches; fl. white; in scree, slopes,  
 15,000 ft. Sd.coll.
- 22796 *Caragana jubata* Poiret  
 (Fr. 23309) Shrub 1-2 ft.; fl. pink; on scree  
 slopes, 15,000 ft. Sd.coll.
- 22797 *Potentilla Sibbaldi* Hall- *procumbens* Linn.  
 (Fr. 23393) Fl. yellow; in alpine meadows,  
 14,000 ft. Sd.coll.
- 22798 *Rhododendron levistratum*  
 (Fr. 23394) Tree 10-15 ft.; fl. white; alpine  
 regions and fir forests, 12,500 ft. Sd.coll.

Rock Collections --  
 Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

22799

Coll. No.

- 22799 *Rhododendron schizopeplum*  
 (Fr. 23307) Tree 12-15 ft.; fl. pink; alpine regions  
 and fir forests, 12,500 ft. Sd. coll.
- 22800 *Rhododendron tapetiforme*  
 Shrub (globose) 2 ft. tall, forming  
 cushion-like shrubs; fl. red; dry slopes,  
 14,500 ft. See 22803.
- 22801 *Rhododendron Beesianum*  
 (Fr. 23308) Tree 15-20 ft.; fl. pink ?; alpine  
 regions, 13,500 ft. Sd. coll.
- 22802 *Caragana jubata* (Pall.) Poiret  
 (Fr. 23313) Spreading, prostrate shrub; fl. rose  
 pink; gravelly slopes, 14,500 ft. Sd. coll.
- 22803 *Rhododendron ramosissimum*  
 (Fr. 23310) Shrub 1 - 1 1/2 ft.; fl. blue; dry  
 slopes in company with 22800, 14,500 ft. Sd. coll.
- 22804 *Caltha scaposa* Hook. f. & Th. var.  
 (Fr. 23311) Fl. yellow; on scree slopes, 14,500 ft. Sd. coll.
- 22805 *Diapensia purpurea* Diels fa. *rosea* W.E.Ev.  
 (Fr. 23312) Fl. pink; cushion plant on boulders,  
 15,500 ft. Sd. coll.
- 22806 *Rhododendron muliense*  
 (Fr. 23360) Small shrub, 2 ft.; fl. yellow; alpine  
 regions, 14,000 ft. Sd. coll.
- 22807 *Rhododendron Wardii*  
 (Fr. 23314) Tree 10-15 ft.; fl. yellow; in fir  
 forest, 12,500 ft. Sd. coll.
- 22808 *Primula pulchella* Franch.  
 (Fr. 23315) Fl. blue among gravel and rocks,  
 13,500 ft. Sd. coll.
- 22809 *Rhododendron scintillans*  
 (Fr. 23316) Shrub 2 ft.; fl. dark, purplish red;  
 dry alpine gravelly slopes, 14,500 ft. Sd. coll.
- 22810 *Rhododendron pycnocladum*  
 (Fr. 23317) Shrub 1-2 ft.; fl. dark blue; dry alpine  
 slopes, 14,500 ft. Sd. coll.
- 22811 *Rhododendron levistratum*  
 (Fr. 23319) Tree 8-15 ft.; fl. white; dry alpine  
 slopes, 14,500 ft. Sd. coll.
- 22812 *Oxytropis yunnanensis*-- *nigrescens* Fr.  
 (Fr. 23320) Fl. blue; in scree, alpine, 14,500 ft. Sd. coll.

## Rock Collections --

22813

Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

- 22813 *Galophaea crassicaulis* (Benth.) Komar.  
(Fr. 23359) 3-5 in.; fl. red; in scree, alpine,  
14,500 ft. Sd. coll.
- 22814 *Rhododendron agglutinatum* aff.  
(Fr. 23321) Shrub 6-8-10 ft.; fl. white; alpine  
regions, 14,000 ft. Sd. coll.
- 22815 *Rhododendron cephalanthum*  
(Fr. 23322) Shrub 2 ft.; fl. white, fragrant;  
alpine regions, 14,000 ft. Sd. coll.
- 22816 *Cotoneaster microphylla* Wall.  
Prostrate shrub; fl. pink; alpine  
regions, 14,000 ft.
- 22817 ~~*Thylacosperma* sp.?~~ *Arenaria polytrichoides* Edgw.  
(Fr. 23323) Cushion plant; fl. white; on boulders,  
15,500-16,000 ft. Sd. coll.
- 22818 *Rhododendron agglutinatum*  
(Fr. 23324) Tree 10-15 ft.; fl. white; alpine regions,  
13,500 ft. Sd. coll.
- 22819 *Rhododendron divyophyllum*  
(Fr. 23325) Shrub 6-8 ft.; fl. white; alpine regions,  
13,500 ft. ~~Sd. coll.~~
- 22820 *Rhododendron Fargesii*  
(Fr. 23326) Shrub 4-5 ft.; fl. large, white; in fir  
forest, 13,000 ft. Sd. coll.
- 22821 *Paeonia lutea* Franch. var.  
(Fr. 23327) Shrub 3 ft.; fl. large, white; in fir  
forest, 13,000 ft. Sd. coll.
- 22822 *Rhododendron aganniphum*  
(Fr. 23328) Shrub 4 ft.; fl. rose pink; in fir  
forest, 13,000 ft. Sd. coll.
- 22823 *Rhododendron cosmetum*  
(Fr. 23330) Shrub 1-2 ft.; fl. bluish purple, calyx  
carmine; alpine regions, 14,500 ft. Sd. coll.
- 22824 *Rhododendron aganniphum*  
(Fr. 23331) Shrub 4-5 ft.; white spotted purple; in  
fir forest, 12,500 ft. Sd. coll.
- 22825 *Rhododendron pleistanthum*  
(Fr. 23332) 8-10 ft.; fl. blue smoke color; in  
spruce forest, 12,000 ft. Sd. coll.
- 22826 *Rhododendron aganniphum*  
(Fr. 23333) Tree 10-15 ft.; fl. pink; in spruce  
forest, 12,000 ft. Sd. coll.

Rock Collections -- 22827  
 Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

- 22827 *Astragalus acaulis* Baker  
 (Fr. 23329) Fl. pale lemon yellow; on scree slopes,  
 15,000 ft. Sd.coll.

Collected on Mo-ting shan, east of Atuntze.

- 22828 *Meconopsis integrifolia* (Maxim.) Fr.  
 (Fr. 23334) Fl. yellow; gravelly alpine meadows,  
 13,500 ft. Sd.coll.

Collected on Pei-ma shan, eastern slopes Yangtze-Mekong Divide.

- 22829 *Rhododendron tapetiforme*  
 Shrub 1/2 ft.; fl. purplish blue; dry  
 gravelly alpine slopes, 15,500 ft.
- 22830 *Primula dryadifolia* Franch.  
 (Fr. 23335) Fl. red; on boulders, 15,500 ft. Sd.coll.
- 22831 *Thermopsis inflata* alpina Ledeb.  
 (Fr. 23336) Plant prostrate; fl. yellow; in scree  
 at 15,500 ft. Sd.coll.
- 22832 *Pedicularis* sp. ? *versicolor* Wahl.  
 (Fr. 23337) Fl. pink; alpine meadows, 13,500 ft. Sd.coll.
- 22833 *Rhododendron schizopeplum*  
 (Fr. 23338) Tree 10-15 ft.; fl. pink; alpine region,  
 in fir forest, 13,000 ft. Sd.coll.
- 22834 *Anemone* sp. ? - *narcissiflora* L.  
 Fl. white; alpine meadows, 12,000 ft.
- 22835 *Berberis tishleri* Schn.-Merrill determination  
 (Fr. 23339) *Berberis* sp. ? *aggregata* var. *Prattii*-Ames determination  
 Fl. yellow; shrub 3 ft.; alpine meadows,  
 12,000 ft. ~~Sd.coll.~~
- 22836 *Berberis Jamesiana* Forr. & W.W.Sm.  
 (Fr. 23340) 4-5 ft.; fl. yellow; alpine meadows,  
 13,000 ft. Sd.coll.
- 22837 *Primula lichiangensis* Forrest  
 (Fr. 23341) Fl. purple to wine color; in shade  
 spruce forest, 12,000 ft. Sd.coll.
- 22838 *Androsace* sp. ?  
 Fl. deep pink; on boulders, 15,500 ft.
- 22839 *Aster* sp. ?  
 (Fr. 23342) Fl. blue; alpine meadows, 14,500 ft. Sd.coll.

## Rock Collections --

22840

Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

- 22840 *Pedicularis* sp.? microphyton Bur. & Fr.  
(Fr. 23343) Fl. purplish red; alpine meadows,  
14,500 ft. Sd.coll.
- 22841 *Compositae*-*Oxygraphis glacialis* Eunge  
Fl. yellow; in wet gravel, 15,000 ft.
- 22842 *Sedum* sp.? *venustum* Praeger  
(Fr. 23344) Fl. yellow; alpine regions, cliffs and  
crags, 15,000 ft. Sd.coll.
- 22843 *Nycteyamis*-sp.? *Hyoscyamus niger* Linn.  
(Fr. 23345) Fl. pale blue; at Atuntze, 11,500 ft. Sd.coll.
- 22844 *Calophaca crassicaulis* (Benth.) Komar.  
(Fr. 23346) Fl. yellow; alpine regions among  
boulders, 15,000 ft. Sd.coll.
- 22845 *Primula secundiflora* Franch.  
(Fr. 23348) Fl. purplish red; alpine meadows,  
14,000 ft. Sd.coll.
- 22846 *Primula calliantha* Franch. forma  
(Fr. 23349) Fl. bluish purple; alpine meadows,  
14,000 ft. Sd.coll.
- 22847 *Rhododendron levistratum*  
(Fr. 23350) Shrub 8-10 ft.; fl. white; in fir  
forest, 12,000 ft. Sd.coll.
- 22848 *Rhododendron stictophyllum*  
Shrub 1 ft.; fl. blue; dry alpine  
regions, 15,000 ft.
- 22849 *Rhododendron schizopeplum*  
(Fr. 23318) Shrub 8-10 ft.; fl. white spotted  
purple, in fir forest, 13,000 ft. Sd.coll.
- 22850 *Meconopsis integrifolia* var.?  
Alpine meadows, 13,000 ft.

Collected on Mo-ting shan, east of Atuntza, overlooking the  
Yangtze.

- 22851 *Gnaphalium* sp.?  
On boulders, 14,500 ft.
- 22852 *Delphinium* sp.? *caeruleum* Camb.  
Fl. purplish blue; on scree, 14,000 ft.
- 22853 *Gentiana* sp.?  
Fl. purple blue; alpine meadows,  
14,000 ft.

## Rock Collections --

Mo-ting shan, east of Atuntza, overlooking the  
Yangtze, contd.

Coll. No.

- 22854 *Gentiana* sp. ♀ *sino-ornata* Balf. f.  
Fl. blue; alpine meadows, 14,000 ft.
- 22855 *Gentiana* sp. ♀ *hexaphylla* Max. var.  
Fl. pale blue; alpine meadows,  
14,000 ft.

Mountains of Hung-po west of Tung-chu-ling, overlooking Mekong,  
southwest of Pei-ma shan.

- 22856 *Cassiope* sp. ♀ *selaginoides* Hook. f. & Th.  
Fl. white; alpine regions, 14,500 ft.
- 22857 Composite sp. ?  
Fl. purple; alpine meadows, 14,000 ft.
- 22858 *Rhododendron* *protocides*  
Shrub 1-2 ft., prostrate, spreading;  
fl. white; alpine regions, 14,000 ft.
- 22859 *Rhododendron* *prostratum*  
Shrub 6 inches, prostrate; fl. purplish  
blue; alpine regions, 14,000 ft.

Mountains of Hung-po, southwest of Pei-ma shan, overlooking the  
Mekong, east of Yangtze. June, 1932.

\* Break in numbers due to arrangement of book. This happens at the end  
of each of the first three books.

- 22870 \* *Diapensia* *purpurea* Diels fa. *rosea* W.E. Ev.  
Cushion plant; fl. pink; on boulders,  
14,500-15,000 ft.
- 22871 *Anemone* ♀-- *Paraquilegia* *microphylla* Drum. & Hutch.  
Fl. pale lavender; on boulders and  
cliffs, 15,000 ft.
- 22872 *Rhododendron* *tapetiforme*  
Shrub 5-6 inches; fl. purplish blue;  
on boulders and cliffs, 15,000 ft.
- 22873 ~~*Saxi-fraga-ccc*~~ *Bergenia* *purpurascens* var. *Delavayi* Engl.  
~~(Hb. 23493)~~ Fl. purple to red; among rocks, on boulders  
and cliffs, 15,000 ft.
- 22874 *Gentiana* sp. ♀-- *phellocalyx* Clarke  
Fl. deep blue; alpine meadows, 14,500 ft.

3d coll.

## Rock Collections --

22875

Mountains of Hung-po, southwest of Pei-ma shan, overlooking  
the Mekong, east of Yangtze.Coll. No.

- 22875 Pedicularis ~~sp.?~~ chenocephala Diels  
(Fr. 23411) Fl. purple; alpine meadows, 14,500 ft. Sd.coll.
- 22876 Legum. Hedysarum of sikkimense Hk. f.  
Fl. purple; alpine meadows, 14,500 ft.
- 22877 Pedicularis ~~sp.?~~ delavayi Fr.  
Fl. purple; alpine meadows, 14,500 ft.
- 22878 Leg. plant  
Fl. blue; alpine meadows, 14,500 ft.
- 22879 Silene sp.?  
Fl. purple; on cliffs and crags, 14,000 ft.
- 22880 Meconopsis impedita Prain  
(Fr. 23410) Fl. purplish blue; on scree and among  
rocks, 14,500 ft. Sd.coll.
- 22881 Meconopsis horridula Hook.f. & Thoms.  
(Fr. 23399) Fl. steel blue; on scree and among  
rocks, 14,500 ft. Sd.coll.
- 22882 Myosotis-Hookeri-~~var.~~ Chioncharis hookeri (Clarke) Johnst.  
(Fr. 23396) Woolly cushion plant, fl. sky blue;  
15,500-16,000 ft. Sd.coll.
- 22883 Saussurea ~~sp.?~~ eriocephala Diels  
(Fr. 23397) Fl. purple; on alpine scree, 15,500-  
16,000 ft. Sd.coll.
- 22884 Saussurea ~~sp.?~~ gossyphiphora Don  
Fl. purple; on alpine scree, 15,500-  
16,000 ft.
- 22885 Saussurea ~~sp.?~~ gossyphiphora-Ben arioccephala Diels det.  
Fl. purple; on alpine scree, 15,500-  
16,000 ft.
- 22886 Primula russeola Balf.f. et Forrest  
Fl. purple; alpine meadows, 14,000 ft.
- 22887 Meconopsis integrifolia Maxim. Fr.  
(Fr. 23395) Fl. yellow; alpine meadows, 14,000 ft. Sd.coll.
- 22888 Prenanthes umbrella (Franch.) Babc.  
(Fr. 23402) Fl. purple; on scree, 15,000 ft. Sd.coll.
- 22889 Corydalis sp.?  
Fl. yellow; on scree, 15,000 ft.
- 22890 Primula sinoplantaginea Balf.f.  
Fl. purple; alpine meadows, 14,000 ft.

- Rock Collections -- 22891  
Mountains of Hung-po, southwest of Pei-ma shan, overlooking  
the Mekong, east of Yangtze.
- Coll. No.
- 22891 Composite- *Doronicum tibeticum* Cavill.  
Fl. yellow; alpine meadows, 14,000 ft.
- 22892 Composite- *Cremathodium decaisnei* Clarke  
Fl. yellow; on scree, 14,500 ft.
- 22893 *Primula dryadifolia* Franch.  
Fl. pink; on boulders, 15,000 ft.
- 22894 *Meconopsis horridula* Hook.f. & Thoms.  
(Fr.23409) Fl. purple; on boulders and scree,  
15,000 ft. Sd.coll.
- 22895 *Rhododendron dryophyllum*  
(Fr.23406) Fl. ?; shrub 3-4 ft.; alpine regions,  
13,500 ft. Sd.coll.
- 22896 *Rhododendron aganniphum* var. *adenophyllum*  
(Fr.23405) Fl. white; shrub 4-8 ft.; alpine  
regions, 12,000 ft. Sd.coll.
- 22897 *Rhododendron aganniphum*  
(Fr.23401) Fl. purplish-pink; shrub 4-8 ft.;  
alpine regions, 12,000 ft. Sd.coll.
- 22898 *Rhododendron caloxanthum* aff.  
(Fr.23408) Fl. yellow; shrub 3 ft.; alpine  
regions, 12,000 ft. Sd.coll.
- 22899 *Potentilla* sp. ?- *articulate* Franch.  
Fl. yellow; among boulders, 15,500 ft.
- 22900 *Larix Potaninii* Batal.  
(Fr.23404) Tree 30-40 ft.; alpine regions,  
15,000 ft. Sd.coll.
- 22901 *Rhododendron cephalanthum*  
(Fr.23400) Shrub 2-3 ft.; 5 ft.; fl. white;  
alpine regions, 13,500 ft. Sd.coll.
- 22902 *Rhododendron mullense*  
(Fr.23398) Shrub 2-3 ft.; fl. yellow; alpine  
regions, 14,000 ft. Sd.coll.
- 22903 ~~Amaranthac.~~-herb - *Rheum delvayi* Fr.  
Fl. red; alpine meadows and boulders,  
14,500 ft.
- 22904 *Saussurea* sp. ?- *subulata* Clarke  
Fl. ?; on boulders, 15,000 ft.
- 22905 *Potentilla* sp. ?  
Fl. yellow; on boulders, 15,000 ft.

Rock Collections --  
Mountains of Hung-po, southwest of Pei-ma shan, overlooking  
the Mekong, east of Yangtze.

Coll. No.

- 22906 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
Fl. purplish blue; alpine meadows,  
14,500 ft.
- 22907 ~~Composite sp.?~~ *Senecio clivorum* Max. vars.  
Fl. purple; alpine meadows, 14,500 ft.

Collected on western range of Mekong on Kaakerpo, Dokerla  
and Tsarung. May - June, 1932.

- 22908A *Rhododendron coryphaeum*  
(Fr. 23587) Tree 10-20-25 ft.; fl. yellow; in fir  
forest, 12,500 ft. Sd.coll.
- 22909 *Rhododendron fulvum*  
Tree 10-15 ft.; fl. white, pinkish  
tinge; in fir forest, 12,500 ft. Sd.coll.
- 22910 *Primula calliantha* Franch.  
(Fr. 23585) Fl. purplish blue; alpine meadow,  
14,000 ft. Sd.coll.
- 22911 *Rhododendron coryphaeum*  
(Fr. 23520) Tree 25-30 ft.; fl. red; forest,  
12,500 ft. Sd.coll.
- 22912 *Rhododendron eclecticum*  
Shrub 5-6 ft.; fl. orange red; forest,  
12,500 ft.
- 22913 *Rhododendron sanguineum*  
(Fr. 23524) Shrub 6-8 ft.; fl. carmine; alpine  
regions, 14,500 ft. Sd.coll.
- 22914 *Vaccinium Delavayi* Franch.  
(Fr. 23522) Fl. pink; among rocks, 12,000 ft. Sd.coll.
- 22915 *Rhododendron Beesianum*  
(Fr. 23521) Tree 10-15 ft.; fl. red; fir forests,  
12,500 ft. Sd.coll.
- 22916 *Rhododendron Beesianum*  
(Fr. 23528) Tree 10-12 ft.; fl. white; fir forests,  
12,500 ft. Sd.coll.
- 22917 *Rhododendron Beesianum*  
(Fr. 23527) 6-8 ft.; fl. pink; fir forests, 12,500 ft. Sd.coll.
- 22918 *Rhododendron* sp.? (*Roxieanum-Taliense* Ser.)  
(Fr. 23526) Shrub 5-6 ft.; alpine regions, 13,000 ft. Sd.coll.

## Rock Collections --

22919

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.Coll. No.

- 22919 *Primula*-~~sp.?~~ *Picrorhiza?*  
(Fr.23525) Fl. purple; on crags, 14,500 ft. Sd.coll.
- 22920 *Lilium taliense*-~~Franch.~~ *ducharteri* Fr. var. *farrere* Krause  
(Fr.23537) Fl. pink; on dry slopes in pine forest,  
9,500 ft. Sd.coll.
- 22921 *Polygala arillata* Ham.  
Leg. herb or shrub 3-4 ft.; fl. yellow;  
along water courses in spruce forest,  
11,000 ft.
- 22922 *Caltha palustris*-~~Fr.~~ *elata* Duthie  
(Fr.23536) Fl. yellow; along water courses in  
alpine regions, 13,000 ft. Sd.coll.
- 22923 *Acer Davidi* Franch.  
(Fr.23535) 25-30 ft.; in mixed forests, 11,000 ft. Sd.coll.
- 22924 *Pedicularis* ~~sp.?~~ *habachananensis* Bonati  
(Fr.23534) Fl. purple; alpine meadows, 13,000 ft. Sd.coll.
- 22925 *Crucifer*- *Pagaeophytum* (Hemsl.) Havak. & H.-M.  
(Fr.23533) Fl. pale blue; in alpine water courses,  
14,500 ft. Sd.coll.
- 22926 *Corydalis*  
Fl. magenta red; in alpine scree,  
14,500 ft.
- 22927 ~~Crucifer~~- *Draba amplexicaulis* Fr.?  
Fl. yellow; in alpine meadows, 12,500 ft.
- 22928 *Lycnis*-~~sp.?~~ *Silene esquamata* W.W.Sm.  
(Fr.23523) Fl. pink; in oak forest, dry slopes,  
10,000 ft. Sd.coll.
- 22929 *Siphonostegia* ~~sp.?~~ *chinensis* Benth.  
Fl. yellow; in oak forest, dry slopes,  
10,000 ft.
- 22930 ~~Malvaceous plant~~ *Hibiscus trionum* Linn.  
Fl. pale yellow; in oak forest, dry  
slopes, 10,000 ft.
- 22931 *Gnaphalium*-~~sp.?~~ ~~(Antennaria)~~- *Anaphalis cuneifolia* Hook.f.  
(Fr.23532) Fl. white; alpine meadows, 13,000 ft. Sd.coll.
- 22932 *Corydalis* sp.?  
Fl. pale blue; alpine meadows, 13,000 ft.
- 22933 *Oxyria* ~~sp.?~~ *digyna* Hill.  
(Fr.23531) Fl. yellow; alpine meadows, 13,000 ft. Sd.coll.

Rock Collections --  
Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

22934

Coll. No.

- 22934 Rhododendron Beesianum  
(Fr. 23530) Tree 10-15 ft.; fl. pink; in fir forest,  
12,500 ft. Sd.coll.
- 22935 Rhododendron sanguineum  
(Fr. 23529) Shrub 2-3 ft.; fl. red; alpine regions,  
13,000-13,500 ft. Sd.coll.
- 22936 Rhododendron croceum  
(Fr. 23544)? Shrub 3 ft.; fl. bright yellow; alpine  
regions, 13,000-13,500 ft.
- 22937 Prunus mugus Hand.-Mazz.  
Fl. pink; shrub tree 10-15 ft.; alpine  
regions, 13,000-13,500 ft.
- 22938 Salix-faxōniāna Schneid.  
Shrub 3 ft.; alpine regions, 13,000 ft.
- 22939 Sorbus Rehderiana Koehne  
(Fr. 23543) Shrub to tree 6-15 ft.; fl. pink; in fir  
forest, 12,000 ft. Sd.coll.
- 22940 Rhododendron proteoides  
(Fr. 23542) Shrub 2-3 ft.; fl. white; among boulders,  
alpine regions, 14,000 ft. Sd.coll.
- 22941 Artemisia sp.?  
(Fr. 23541) Fl. yellow; grassy slopes, Mekong Valley,  
Tibetan border, 9,000 ft. Sd.coll.
- 22942 Hydrangea mandarinorum Diels  
Shrub 3-5 ft.; bracts white; in forests  
of Mekong, 11,000 ft.
- 22943 Rhododendron chryseum  
(Fr. 23540) Shrub 2 ft.; fl. yellow; grassy alpine  
uplands, 14,000 ft. Sd.coll.
- 22944 Sorbus poteriiifolia Hand.-Mazz.  
(Fr. 23539) Shrub 5-6 ft.; fl. red; fir forest,  
12,000 ft. Sd.coll.
- 22945 Viburnum cordifolium Wall.  
Shrub 5-6 ft.; fl. white; fir forest,  
12,000 ft.
- 22946 Enkianthus deflexus (Griff.) Schneid.  
(Fr. 23538) Fl. reddish, striped; open country,  
10,000 ft. Sd.coll.
- 22947 Rhododendron hypolepidotum  
(Fr. 23555) Shrub 3 ft.; fl. yellow, small; alpine  
regions, 14,000 ft. Sd.coll.

## Rock Collections --

22948

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.Coll. No.

- 22948 *Clematis gracilifolia* Rehd. & Wils.  
~~*Clematis montana* Buch.-Ham.~~  
(Fr. 23552) Climber, fl. white; in fir forest,  
12,000 ft. Sd.coll.
- 22949 *Anemone narcissiflora* L. *demissa* Hk. f. & Th.  
(Fr. 23551) Fl. white; alpine meadow, 11,500 ft. Sd.coll.
- 22950 ~~*Myosotis* sp.?~~ *Hackelia Dielsii* (Brand) Johnston ?  
(Fr. 23550) Fl. blue; along brooks in forests,  
10,000 ft. Sd.coll.
- 22951 ~~Herb.~~ *Ceranium platypetalum* Fr.  
Fl. yellow; in water courses, alpine  
regions, 13,000 ft.
- 22952 *Caltha* sp.?  
*palustris* Linn.  
Fl. yellow; in water courses, alpine  
regions, 13,000 ft.
- 22953 *Primula serratifolia* Franch. forma  
(Fr. 23549) Fl. yellow; in water courses, alpine  
regions, 13,000 ft. Sd.coll.
- 22954 *Rhododendron saluenense*  
(Fr. 23548) Fl. purple; shrub 2-3 ft.; alpine  
regions, 14,000 ft. Sd.coll.
- 22955 *Sorbus hupehensis* Schneid.  
(Fr. 23547) Tree 10-15 ft.; fl. white; in fir  
forest, 12,000 ft. Sd.coll.
- 22956 *Sorbus pteridophylla* Hand.-Mazz.  
Shrub 5-6 ft.; fl. red; in fir forest,  
12,000 ft.
- 22957 *Rhododendron prostratum*  
(Fr. 23546) Plant 1 ft.; fl. purplish red; alpine  
regions, 14,000 ft. Sd.coll.
- 22958 *Rhododendron saluenense*  
(Fr. 23545) Shrub 2-3 ft.; fl. deep purple; alpine  
regions, 14,000 ft. Sd.coll.
- 22959 *Rhododendron iodes*  
(Fr. 23562) Shrub 5 ft.; fl. white; in fir forest,  
12,000 ft. Sd.coll.
- 22960 *Primula dryadifolia* Franch. subsp. *cycliophylla*  
Balf.f. et Forrest  
Fl. red; on boulders, alpine, 14,500 ft.
- 22961 *Rhododendron poecilodermum*  
(Fr. 23561) Shrub 5-8 ft.; fl. white spotted purple;  
alpine regions, 13,500 ft. Sd.coll.

Rock Collections --  
Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 22962 *Rhododendron campylogynum*  
(Fr.23560) Shrub 1 ft.; fl. dark, purplish red;  
alpine regions, 13,500 ft. Sd.coll.
- 22963 *Rhododendron chamaetortum*  
Shrub 1 ft.; fl. pink; alpine regions,  
13,500 ft.
- 22964 *Rhododendron cephalanthum*  
(Fr.23559) Shrub 2-3 ft.; fl. pink; alpine  
regions, 13,500 ft. Sd.coll.
- 22965 *Rhododendron haemaleum*  
Shrub 3-4 ft.; fl. deep red; alpine  
regions, 13,500 ft.
- 22966 *Primula calliantha* Franch.  
(Fr.23558) Fl. purplish blue; alpine meadows,  
13,000 ft. Sd.coll.
- 22967 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
(Fr.23557) Fl. deep bluish purple; alpine meadows,  
13,000 ft. Sd.coll.
- 22968 *Rhododendron saluenense*  
(Fr.23556) Shrub 1-2 ft.; fl. purple; alpine  
regions, 13,500 ft. Sd.coll.
- 22969 *Rhododendron fictolacteum*  
(Fr.23555) Tree 15-25 ft.; fl. pink; above fir  
forest, 13,000 ft. Sd.coll.
- 22970 *Cassiope dendrotricha* Hand.-Mazz.  
(Fr.23554) Fl. white; alpine ridges under scrub  
*Rhododendron*, 14,500 ft. Sd.coll.
- 22971 *Omphalogramma Souliei* Franch.  
(Fr.23572) Fl. deep indigo blue, large; alpine  
meadows, 14,500 ft. Sd.coll.
- 22972 *Primula serratifolia* Franch.  
(Fr.23571) Fl. yellow; alpine meadows, 14,500 ft. Sd.coll.
- 22973 *Gastanea mollissima* Bl.  
(Fr.23570) Tree 40 ft.; at Tsechung, 7,800 ft.
- 22974 *Rhododendron heliolepis*  
(Fr.23569) Shrub 6-8 ft.; in fir forest, 11,500 ft. Sd.coll.
- 22975 *Enkianthus deflexus* (Griff.) Schneid.  
(Fr.23568) Shrub 8 ft.; fl. pink; in fir forest,  
11,500 ft. Sd.coll.

## Rock Collections --

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 22976 *Evonymus tingens* Wall.  
(Fr.23567) Shrub 6-7 ft.; fl. white; in fir forest,  
11,500 ft. Sd.coll.
- 22977 *Lilium giganteum*  
(Fr.23566) 6 ft. tall; fl. white; in gulch of  
forests, 11,000 ft. Sd.coll.
- 22978 ~~*Greecharis*~~-~~sp.-4~~ *Ancylostemon*  
(Fr.23565) Fl. yellow; epiphytic on trees in  
forest, 11,000 ft. Sd.coll.
- 22979 *Rhododendron citriniflorum*  
(Fr.23564) Shrub 2 ft.; fl. yellow; alpine regions,  
14,000 ft. Sd.coll.
- 22980 *Rhododendron sanguineum* var.  
(Fr.23563) Shrub 2-3 ft.; fl. red; alpine regions,  
14,000 ft. Sd.coll.
- 22981 *Rhododendron citriniflorum*  
(Fr.23581) Shrub 3-4 ft.; fl. yellow; alpine  
regions, 14,000 ft. Sd.coll.
- 22982 *Rhododendron citriniflorum*  
(Fr.23580) Shrub 2-3 ft.; fl. pink; alpine regions,  
14,000 ft. Sd.coll.
- 22983 *Rhododendron sanguineum* var.  
(Fr.23579) Shrub 1-2-3 ft.; fl. red; alpine  
regions, 14,000 ft. Sd.coll.
- 22984 *Rhododendron sanguineum* var.  
(Fr.23578) Shrub 1-2 ft.; fl. reddish purple;  
alpine regions, 14,000 ft. Sd.coll.
- 22985 *Nomocharis* ~~sp.-2~~ *pardanthina* Fr.  
(Fr.23576) Fl. lavender pink; alpine regions,  
12,500 ft. Sd.coll.
- 22986 *Rhododendron ides*  
(Fr.23575) Shrub or small tree; 10 ft.; fl. white;  
alpine regions, 12,500 ft. Sd.coll.
- 22987 *Primula sikkimensis* Hook. forma  
(Fr.23574) Fl. yellow; alpine meadows "wet",  
12,500 ft. Sd.coll.
- 22988 *Primula silaensis* Petitm.  
(Fr.23573) Fl. purplish red; alpine on boulders,  
14,500 ft. Sd.coll.
- 22989 *Chionanthus retusa* Lindl. & Pax.  
(Fr.23577) Tree 20-30 ft.; fl. white; along Mekong,  
west banks, 9000 ft. Sd.coll.

## Rock Collections --

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 22990 *Diapensia purpurea* Diels fa. *albida* W.E. Ev.  
Cushion plant; fl. white; on boulders,  
14,500-15,500 ft.
- 22991 *Primula muscarioides* Hemsl.  
(Fr. 23582) Fl. dark blue; in alpine meadows,  
13,000-13,500 ft. Sd. coll.
- 22992 *Primula bella* Franch.  
Fl. blue; on boulders, alpine regions,  
14,500 ft.
- 22993 ~~*Lilium* or *Amaryllid.*~~ *Nomocharis spoliei* Sm. & Ev.  
(Fr. 23584) Fl. dark reddish purple; alpine  
meadows, 13,500 ft. Sd. coll.
- 22994 *Meconopsis* sp.?  
Fl. pale blue; alpine meadows,  
13,500 ft.
- 22995 *Aquilegia* sp. ? -- *oxysepala* Y. & M.  
(Fr. 23583) Fl. blue; alpine meadows, 11,000 ft. Sd. coll.
- 22996 *Rhododendron Beesianum*  
(Fr. 23518) Shrub 8-10 ft.; fl. pink; in fir  
forest, 12,500 ft. Sd. coll.
- 22997 *Rhododendron niphargum*  
(Fr. 23517) Shrub 6-8 ft.; leaves white beneath;  
fl. rich pink; in spruce forest,  
11,000 ft. Sd. coll.
- 22998 *Rhododendron eclecticum*  
(Fr. 23516) Shrub 3-4 ft.; fl. yellow; alpine  
regions, 13,500 ft. Sd. coll.
- 22999 *Rhododendron pagophilum*  
(Fr. 23515) Shrub 4-8 ft.; fl. pale pink to rose;  
in fir forest, 12,000 ft. Sd. coll.
- 23000 *Rhododendron desquamatum*  
(Fr. 23514) Tree 15-20 ft.; fl. purple-lavender;  
in spruce forest, 11,500 ft. Sd. coll.
- 23001 *Rhododendron repens*  
Prostrate plant; fl. carmine; over  
rocks and boulders, open alpine  
region, 14,500 ft.
- 23002 *Rhododendron trichocladum*  
(Fr. 23513) Fl. yellow (*Azalea*); shrub 2 - 2 1/2 ft.;  
alpine regions, 14,000 ft. Sd. coll.

## Rock Collections --

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 23003 *Rhododendron eclecteum* var. *brachyandrum*  
(Fr.23512) Shrub 3-4 ft.; fl. red; alpine  
regions, 14,000 ft. Sd.coll.
- 23004 *Rhododendron eclecteum*  
(Fr.23511) Shrub 3-4 ft.; fl. yellow; alpine  
region, 14,000 ft. Sd.coll.
- 23005 *Rhododendron eclecteum* var. *brachyandrum*  
(Fr.23510) Shrub 3-4 ft.; fl. purple; alpine  
region, 14,000 ft. Sd.coll.
- 23006 *Rhododendron eclecteum*  
(Fr.23509) Shrub 3-4 ft.; fl. yellow; alpine  
region, 14,000 ft. Sd.coll.
- 23007 *Rhododendron fulvoides*  
(Fr.23508) Shrub 6-8 ft.; fl. white; alpine  
region, 14,000 ft. Sd.coll.
- 23008 *Photinia Franchetiana* Diels  
(Fr.23507) Tree 10-15 ft.; fl. white; along  
Mekong, 7600 ft. Sd.coll.
- 23009 *Rhododendron floccigerum*  
(Fr.23506) Shrub 2-3 ft.; fl. red; alpine  
regions, 13,500 ft. Sd.coll.
- 23010 *Rhododendron chasmanthoides*  
Shrub 4-5 ft.; fl. white; spruce  
forest, 11,500 ft.
- 23011 *Rhododendron fulvum*  
(Fr.23505) Shrub 6 ft.; fl. white to pink;  
spruce forest, 12,500 ft. Sd.coll.
- 23012 *Deutzia purpurascens* Rehd.  
(Fr.23504) Fl. white; shrub 5 ft.; spruce  
forest, 12,500 ft. Sd.coll.
- 23013 *Diapeltis* (*Dipelta*-?) *yunnanensis* Franch.  
Shrub 5-6 ft.; fl. pink; in forests,  
11,000-12,000 ft.
- 23014 *Berneuxia tibetica*- *glaberrima* Decne  
(Fr.23502) Shrub several inches; fl. white;  
in forest shade, 11,000-12,000 ft. Sd.coll.
- 23015 *Sorbus oligodonta* (Cardot.) Hand.-Mazz.  
(Fr.23500) Tree 10-15 ft.; fl. pinkish;  
11,000-12,000 ft. Sd.coll.

Coll. No.

- 23016 *Rhododendron Forrestii*  
(Fr. 23499) Prostrate; fl. red; leaves purple  
beneath; 14,500 ft.
- 23017 *Rhododendron repens* var.  
(Fr. 23498) Prostrate; fl. deep red; alpine  
regions, 14,500 ft. Sd.coll.
- 23018 *Rhododendron fictolacteum*  
(~~Fr. 23497~~) Tree 15-20 ft.; fl. pinkish white;  
in fir forest, 12,500 ft. Sd.coll.
- 23019 *Rhododendron coryphaeum*  
(Fr. 23496) Tree 20-25 ft.; fl. white; in fir  
forest, 12,500 ft. Sd.coll.
- 23020 *Rhododendron floccigerum*  
(Fr. 23495) Shrub 3-4 ft.; fl. rich carmine;  
alpine regions, 13,500 ft. Sd.coll.
- 23021 *Rhododendron eclecticum* var. *brachyandrum*  
(Fr. 23494) Shrub 4-8 ft.; fl. reddish purple;  
above fir forest, 13,000 ft. Sd.coll.
- 23022 *Rhododendron pagophilum*  
(Fr. 23492) Shrub 3-4 ft.; fl. pink; above  
fir forest, 13,000 ft. Sd.coll.
- 23023 *Rhododendron selense*  
(~~Fr. 23491~~) Shrub 3-5 ft.; fl. pink; above fir  
forest, 13,000 ft. Sd.coll.
- 23024 *Rhododendron crinigerum*  
(Fr. 23490) Shrub 4-6 ft.; fl. pink; in fir  
forest, 12,500 ft. Sd.coll.
- 23025 *Rhododendron crinigerum*  
(Fr. 23489) Shrub 4-6 ft.; fl. white; in fir  
forest, 12,500 ft. Sd.coll.
- 23026 *Rhododendron rhaibocarpum*  
Shrub 5-8 ft.; fl. pink; in fir  
forest, 12,500 ft.
- 23027 *Rhododendron fulvoides*  
(Fr. 23488) Shrub 4-5 ft.; fl. pink; in fir  
forest, 12,500 ft. Sd.coll.
- 23028 *Rhododendron fulvoides*  
(Fr. 23487) Tree 20-25 ft.; fl. pink; in fir  
forest, 12,500 ft. Sd.coll.
- 23029 *Rhododendron floccigerum*  
Shrub 3-4 ft.; fl. red; in fir  
forest, 12,500 ft.

## Rock Collections --

Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 23030 *Rhododendron crinigerum*  
(Fr. 23485) Tree 10 ft.; fl. white and rose pink;  
in fir forest, 12,500 ft. Sd.coll.
- 23031 *Rhododendron megeratum*  
(Fr. 23483) Shrub 5-6 ft.; fl. yellow; alpine  
regions, among rocks, 13,500 ft. Sd.coll.
- 23032 *Rhododendron Martinianum*  
(Fr. 23482) Shrub 3 ft.; fl. pink; alpine  
regions, among rocks, 13,500 ft. Sd.coll.
- 23033 *Rhododendron (Thomsonii Ser.)*  
(Fr. 23481) Shrub 4 ft.; fl. rose colored; alpine  
regions, among rocks, 13,500 ft. Sd.coll.
- 23034 *Rhododendron*  
(Fr. 23480) Shrub 5-6 ft.; fl. white; fir forests,  
13,000 ft. Sd.coll.
- 23035 *Vaccinium viburnoides* Rehd. & Wils. (*V. creotrephe*  
(Fr. 23479) W.W.Sm.)  
1 - 1 1/2 ft.; fl. red; on boulders,  
14,500 ft. Sd.coll.
- 23036 *Rosa multiflora* Thbg.f. *platyphylla* Rehd. & Wils.  
Climber; fl. pink; along Mekong;  
cultivated by natives.
- 23037 *Fraxinus Paxiana* Lingelsh. var. *sikkimensis* Lingelsh.  
Tree 30 ft.; fl. cream colored; Mekong  
Valley near Tsechung.
- 23038 *Holboellia Fargesii* Reaul.  
(Fr. 23478) Fl. white; in forests along Mekong. Sd.coll.
- 23039 *Rhododendron chasmanthum*  
(Fr. 23477) Fl. lavender; in spruce forest, also  
pine forest, drier region, 10,000 ft. Sd.coll.
- 23040 *Rhododendron bullatum*  
(Fr. 23592) Shrub 6-8 ft.; fl. white; in spruce  
and fir forest, 12,500-13,000 ft. Sd.coll.
- 23041 *Primula lichiangensis* Forrest In fruit.  
(Fr. 23493) Fl. pale purple; along lateral water  
courses on banks of Mekong, 7,800 ft. Sd.coll.
- 23042 *Rosa odorata* Sweet var. *gigantea* (Collet) Rehd. & Wils.  
(Fr. 23519) Strong climber; fl. large, pale pink;  
along lateral water courses on banks  
of Mekong, 7,800 ft. Sd.coll.

Rock Collections --  
Western range of Mekong on Kaakerpo, Dokerla and  
Tsarung, contd.

Coll. No.

- 23043 *Rhododendron lukiangense*  
(Fr. 23591) Shrub 6-8 ft.; 10 ft.; fl. red; in  
spruce forest, 12,000 ft. Sd.coll.
- 23044 *Rhododendron desquamatum heliolepis* forma  
(Fr. 23590) Tree 10-15 ft.; fl. lavender purple;  
in spruce forest, 12,000 ft. Sd.coll.
- 23045 *Rhododendron*  
(Fr. 23589) Tree 10-20 ft.; fl. white; in spruce  
forest, 11,500 ft. Sd.coll.
- 23046 *Prunus conadenia* Koehne  
Tree 8-10 ft.; fl. white; in spruce  
forest, 11,500 ft.
- 23047 *Rhododendron floccigerum*  
(Fr. 23588) Shrub 3-4 ft.; fl. scarlet; alpine  
regions, 13,500 ft. Sd.coll.
- 23048 *Ribes Maximowiczii* Batal.  
Shrub 6-8 ft.; fl. reddish yellow;  
in fir forest, 12,500 ft.
- Collected west of the Mekong opposite Yeche, Mt. Kaakerpo,  
June, 1932.
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- 23049 *Lilium Willmettiae davidii* Diels  
(Fr. 23475) Fl. orange red, spotted black; in  
pine forest, 10,000 ft. Sd.coll.
- 23050 ~~Composite~~ *Cremanthodium campanulatum* Diels  
Fl. deep purple; on scree, alpine  
regions, 14,500 ft.
- 23051 *Geranium Delavayi* Fr.  
~~(Fr. 23466)-~~ Fl. purple; alpine meadows, 12,500-  
13,000 ft. Sd.coll.
- 23052 *Geranium veassavianum* ~~Franch.~~ *platypetalum* Fr.  
(Fr. 23464) Fl. pink; alpine meadows, 12,500-  
13,000 ft. Sd.coll.
- 23053 *Lactuca* ~~sp.?~~ *Delavayi* Fr.  
~~(Fr. 23447)-~~ Fl. purple; alpine meadows, 12,500-  
13,000 ft. Sd.coll.
- 23054 *Gorydalis delphinoides*  
~~(Fr. 23465)~~ Fl. yellow; alpine meadows, 12,000 ft. Sd.coll.
- 23055 *Meconopsis impedita* Prain  
(Fr. 23463) Fl. purple; in scree and among rocks,  
14,000 ft. Sd.coll.

Rock Collections --  
West of the Mekong opposite Yeche, Mt. Kaakerpo, contd.

23056

## Coll. No.

- 23056 *Saxifraga hirculus* L. var. *alpina* Engel.  
(Fr. 23446) Fl. yellow; on boulders, 14,000 ft. Sd. coll.
- 23057 *Lactuca graciliflora* DC.  
(Fr. 23471) Fl. yellow; meadows at 11,000 ft. Sd. coll.
- 23058 ~~*Groenlandia*~~ *Ancyllostemon*  
(Fr. 23455) Fl. yellow; on rocks and boulders,  
11,000 ft. Sd. coll.
- 23059 ~~*Groenlandia*~~ *Ancyllostemon*  
(Fr. 23456) Fl. yellow; on trees, epiphytic, in  
forests, 11,000 ft. Sd. coll.
- 23060 *Crepis paleacea* Diels  
(Fr. 23472) Fl. yellow; in meadows, 11,000 ft. Sd. coll.
- 23061 *Erigeron acer* L.  
(Fr. 23469) Fl. white; in meadows, 11,000 ft. Sd. coll.
- 23062 *Anemone vitifolia*-(~~er-near~~)- *japonica* S. & Z.  
(Fr. 23470) Fl. white, purplish tinge; in meadows,  
11,000 ft. Sd. coll.
- 23063 *Acer Campbellii* Hook. f. & Th. var. *yunnanense* Rehd.  
(Fr. 23473) Tree 10-25 ft.; 40 ft.; in forests,  
11,500 ft. Sd. coll.
- 23064 / *Euptelea pleiosperma* Hook. f. & Thoms.  
(Fr. 23474) ~~Undetermined, probably new--A. Rehder--(Euptelea-  
pteresperma-?)~~  
Tree 20-25 ft.; in gulches on open  
slopes, 9500 ft. Sd. coll.
- 23065 *Sorbus oligodonta* (Cardot) Hand.-Mazz.  
(Fr. 23468) Tree 20 ft.; alpine forests, 12,000 ft. Sd. coll.
- 23066 *Magnolia*  
30-40 ft.; alpine forests, 12,000 ft.
- 23067 ~~Compositae-~~ *Doronicum altaicum* Palla  
Fl. yellow; meadows, 11,000 ft.
- 23068 ~~Compositae-~~ *Cremanthodium reinforme* Benth  
Fl. yellow; meadows, 11,000 ft.
- 23069 *Aster*  
(Fr. 23449) Fl. purple; alpine meadows, 12,500 ft. Sd. coll.
- 23070 *Cremanthodium forrestii* J.F. Jeffrey v. *dentatum* var. nov.  
(Fr. 23460) Fl. yellow; alpine meadows and gravelly  
slopes, 13,000 ft. Sd. coll.
- 23071 *Hedysarum* cf. *sikkimense* Hk. f.  
Fl. purple; alpine meadows, 12,500 ft.

## Coll. No.

- 23072 *Aconitum multifidum*-*Reyle*-*rotundifolium* K. & K.  
(Fr. 23425) Fl. blue; alpine scree, 13,000 ft. Sd.coll.
- 23073 *Aconitum Kusnezoffii* Reichb.  
(Fr. 23451) Fl. dull blue; alpine scree, 13,000 ft. Sd.coll.
- 23074 *Hedysarum astragaloides* Benth. aff.  
(Fr. 23450) Fl. pale yellow; alpine scree, 13,000 ft. Sd.coll.
- 23075 *Gentiana*  
Fl. blue; alpine meadow, 13,000 ft.
- 23076 *Saxifraga melanocentra* Fr.  
(Fr. 23463) Fl. white; along water courses, 13,000 ft. Sd.coll.
- 23077 ~~Composite~~ *Tanacetum yunnanense* Fr.  
(Fr. 23437) See also 23476  
Fl. yellow; in meadows, 12,500 ft. Sd.coll.
- 23078 *Salix*  
(Fr. 23461) Shrub 1 ft. or less, on scree and  
gravel, 13,500 ft. Sd.coll.
- 23079 *Rhododendron achroanthum*  
(Fr. 23467) Fl. purple blue; among rocks, 13,500 ft. Sd.coll.
- 23080 *Delphinium likiangense*  
(Fr. 23457) Fl. blue; alpine meadows, 13,000 ft. Sd.coll.
- 23081 ~~Composite~~-*Oxygraphis delavayi* Fr.  
Fl. yellow; alpine meadows, 13,000 ft.
- 23082 ~~Antennaria~~ *Leontopodium Jacotianum* Beauverd  
(Fr. 23458) Fl. purple; alpine meadows, 13,000 ft. Sd.coll.  
*Draba oreades* Schrenk.
- 23083 / *Saxifraga nigreglandulosa*-*Engelm.*-&-*Irmisch.*-  
(Fr. 23459) Fl. yellow; on scree and rocks,  
13,500 ft. Sd.coll.
- 23084 Herb  
Fl. greenish purple; alpine meadow,  
12,500 ft.
- 23085 *Rhododendron fictolacteam*  
(Fr. 23453) Shrub 6-8 ft.; in fir forest, 13,000 ft. Sd.coll.
- 23086 *Delphinium*  
Fl. blue; alpine meadow, 12,500 ft.
- 23087 *Aconitum Kusnezoffii* Reichb.  
(Fr. 23454) Fl. purple; alpine meadow, 12,500 ft. Sd.coll.
- 23088 ~~Composite~~-*Saussurea polytrichoides* Hk.  
Fl. head purple; alpine meadow, 12,500 ft.

## Rock Collections --

West of the Mekong opposite Yeche, Mt. Kaakerpo, contd.

Coll. No.

- 23089 *Leontopodium*  
(Fr. 23448) Alpine meadows, 12,500 ft. Sd. coll.

Collected on the Mountains of Nakelo, east of Yuragan, Mekong-Salwin Divide, June, 1932.

- 23090 *Delphinium*  
(Fr. 23444) Fl. pale lavender; alpine meadows,  
13,500 ft. Sd. coll.
- 23091 *Pedicularis habachananensis*  
(Fr. 23426) Fl. purple; alpine meadows, 13,500 ft. Sd. coll.
- 23092 ~~*Silene*~~ *Lychnis nigrescens* Edgw.  
(Fr. 23423) Fl. purple and green; on cliffs,  
14,000 ft. Sd. coll.
- 23093 *Aconitum Kusnezoffii* Reichb.  
(Fr. 23445) Fl. bluish purple; at the foot of  
cliffs, 13,500 ft. Sd. coll.
- 23094 ~~*Aster*~~ *Saussurea*  
(Fr. ~~23428~~) Fl. purple; alpine meadows, 14,000 ft. ~~Sd. coll.~~
- 23095 *Codonopsis Bulleyana* Diels.  
(Fr. 23442) Fl. lavender blue, pale; alpine  
meadows, 14,000 ft. Sd. coll.
- 23096 *Meconopsis horridula* Hook. f. & Thoms.  
(Fr. 23416) Fl. pale blue; on scree, limestone,  
15,000 ft. Sd. coll.
- 23097 Composite  
Fl. yellow; on scree, limestone,  
15,000 ft.
- 23098 *Meconopsis speciosa* Prain  
(Fr. 23430) Fl. pale blue, leaves sinuate; on scree,  
14,500 ft. Sd. coll.
- 23099 ~~*Arenaria*~~ *Cerastium alpinum* Linn.  
(Fr. 23438) Fl. white; on scree, gravelly talus  
slopes, 15,000 ft. Sd. coll.
- 23100 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 23432) Fl. yellow; alpine meadows, 14,000 ft. Sd. coll.
- 23101 *Delphinium yunnanense*  
(Fr. 23421) Fl. blue; alpine meadows, 14,000 ft. Sd. coll.
- 23102 *Aster Delavayi* Fr.  
(Fr. ~~23414~~) Fl. pale purple; alpine meadows,  
14,000 ft. ~~Sd. coll.~~

Rock Collections -- Mts. of Nakelo, east of Yuragan, Mekong-Salwin Divide, contd. 23103

Coll. No.

- |       |  |   |           |
|-------|--|---|-----------|
| 23103 | Herb   | Fl. blue; alpine meadows, 14,000 ft.                        |           |
| 23104 | Potentilla eriocarpoides Krause  | Fl. pale yellow; on cliffs, 14,500 ft.                      |           |
| 23105 | Primula calliantha Franch. In fruit                                    | Fl. ?; alpine meadows, 13,500 ft.                           |           |
| 23106 | Labiata- Saussurea obvallata Wall.                                     | Fl. whitish blue; on alpine scree, 15,000 ft.               |           |
| 23107 | Corydalis benecincta WWSm.   | Fl. purplish red; on alpine scree, 15,000 ft.               |           |
| 23108 | Polygonum Forrestii Diels<br>(Fr. 23434)                               | Fl. white; on alpine scree, 15,000 ft.                      | Sd. coll. |
| 23109 | Sorbaria arborea Schneid.<br>(Fr. 23413)                               | Fl. cream-colored; oak and pine forest, 10,000 ft.          | Sd. coll. |
| 23110 | Gremanthodium rhocephalum Diels<br>(Fr. 23419)                         | Fl. lavender red; on alpine scree, 14,500 ft.               | Sd. coll. |
| 23111 | Potentilla <del>curviseta Hook. f.</del> ambigua Craib.<br>(Fr. 23429) | Fl. yellow; on alpine boulders, 14,500 ft.                  | Sd. coll. |
| 23112 | Senecio Chrysanthemum tatsienense Fr. (C. jugorum)<br>(Fr. 23420)      | Fl. orange; on alpine boulders and rocky slopes, 15,000 ft. | Sd. coll. |
| 23113 | Pedicularis macrocalyx Bonati<br>(Fr. 23436)                           | Fl. purple; alpine meadows, 14,000 ft.                      | Sd. coll. |
| 23114 | Pedicularis tseukuensis Bonati   | Fl. purple; alpine meadows, 14,000 ft.                      |           |
| 23115 | Cyananthus   | Fl. purplish lavender blue; on scree, 15,000 ft.            |           |
| 23116 | Pedicularis tseukensis Bonati<br>(Fr. 23435)                           | Fl. rose lavender; alpine meadows, 13,000 ft.               | Sd. coll. |
| 23117 | Aster Delavayi<br>(Fr. 23431)  | Fl. purple; alpine meadows, 13,000 ft.                      | Sd. coll. |
| 23118 | Lactuca Mulgedium<br>(Fr. 23417)                                       | Fl. purple; in alpine meadows, 12,500 ft.                   | Sd. coll. |

Rock Collections -- 23119  
 Mts. of Nakelo, east of Yuragan, Mekong-Salwin Divide, cont'd.

Coll. No.

- 23119 *Geranium Delavayi*  
 (~~Fr. 23418~~) Fl. pink; in alpine meadows,  
 12,500 ft. Sd. coll.
- 23120 *Parnassia Wightiana* Wall.  
 Fl. white; alpine meadows, 12,500 ft.
- 23121 *Liliac. pl.*  
 (Fr. 23412) Fl. lavender, red; 4-6 ft. tall;  
 alpine meadows, 12,500 ft. Bulblets  
coll.
- 23122 *Satureia umbrosa*  
 (Fr. 23433) Fl. lavender purple; alpine meadows,  
 14,500 ft. Sd. coll.
- 23123 *Potentilla macropetala* ~~Gordet~~ Concolor Rolfe  
 (Fr. 23428) Fl. yellow; alpine meadows, 12,500 ft. Sd. coll.
- 23124 ~~Fern~~- *Polystichum moupinense* (Fr.) Bedd.  
 On boulders; alpine region, 12,500 ft.
- 23125 *Orchis chusana* Don  
 Fl. purple; alpine meadows, 13,000 ft.
- 23126 *Pedicularis*  
 (Fr. 23439) Fl. purple; alpine meadows, 12,500 ft. Sd. coll.
- 23127 *Codonopsis*  
 (Fr. 23443) Fl. pale blue, bad odor; alpine  
 meadows, 12,500 ft. Sd. coll.
- 23128 *Cremanthodium mobile* ~~(Franch.) Diels~~ *bupleurifolium* WWSm.  
 (Fr. 23437) Fl. yellow; on scree, 15,000 ft. Sd. coll.
- 23129 *Saxifraga pallida* Wall. var.  
 (Fr. 23415) Fl. white; alpine swampy meadows,  
 15,000 ft. Sd. coll.
- 23130 *Corydalis calcicola* WWSm.  
 Fl. blue; on scree, 15,000 ft.
- 23131 *Labiata*  
 (Fr. 23441) Fl. purplish red; on scree, 15,000 ft. Sd. coll.
- 23132 *Trollius pamilus* ~~Don var. yunnanensis Franch.~~ *patulus* Ait.  
 (Fr. 23424) Yellowish-red; on scree, 15,000 ft. Sd. coll.
- 23133 *Meconopsis impedita* Prain  
 (Fr. 23440) Fl. purplish red; alpine meadows,  
 13,500 ft. Sd. coll.

Collected on the Mountains west of Kaakerpo in S.E. Tibet,  
Tsarong, west of Dokerla and Yundshi. May - June, 1932.

Coll. No.

- 23134 *Rhododendron eclecteum* var. *brachyandrum*  
(Fr. 23621) Fl. pinkish red; shrub 3-5 ft.;  
alpine regions, 13,500 ft. Sd. coll.
- 23135 *Rhododendron citriniflorum*  
(Fr. 23645) Shrub 2-3 ft.; fl. yellow; alpine  
regions, 13,500 ft. Sd. coll.
- 23136 *Rhododendron* (Selense-Thomsonii Series)  
(Fr. 23626) Shrub 1-2 ft.; fl. dark red; alpine  
regions, 13,500 ft. Sd. coll.
- 23137 *Rhododendron Beesianum*  
(Fr. 23625) Shrub 5-10 ft.; fl. white; in fir  
forest, 13,000 ft. Sd. coll.
- 23138 *Meconopsis impedita* Prain  
(Fr. 23606) Fl. dark purple; alpine meadows,  
14,000 ft. Sd. coll.
- 23139 *Ranunculus affinis* DC  
Fl. yellow; alpine meadows, 13,500 ft.
- 23140 *Rhododendron glaphyrum*  
(Fr. 23617) Shrub 2-3 ft.; fl. red; alpine regions,  
13,500 ft. Sd. coll.
- 23141 *Rhododendron* (Sanguineum Ser.)  
Shrub 2-4 ft.; fl. red; alpine regions,  
13,500 ft.
- 23142 *Rhododendron Beesianum*  
(Fr. 23619) Shrub 4 ft. or less; fl. purple;  
alpine regions, 13,500 ft. Sd. coll.
- 23143 *Rhododendron citriniflorum*  
(Fr. 23638) Shrub 2-3 ft.; fl. yellow; alpine  
regions, 13,500 ft. Sd. coll.
- 23144 *Herb. florum*  
Fl. white; cushion plant on boulders,  
15,000 ft.
- 23145 *Rhododendron flavorufum*  
(Fr. 23652) Shrub 4 ft.; prostrate, spreading;  
alpine regions, 14,000 ft. Sd. coll.
- 23146 ~~Galthe~~ *Trollius patulus*  
(Fr. 23655) Fl. yellow; wet meadows, 13,000 ft. ~~Sd. coll.~~
- 23147 *Pedicularis cephalanthax* Fr.  
(Fr. 23598) Fl. purple; alpine meadows,  
13,000 ft. Sd. coll.

## Rock Collections --

Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23148 Anemone  
Fl. purple beneath; alpine meadows,  
13,000 ft.
- 23149 Rhododendron (Sanguineum Ser.)  
Fl. dark red; alpine region, 14,000 ft.
- 23150 Rhododendron pronum  
2-3 ft., prostrate, spreading; alpine  
regions, 14,000 ft.
- 23151 Ilex yunnanensis Franch.  
(Fr. 23654) Shrub 4-5-6 ft.; fl. white; lower slopes,  
in valleys, 10,000 ft. Sd.coll.
- 23152 Rhododendron (Roxieanum - Taliense Series)  
(Fr. 23662) Shrub 4 ft.; fl. white; alpine regions,  
13,500 ft. Sd.coll.
- 23153 Rhododendron chryseum  
Shrub 1-2 ft.; fl. yellow; alpine  
regions, 13,500 ft.
- 23154 Prunus aff. P. latidentata sec. calyx pubescens  
Shrub 3-5 ft.; fl. pink; alpine  
regions, 13,500 ft. Sd.coll.
- 23155 Enkianthus deflexus (Griff.) Schneid.  
(Fr. 23667) Shrub 5-6 ft.; fl. brick red; open  
country, pine forest, 11,000 ft. Sd.coll.
- 23156 Pedicularis  
(Fr. 23594) Fl. purple; alpine meadows, 13,000 ft. Sd.coll.
- 23157 Potentilla purpurea Royle  
(Fr. 23603) Fl. red; alpine meadows, 13,000 ft. Sd.coll.
- 23158 Rosa omeiensis Rolfe  
(Fr. 23616) Fl. white; alpine meadows, 13,000 ft. Sd.coll.
- 23159 Evonymus clivicola W.W.Sm.  
Fl. red; in forest, 10,000 ft.
- 23160 Acer Forrestii Diels  
(Fr. 23612) Tree 15-35 ft.; fl. ?; in mixed  
forest, 11,500 ft. Sd.coll.
- 23161 Rosa ~~moyesii Hemsl. & Wils.~~ graciliflora Rehd. & Wils.  
(Fr. 23659) Shrub 4-5 ft.; fl. red; open regions,  
13,000 ft. Sd.coll.
- 23162 Populus  
Shrub tree 5-20 ft.; alpine valleys,  
13,000 ft.

Rock Collections --  
Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23163 Salix  
Shrub 6-10 ft.; alpine valleys,  
13,000 ft.
- 23164 Rhododendron cephalanthum  
Shrub 2-3 ft.; fl. white; among rocks,  
13,000 ft.
- 23165 Rhododendron taliense  
(Fr. 23661) Shrub 6 ft.; fl. white; alpine  
regions, 13,500 ft. ~~Sd. coll.~~
- 23166 Rhododendron haemaleum  
(Fr. 23639) Shrub 3-4 ft.; fl. dark carmine;  
alpine regions, 13,500 ft. Sd. coll.
- 23167 ~~Amaryllid-~~ ~~(Fr. 23611)~~ ~~(Fritillaria)~~ Nomocharis spoliei Sm. & Ev.  
(Fr. 23611) Fl. purplish red; alpine meadows,  
13,500 ft. ~~Sd. coll.~~
- 23168 ~~Orchid-~~ Nomocharis spoliei Sm. & Ev.  
Fl. yellow; in shade of fir forest,  
12,000 ft.
- 23169 Cypridium corrugatum Fr.  
Fl. purplish red; alpine meadows,  
12,000 ft.
- 23170 Corydalis  
(Fr. 23595) Fl. blue; alpine meadows, 12,500 ft. Sd. coll.
- 23171 Orchis chusana Don  
Fl. purple; on grassy slopes,  
10,500 ft.
- 23172 Corydalis  
Fl. pale reddish yellow; alpine  
meadows, 13,000 ft.
- 23173 Corydalis  
Fl. yellow; alpine meadows, 11,500 ft.
- 23174 Androsace  
Fl. pink; on boulders, alpine region,  
14,500 ft.
- 23175 Senecio  
(Fr. 23599) Fl. yellow; alpine regions; 13,000 ft. Sd. coll.
- 23176 Primula limbata Balf. f. et Franch.  
(Fr. 23604) Fl. ?; alpine meadows; 13,000 ft. Sd. coll.
- 23177 ~~Anemone-?~~ Paraquilegia microphylla Drumm & Hutch.  
Fl. lavender; on cliffs and boulders,  
14,000 ft.

Rock Collections --  
Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23178 *Sorbus oligodonta* (Cardot) Hand.-Mazz.  
(Fr. 23657) Shrub 6-8 ft., 10 ft.; fl. white;  
in fir forest, 12,000 ft. Sd.coll.
- 23179 *Sorbus oligodonta* (Cardot) Hand.-Mazz.  
(Fr. 23644) Tree 10 ft.; fl. red; in fir  
forest, 12,000 ft. Sd.coll.
- 23180 *Syringa yunnanensis* Franch.  
Shrub 6-8 ft.; fl. lavender pink;  
alpine regions, 13,000 ft.
- 23181 *Evonymus Monbeigii* W.W.Sm.  
Tree 15 ft.; fl. greenish; alpine  
regions, 12,000 ft.
- 23182 *Rhododendron proteoides*  
Shrub 1-2 ft.; fl. white; alpine  
regions among rocks, 14,000 ft.
- 23183 *Rhododendron eclectum*  
(Fr. 23632) Tree 10-15 ft.; fl. cream-colored;  
alpine region, 13,000 ft. Sd.coll.
- 23184 *Prunus micromeloides* Koehne  
Shrub 4 ft.; fl. white; alpine  
regions, 13,000 ft.
- 23185 *Salix*  
Shrub 4-6 ft.; in gulches at 11,000 ft.
- 23186 *Sorbus pteridophylla* Hand.-Mazz.  
Shrub 6-10 ft.; fl. white; in gulches  
at 11,000 ft.
- 23187 *Viburnum Veitchii* C.H.Wright  
(Fr. 23614) Shrub 5-6 ft.; fl. cream-colored;  
in gulches at 11,000 ft. Sd.coll.
- 23188 *Acer caudatum* Wall. var. *Georgei* Diels  
(Fr. 23668) Tree 25-30 ft.; in mixed forest,  
12,000 ft. Sd.coll.
- 23189 *Salix*  
Shrub 3-4 ft.; in mixed forest,  
in gulches, 13,000 ft.
- 23190 *Potentilla davurica*-Nestl.-*veitchii* Wils  
(Fr. 23665) Shrub 3 ft.; fl. white; alpine  
region, 13,500 ft. Sd.coll.
- 23191 *Rhododendron haemaleum*  
(Fr. 23622) Shrub 4 ft.; fl. black carmine;  
alpine region, 13,500 ft. Sd.coll.

## Rock Collections --

Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23192 *Rhododendron himertum*  
Shrub 4-5 ft.; fl. pink; alpine  
regions, 13,500 ft.
- 23193 *Rhododendron himertum*  
(Fr. 23635) Shrub 3 ft.; fl. yellow; alpine  
regions, 13,500 ft. Sd.coll.
- 23194 *Rhododendron temenium*  
(Fr. 23593) Shrub 2 ft.; fl. carmine; alpine  
regions, 13,500 ft. Sd.coll.
- 23195 *Evonymus Przewalskii* Maxim.  
Fl. red; shrub 2-3 ft.; in spruce  
forest, 11,000 ft.
- 23196 *Tilia paucicostata* Maxim. var. *yunnanensis* Diels  
Tree 25-30 ft.; in valleys, 11,000 ft.
- 23197 *Cornus macrophylla* Wall.  
Tree 10-20 ft.; fl. white; in valleys,  
11,000 ft.
- 23198 *Rhododendron campylogynum*  
(Fr. 23648) Shrub 1-2 ft.; fl. carmine, glaucous  
outside; alpine regions, 14,000 ft. Sd.coll.
- 23199 *Rhododendron temenium*  
(Fr. 23663) Shrub 2 ft.; fl. bright red; alpine  
regions, 14,000 ft. Sd.coll.
- 23200 *Rhododendron adenophorum*  
(Fr. 23660) Shrub 3-4 ft.; fl. white, pinkish  
tinge; alpine regions, 13,000 ft. Sd.coll.
- 23201 *Rhododendron haemaleum*  
(Fr. 23631) Shrub 1-2 ft.; fl. dark carmine;  
alpine regions, 13,500-14,000 ft. Sd.coll.
- 23202 *Salvia hians*  
(Fr. 23609) Fl. purple; alpine meadows; 13,500-  
14,000 ft. Sd.coll.
- 23203 *Allium-Lloydia tibetica* Baker var.  
Fl. white-pinkish; alpine meadows,  
13,500-14,000 ft.
- 23204 *Aquilegia oxysepala* ~~Frutv. & Mey.~~ *escalarata* Max?  
(Fr. 23610) Alpine meadows, 11,000 ft. Sd.coll.
- 23205 *Caitha-Froellium pumilus* Don  
Fl. yellow; in scree, 13,000 ft.
- 23206 *Primula vernicosa* Ward.  
Fl. white; in snow alpine meadows,  
14,000-15,000 ft.

## Rock Collections --

Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23207 Omphalogramma Souliei Franch.  
(Fr. 23618) Fl. large, deep indigo; alpine  
meadows, 14,000-15,000 ft. Sd. coll.
- 23208 ~~Liliac-~~plant Clintonia udensis T. & M.  
Fl. small white; in fir forest,  
12,500 ft.
- 23209 Primula calliantha Franch.  
(Fr. 23624) Fl. large; dark purple; on rocks,  
14,500 ft. Sd. coll.
- 23210 Rhododendron chryseum  
Shrub 2 ft.; fl. yellow; alpine  
region, 14,000 ft.
- 23211 Rhododendron saluenense aff.  
(Fr. 23627) Shrub 2 ft.; fl. large, purplish  
blue; alpine region, 14,000 ft. Sd. coll.
- 23212 Rhododendron sanguineum  
(~~Fr. 23637~~) Shrub 1 ft.; fl. dark carmine;  
alpine region, 14,000 ft. ~~Sd. coll.~~
- 23213 Nomocharis pardanthina Fr.  
(~~Fr. 23670~~) Fl. white, speckled; alpine meadows,  
12,500 ft. Sd. coll.
- 23214 Meconopsis impedita Prain  
(Fr. 23605) Fl. purple; alpine meadows, 13,000 ft. Sd. coll.
- 23215 Primula yargongensis Petitm.  
Fl. pale purplish blue; alpine  
meadows, 13,000 ft.
- 23216 Meconopsis horridula Hook. f. & Thoms.  
(Fr. 23597) Fl. pale purple to lavender blue;  
alpine rocky regions, 14,000 ft. Sd. coll.
- 23217 Primula amethystina Franch.  
(Fr. 23601) Fl. reddish purple; alpine rocky regions,  
14,000 ft. Sd. coll.
- 23218 Rhododendron saluenense  
(Fr. 23620) Fl. lavender; shrub 2-3 ft.; alpine  
rocky regions, 14,000 ft. Sd. coll.
- 23219 Rhododendron temenium  
(Fr. 23629) Fl. rich carmine; shrub 2-3 ft.;  
alpine rocky regions, 14,000 ft. Sd. coll.
- 23220 Rhododendron mekongense  
(Fr. 23615) Shrub 2 ft.; fl. yellow; alpine,  
14,000 ft. Sd. coll.

## Rock Collections --

Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23221 *Rhododendron saluenense* aff.  
(Fr. 23634) Shrub 2-3 ft.; fl. purple; alpine  
regions, 14,000 ft. Sd. coll.
- 23222 *Rhododendron sanguineum* var.  
(Fr. 23644) Shrub 2-3 ft.; fl. carmine; alpine  
regions, 14,000 ft. Sd. coll.
- 23223 *Rhododendron flavorufum*  
Shrub 4-5 ft.; fl. yellowish white;  
alpine regions, 14,000 ft.
- 23224 *Rhododendron haemaleum*  
(Fr. 23642) Shrub 2 ft.; fl. dark crimson; alpine  
regions, 14,000 ft. Sd. coll.
- 23225 *Rhododendron sanguineum* var.  
(Fr. 23646) Shrub 2 ft.; fl. red; alpine regions,  
14,000 ft. Sd. coll.
- 23226 *Potentilla leuceneta* Don. *peduncularis* Don  
(Fr. 23656) Fl. yellow; alpine meadow, 12,500 ft. Sd. coll.
- 23227 *Primula sikkimensis* Hook. forma  
(Fr. 23607) Fl. yellow; alpine meadow, 13,000 ft. Sd. coll.
- 23228 *Trollius pumilus* Don var. *yunnanensis* Franch.  
(Fr. 23608) Fl. yellow; alpine meadow, 13,000 ft. Sd. coll.
- 23229 *Rhododendron flavorufum*  
(Fr. 23651) Shrub 4-5 ft.; fl. white; alpine  
regions, 14,000 ft. Sd. coll.
- 23230 *Rhododendron glaphyrum*  
(Fr. 23643) Shrub 2-3 ft.; fl. bright red;  
alpine regions, 14,000 ft. Sd. coll.
- 23231 *Rhododendron cephalanthum*  
(Fr. 23633) Shrub 2 ft.; fl. white; alpine  
regions, 14,000 ft. Sd. coll.
- 23232 *Rhododendron chlanidotum*  
(Fr. 23647) Shrub 2-3 ft.; fl. yellow; alpine  
regions, 14,000 ft. Sd. coll.
- 23233 *Rhododendron haemaleum*  
(Fr. 23628) Shrub 2 ft.; fl. blackish carmine;  
alpine regions, 14,000 ft. Sd. coll.
- 23234 *Rhododendron sanguineum*  
(Fr. 23650) Shrub 2-3 ft.; fl. red; alpine  
regions, 14,000 ft. Sd. coll.

## Rock Collections --

Mts. west of Kaakerpo in S.E. Tibet, Tsarong, west of  
Dokerla and Yundshi, contd.

Coll. No.

- 23235 *Rhododendron eclectum* var. *brachyandrum*  
(Fr. 23630) Shrub 2-4-6 ft.; fl. red-purple;  
alpine regions, 14,000 ft. Sd. coll.
- 23236 *Rhododendron roseotinctum*  
(Fr. 23636) Shrub 3 ft.; fl. yellow-red; alpine  
regions, 14,000 ft. Sd. coll.
- 23237 *Rhododendron sanguineum*  
(Fr. 23641) Shrub 2-3 ft.; fl. carmine; alpine  
regions, 14,000 ft. Sd. coll.
- 23238 *Primula muscarioides* Hemsl.  
(Fr. 23596) Fl. blue; alpine meadows, 13,000 ft. Sd. coll.
- 23239 *Androsace*  
Fl. pink; on boulders, 14,000 ft.
- 23240 *Primula calliantha* Franch.  
(Fr. 23602) Fl. purple; alpine meadows, 13,000 ft. Sd. coll.
- 23241 *Primula calliantha* Franch. forma  
(Fr. 23600) Fl. purple-blue; alpine meadows,  
13,000 ft. Sd. coll.
- 23242 *Clematis Delavayi* Franch. var. *spinescens* Balf.f.  
(Fr. 23623) Shrub 1-2 ft.; fl. white; along  
streams at 9000 ft. Sd. coll.
- 23243 *Delphinium grandiflorum* Linn.  
Fl. blue; along streams at 9000 ft.
- 23244 *Rhododendron leucopetalum*  
(Fr. 23640) Shrub 2 ft.; fl. yellow; alpine  
region, 13,500 ft. Sd. coll.
- 23245 *Rhododendron* (Sanguineum-Taliense Series)  
(Fr. 23669) Shrub 2-3 ft.; fl. red; alpine  
region, 13,500 ft. Sd. coll.
- 23246 *Lilium taliense* Franch. *ducharteri* Fr. var. *farrere* Krause  
(Fr. 23613) Fl. pinkish; alpine meadows, 12,000 ft. Sd. coll.
- 23247 ~~Orchid~~ *Calanthe yunnanensis* Rolfe  
(Fr. 23658) Fl. pale yellow; along stream, 8000 ft. Sd. coll.
- 23248 *Herb*-- *Strobilanthes limprichtii* Diels  
Fl. pink; along stream, 12,500 ft.
- 23249 *Rhododendron heliolepis*  
(Fr. 23666) Tree 10-15 ft.; fl. purple lavender;  
in spruce forests, 11,000 ft. Sd. coll.
- 23250 *Rhododendron sanguineum*  
(Fr. 23649) Shrub 1-2 ft.; fl. yellow-red; alpine  
regions, 13,500 ft. Sd. coll.

Fruiting specimens collected at Fuchuan, August, 1932.

Coll. No.

23251	<i>Primula sikkimensis</i> Hook. See No. 22749.	Sd. coll.
23252	<i>Meconopsis impedita</i> Prain See No. 22698.	Sd. coll.
23253	<i>Meconopsis lancifolia</i> var. <i>solitariiflora</i> Fedde See No. 22699.	Sd. coll.
23254	<i>Meconopsis integrifolia</i> (Maxim.) Fr. See No. 22753.	Sd. coll.
23255	<i>Schima argentea</i> Pritz See No. 22752.	
23256	<i>Nomocharis</i> (not <i>Nomocharis pardanthina</i> Fr. ) See No. 22751. (not <i>Nomocharis pardanthina</i> Fr.)	Sd. coll.
23257	<i>Primula chlorodyras</i> W.W.Sm. See No. 22750.	Sd. coll.
23258	<i>Polygonum calostachyum</i> Diels See No. 22748.	
23259	<i>Polygonum calostachyum</i> Diels See No. 22747.	Sd. coll.
23260	<i>Rhododendron prunum</i> See No. 22746.	
23261	<i>Gentiana</i> See No. 22744.	Sd. coll.
23262	<i>Primula serratifolia</i> Franch. forma See No. 22743.	Sd. coll.
23263	<i>Omphalogramma minus</i> Hand.-Mzt. See No. 22742.	Sd. coll.
23264	<i>Cremanthodium larium</i> Hand.-Mazz. <i>campanulatum</i> Diels See No. 22741.	Sd. coll.
23265	<i>Pedicularis</i> See No. 22740.	Sd. coll.
23266	<i>Potentilla coriandrifolia</i> Don. See No. 22739.	Sd. coll.
23267	<i>Cremanthodium larium</i> Hand.-Mazz. <i>campanulatum</i> Diels See No. 22738.	Sd. coll.
23268	<i>Trollius pumilus</i> Don var. <i>yunnanensis</i> Franch. See No. 22737.	Sd. coll.

## Rock Collections --

23269

Fruiting specimens collected at Fuchuan, contd.

Coll. No.		
23269	<i>Pedicularis oxycarpa</i> Fr.?	Sd.coll.
	See No. 22736.	
23270	<i>Nardostachys grandiflora</i> DC.	Sd.coll.
	See No. 22735.	
23271	<i>Potentilla davurica</i> <del>Hook.</del> <i>veitchii</i> Wils	Sd.coll.
	See No. 22734.	
23272	<i>Potentilla fruticosa</i> <del>L. var. davurica</del> <i>Lehm.</i> <i>veitchii</i> Wils	Sd.coll.
	See No. 22733.	
23273	<i>Salvia</i> (not <i>Salvia hians</i> )	Sd.coll.
	See No. 22732.	
23274	<i>Diplarche multiflora</i> Hook. f. & Thoms.	Sd.coll.
	See No. 22731.	
23275	<i>Neillia affinis</i> Hemsl	Sd.coll.
	See No. 22729.	
23276	<i>Pedicularis</i>	Sd.coll.
	See No. 22728.	
23277	<i>Primula dryadifolia</i> Franch. In fruit (vix = 22723)	
	See No. 22723.	
23278	<del>Liana</del> <i>Actinidia venosa</i> Rehder?	
	See No. 22720.	
23279	<i>Deutzia rubens</i> Rehd.	Sd.coll.
	See No. 22719.	
23280	<i>Cremanthodium calciolum</i> W.W.Sm.	Sd.coll.
	See No. 22717.	
23281	<i>Potentilla stenophylla</i> (Franch.) Diels <i>microphylla</i> Don	Sd.coll.
	See No. 22724.	
23282	<i>Cremanthodium reniforme</i> Benth. (pappus very short)	Sd.coll.
	See No. 22726.	
23283	<i>Aster</i>	
	See No. 22727.	
23284	<i>Magnolia mollicomata</i> W.W.Sm.	Sd.coll.
	See No. 22694.	
23285	<i>Rhododendron coryphaeum</i>	
	See No. 22693.	
23286	<i>Meconopsis lancifolia</i> var. <i>solitariiflora</i> Fedde	Sd.coll.
	See No. 22697.	
23287	<i>Meconopsis Georgei</i> G.Tayl.	Sd.coll.
	See No. 22696.	

Rock Collections --  
Fruiting specimens collected at Fuchuan, contd.

Coll. No.

23288	<i>Meconopsis speciosa</i> Frain See No. 22695.	Sd.coll.
23289	<i>Cephalotaxus Fortunei</i> Hook. Tree 30-40 ft.; Mountains of Fuchuan, 9500-10,000 ft.; Sept. 1932.	Sd.coll.
23290	Composite Fl. ?; alpine meadows, 12,500 ft.; Mt. Fuchuan, Aug. - Sept. 1932.	Sd.coll.
23291	<i>Torreya Fargesii</i> Franch. Tree 50-60 ft.; Mts. of Fuchuan, 10,000 ft.	Sd.coll.
23292	<i>Saussurea</i> Fl. ?; alpine meadows of Fuchuan, 12,500 ft.; Aug. 1932.	Sd.coll.
23293	<i>Saussurea</i> Fl. purple; in alpine meadows; 13,000 ft.	Sd.coll.
23294	<i>Rhododendron chaetomallum</i> See No. 22713.	Sd.coll.
23295	<i>Rhododendron aperantum</i> See No. 22714.	
23296	<i>Rhododendron saluenense</i> See No. 22715.	
23297	<i>Pterocarya insignis</i> Rehd. & Wils. Tree. See No. 22716.	Sd.coll.
23298	<i>Pedicularis</i> See No. 22722.	Sd.coll.
23299	<i>Sorbus vilmorini</i> Schneid. See No. 22702.	Sd.coll.
23300	<i>Sorbus Rehderiana</i> Koehne See No. 22703.	
23301	<i>Rhododendron</i> ( <i>Heliopsis</i> Series) (not <i>Rhododendron</i> See No. 22704. <i>brevistylum</i> )	Sd.coll.
23302	<i>Rhododendron heliopsis</i> See No. 22705.	Sd.coll.
23303	<i>Rhododendron herpesticum</i> See No. 22706.	
23304	<i>Rhododendron chaetomallum</i> See No. 22708.	Sd.coll.

Coll. No.

23305	<i>Rhododendron chaetomallum</i> See No. 22709.	Sd.coll.
23306	<i>Rhododendron chaetomallum</i> See No. 22711.	Sd.coll.
<u>Collected on Pei-ma shan, eastern slopes Yangtze-Mekong Divide.</u>		
23307	<i>Rhododendron schizopeplum</i> See No. 22799.	Sd.coll.
23308	<i>Rhododendron Beesianum</i> See No. 22801.	Sd.coll.
23309	<i>Caragana jubata</i> Poiret See No. 22796.	Sd.coll.
23310	<i>Rhododendron ramosissimum</i> See No. 22803.	Sd.coll.
23311	<i>Caltha scaposa</i> Hook. See No. 22804.	Sd.coll.
23312	<i>Diapensia purpurea</i> Diels See No. 22805.	Sd.coll.
23313	<i>Caragana jubata</i> (Pall.) Poiret See No. 22802.	Sd.coll.
23314	<i>Rhododendron Wardii</i> See No. 22807.	Sd.coll.
23315	<i>Primula pulchella</i> Franch. See No. 22808.	Sd.coll.
23316	<i>Rhododendron scintillans</i> See No. 22809.	Sd.coll.
23317	<i>Rhododendron pycnocladum</i> See No. 22810.	Sd.coll.
23318	<i>Rhododendron schizopeplum</i> See No. 22849.	Sd.coll.
23319	<i>Rhododendron levistratum</i> See No. 22811.	Sd.coll.
23320	<del><i>Oxytropis yunnanensis</i></del> - <i>Astragalus nigrescens</i> Fr. See No. 22812.	Sd.coll.
23321	<i>Rhododendron agglutinatum</i> See No. 22814.	Sd.coll.

Rock Collections --  
Pei-ma shan, eastern slopes Yangtze-Mekong Divide.Coll. No.

23322	Rhododendron cephalanthum See No. 22815.	Sd. coll.
23323	<del>Thylacopanus</del> Arenaria polytrichoides Edgw. See No. 22817.	Sd. coll.
23324	Rhododendron agglutinatum See No. 22818.	Sd. coll.
23325	Rhododendron adenogynum (not Rhododendron See No. 22819. dryophyllum)	Sd. coll.
23326	Rhododendron Fargesii See No. 22820.	Sd. coll.
23327	Paeonia Delavayi Franch. See No. 22821.	Sd. coll.
23328	Rhododendron aganiphum See No. 22822.	Sd. coll.
23329	Astragalus acaulis Baker See No. 22827.	Sd. coll.
23330	Rhododendron cosmetum See No. 22823.	Sd. coll.
23331	Rhododendron aganiphum aff. See No. 22824.	Sd. coll.
23332	Rhododendron pleistanthum See No. 22825.	Sd. coll.
23333	Rhododendron aganiphum aff. See No. 22826.	Sd. coll.

Collected Mo-ting shan, east of Atuntze.

23334	Meconopsis integrifolia (Maxim.) Fr. See No. 22828,	Sd. coll.
23335	Primula dryadifolia Franch. See No. 22830.	Sd. coll.
23336	Thermopsis inflata alpina Ledeb. See No. 22831.	Sd. coll.
23337	Pedicularis habachanensis Bonati See No. 22832.	Sd. coll.
23338	Rhododendron schizopeplum See No. 22833.	Sd. coll.

Rock Collections --  
Mo-ting shan, east of Atuntze, contd.

Coll. No.

- |       |   |           |
|-------|---|-----------|
| 23339 | Berberis (not <i>Berberis aggregata</i> var. <i>Prattii</i> )<br>See No. 22835.   | Sd. coll. |
| 23340 | <i>Berberis heteropoda</i> Schrenk. -- Merrill determination<br><i>Berberis Jamesiana</i> Forr. & W.W.Sm. -- Ames determination<br>See No. 22836. | Sd. coll. |
| 23341 | <i>Primula lichiangensis</i> Forrest<br>See No. 22837.  | Sd. coll. |
| 23342 | <i>Aster alpinus</i> Linn sensu lat.<br>See No. 22839.  | Sd. coll. |
| 23343 | <i>Pedicularis</i><br>See No. 22840.  | Sd. coll. |
| 23344 | <i>Sedum venustum</i> Praeger<br>See No. 22842.   | Sd. coll. |
| 23345 | <del><i>Hyoscyamus</i></del> <i>Hyoscyamus niger</i> Linn.<br>See No. 22843.  | Sd. coll. |
| 23346 | <i>Calophaca crassicaulis</i> (Benth.) Komar.<br>See No. 22844.   | Sd. coll. |
| 23347 | <i>Primula sikkimensis</i> Hook.<br>Fl. ?; alpine regions of Mo-ting shan, 12,500 ft.; overlooking Yangtze northeast of Atuntze.                  | Sd. coll. |
| 23348 | <i>Primula secundiflora</i> Franch. probably<br>See No. 22845.  | Sd. coll. |
| 23349 | <i>Primula calliantha</i> Franch. forma<br>See No. 22846.   | Sd. coll. |
| 23350 | <i>Rhododendron levistratum</i><br>See No. 22847.   | Sd. coll. |
| 23351 | <i>Caryopteris trichosphaera</i><br>Fl. collected on Mo-ting shan, northeast of Atuntze, alpine meadows, 12,000 ft.                               | Sd. coll. |
| 23352 | <i>Prunus serrula</i> Franch.<br>Shrub 6-10 ft.; fl. ?; alpine regions of Mo-ting shan, 13,000 ft.  | Sd. coll. |
| 23353 | <i>Corydalis</i><br>Fl. yellow; alpine regions of Mo-ting shan, 13,000 ft.  | Sd. coll. |
| 23354 | <i>Potentilla eriocarpoides</i> Krause<br>Fl. yellow; alpine regions of Mo-ting shan, 13,000 ft.  | Sd. coll. |

Rock Collections --		100.
Mo-ting shan, east of Atuntze, contd.		23355
<u>Coll. No.</u>		
23355	<i>Rosa Davidii</i> Crep. Shrub 3-4 ft.; alpine regions of Mo-ting shan, 13,000 ft.	Sd.coll.
23356	<i>Corydalis fluminicola</i> W.W.Sm. Alpine regions of Mo-ting shan, on scree, 14,500 ft.	Sd.coll.
23357	<i>Cremanthodium thomsonii</i> <del>Clarke</del> <i>smithianum</i> H. -M. val aff Fl. yellow; along water courses, 13,000 ft.	Sd.coll.
23358	<i>Senecio</i> Fl. ?; among rocks, 14,000 ft.	Sd.coll.
23359	<i>Calophaca crassicaulis</i> (Benth.) Komar. See No. 22813.	Sd.coll.
23360	<i>Rhododendron mullense</i> See No. 22806.	Sd.coll.
23361	<i>Iris Delavayi</i> Mich. Fl. blue; alpine meadows, 12,500- 13,000 ft.	Sd.coll.
23362	<i>Sorbus hupehensis</i> Koehne See No. 22754.	Sd.coll.
23363	<i>Phlomis rotata</i> Benth. See No. 22756.	Sd.coll.
23364	<i>Lagotis</i> (not <i>Lagotis brevituba</i> Max.) See No. 22758.	Sd.coll.
23365	<i>Paraquilegia anemoides</i> (Willd.) <del>Uhr.</del> <i>microphylla</i> Drumm. & Hutch See No. 22759.	Sd.coll.
23366	<i>Rhododendron timetum</i> Shrub 2-3 ft.; fl. lavender; alpine regions of Pei-ma shan southeast of Atuntze, 13,000 ft.	
23367	<i>Arabicopsis himalaica</i> Schulz See No. 22761. Fl. yellow Alpine Meadow 12,000 ft.	Sd.coll.
23368	<i>Lonicera cyanocarpa</i> Franch. See No. 22765.	Sd.coll.
23369	<i>Rhododendron levistratum</i> See No. 22767.	Sd.coll.
23370	<i>Meconopsis lancifolia</i> Fr. var. <i>solitariiflora</i> Fedde See No. 22768.	Sd.coll.

Rock Collections --  
Mo-ting shan, east of Atuntze, contd.

101.  
23371

Coll. No.

23371	Rhododendron aganniphum See No. 22769.	Sd.coll.
23372	Primula lepta Balf.f. et Forrest probably See No. 22770.	Sd.coll.
23373	Calophaca polystichoides Hand.-Mazz. See No. 22772.	Sd.coll.
23374	Iris (not Iris tectorum Max.) See No. 22774.	Sd.coll.
23375	Sedum (not Sedum bupleuroides var. rotundatum See No. 22775. (Hemsl.) Frod.)	Sd.coll.
23376	Primula ingens W.W.Sm. et Forrest See No. 22776.	Sd.coll.
23377	Cotoneaster horizontalis Dene. See No. 22777	Sd.coll.
23378	Androsace spinulifera See No. 22778.	Sd.coll.
23379	Trollius pumilus Don. var. yunnanensis Franch. See No. 22779.	Sd.coll.
23380	Malus Rockii Rehd. See No. 22782.	Sd.coll.
23381	Prunus pubigera (Schneid.) Koehne See No. 22783.	Sd.coll.
23382	Acer tetramerum Pax. var. betulifolium (Maxim.) Rehd. See No. 22784.	Sd.coll.
23383	Incarvillea compacta Max. See No. 22785.	Sd.coll.
23384	Primula sinoplantaginea Balf.f. (not Primula minor See No. 22786. Balf. et Ward)	Sd.coll.
23385	Primula gemmifera Batal. subsp. zambalensis Petitm. See No. 22787.	Sd.coll.
23386	Primula russeola Balf.f. et Forrest probably See No. 22789.	Sd.coll.
23387	Primula leucochoa Hand.-Mzt. vel aff. In fruit. See No. 22790.	
23388	Primula sinoplantaginea Balf.f. probably See No. 22791.	Sd.coll.

Rock Collections --  
Mo-ting shan, east of Atuntze, contd.

23389

Coll. No.

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|-------|---|----------|
| 23389 | <i>Primula ingens</i> W.W.Sm. et Forrest<br>See No. 22792.  | Sd.coll. |
| 23390 | <i>Sorbus oligodonta</i> (Cardot) Hand.-Mazz.<br>See No. 22793.                                   | Sd.coll. |
| 23391 | <i>Salix</i><br>See No. 22794.  | Sd.coll. |
| 23392 | <i>Anemone sylvestris</i> L. ?<br>See No. 22795.  | Sd.coll. |
| 23393 | <del>Potentilla-sibbaldi-Hall</del> <i>Sibbaldia procumbens</i> Linn.<br>See No. 22797.           | Sd.coll. |
| 23394 | <i>Rhododendron levistratum</i><br>See No. 22798.   | Sd.coll. |
| 23395 | <i>Meconopsis integrifolia</i> (Maxim.) Fr.<br>See No. 22887.                                     | Sd.coll. |
| 23396 | <del>Myosotis-Hookeri-var.-?</del> <i>Chionocharis hookeri</i> (Clarke) Johnst.<br>See No. 22882. | Sd.coll. |
| 23397 | <i>Saussurea eriocephala</i> Diels<br>See No. 22883.  | Sd.coll. |
| 23398 | <i>Rhododendron mullense</i><br>See No. 22902.  | Sd.coll. |
| 23399 | <i>Meconopsis horridula</i> Hook.f. & Thoms.<br>See No. 22881.                                    | Sd.coll. |
| 23400 | <i>Rhododendron cephalanthum</i><br>See No. 22901.  | Sd.coll. |
| 23401 | <i>Rhododendron aganniphum</i> aff.<br>See No. 22897.   | Sd.coll. |
| 23402 | <i>Prenanthes umbrella</i> (Franch.) Babo.<br>See No. 22888.                                      | Sd.coll. |
| 23403 | <i>Gentiana</i><br>(not <i>Bergenia purpurascens</i> var.<br>Delavayi Engl.) See No. 22873.       | Sd.coll. |
| 23404 | <i>Larix Potaninii</i> Batal.<br>See No. 22900.   | Sd.coll. |
| 23405 | <i>Rhododendron aganniphum</i> var. <i>adenophyllum</i><br>See No. 22896.                         | Sd.coll. |
| 23406 | <i>Rhododendron dryophyllum</i><br>See No. 22895.   | Sd.coll. |

Rock Collections --  
Mo-ting shan, east of Atuntze, contd.

23407

Coll. No.

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|-------|---|-------------------|
| 23407 | Rhododendron (Fortunei Ser.)<br>Shrub 3-5 ft.; fl. ?; on Hung-po mountains; same location as No. 22856;<br>Nov. 1932. |                   |
| 23408 | Rhododendron caloxanthum<br>(not same as 22898) See No. 22898.  | Sd. coll.         |
| 23409 | Meconopsis horridula Hook.f. & Thoms.<br>See No. 22894.   | Sd. coll.         |
| 23410 | Meconopsis impedita Prain.<br>See No. 22880.  | Sd. coll.         |
| 23411 | Pedicularis<br>See No. 22875.   | Sd. coll.         |
| 23412 | (Liliac. plant)<br>See No. 23121.   | Bulblets<br>coll. |
| 23413 | Sorbaria arborea Schneid.<br>See No. 23109.   | Sd. coll.         |
| 23414 | Aster alpinus Linn. (sensu lat.)<br>(not Aster Delavayi Fr.) See<br>No. 23102.  | Sd. coll.         |
| 23415 | Saxifraga pallida Wall. var.<br>See No. 23129.  | Sd. coll.         |
| 23416 | Meconopsis horridula Hook.f. & Thoms.<br>See No. 23096.   | Sd. coll.         |
| 23417 | Mulgedium<br>See No. 23118.   | Sd. coll.         |
| 23418 | Geranium<br>(not Geranium Delavayi) See<br>No. 23119.   | Sd. coll.         |
| 23419 | Cremanthodium rhodocephalum Diels<br>See No. 23110.   | Sd. coll.         |
| 23420 | Chrysanthemum tatsienense Fr. (C. jugorum)<br>See No. 23112.  | Sd. coll.         |
| 23421 | Delphinium yunnanense<br>See No. 23101.   | Sd. coll.         |
| 23422 | Aster alpinus Linn. (sensu lat.)<br>(not Saussurea) See No. 23094.  | Sd. coll.         |
| 23423 | Lychnis nigrescens Edgw.<br>See No. 23092.  | Sd. coll.         |

Rock Collections --		104.
Mo-ting shan, east of Atuntze, contd.		23424
<u>Coll. No.</u>		
23424	Trollius pumilus Don var. yunnanensis Franch. See No. 23132.	Sd. coll.
23425	Aconitum multifidum Royle See No. 23072.	Sd. coll.
23426	Pedicularis habachananensis See No. 23091.	Sd. coll.
23427	<del>Composite</del> Cremanthodium decaisnei Clarke (not Tanacetum yunnanense Fr.) See No. 23077.	
23428	Potentilla macrosepala Cordot. See No. 23123.	Sd. coll.
23429	Potentilla <del>curviseta Hook. f.</del> ambigua Craib See No. 23111.	Sd. coll.
23430	Meconopsis speciosa Prain See No. 23098.	Sd. coll.
23431	Hypochoeris (not Aster Delavayi) See No. 23117.	Sd. coll.
23432	Meconopsis integrifolia (Maxim.) Fr. See No. 23100.	Sd. coll.
23433	Satureia umbrosa See No. 23122.	Sd. coll.
23434	Polygonum Forrestii Diels See No. 23108.	Sd. coll.
23435	Pedicularis See No. 23116.	Sd. coll.
23436	Pedicularis macrocalyx See No. 23113.	Sd. coll.
23437	Cremanthodium <del>nobile (Franch.)</del> Diels helianthus WWSm. See No. 23128.	Sd. coll.
23438	Cerastium alpinum Linn. See No. 23099.	Sd. coll.
23439	Pedicularis See No. 23126.	Sd. coll.
23440	Meconopsis impedita Prain See No. 23133.	Sd. coll.
23441	Labiata See No. 23131.	Sd. coll.

Rock Collections --		105.
Mo-ting shan, east of Atuntze, contd.		23442
<u>Coll. No.</u>		
23442	Codonopsis Bulleyana Diels See No. 23095.	Sd. coll.
23443	Codonopsis See No. 23127.	Sd. coll.
23444	Delphinium See No. 23090.	Sd. coll.
23445	Aconitum Kusnezoffii Reichb. See No. 23093.	Sd. coll.
23446	Saxifraga/nigroglandulosa Engl. & Irm. -L.-var.-alpina-Engelm. See No. 23056.	Sd. coll.
23447	Mulgedium (not Lactuca Delavayi Fr.) See No. 23053.	Sd. coll.
23448	Leontopodium See No. 23089.	Sd. coll.
23449	Aster brachytrichus Fr.? See No. 23069.	Sd. coll.
23450	Hedysarum astragiloides Benth. aff. See No. 23074.	Sd. coll.
23451	Aconitum Kusnezoffii Reichb. See No. 23073.	Sd. coll.
23452	Rhododendron Beesianum Shrub or tree 10-12 ft.; west of Yeche, Mt. Kaoker-bo; alpine regions, 14,000 ft., Nov. 1932.	Sd. coll.
23453	Rhododendron fictolacteum See No. 23085.	Sd. coll.
23454	Aconitum Kusnezoffii Reichb. See No. 23087.	Sd. coll.
23455	Ancylostemon See No. 23058.	Sd. coll.
23456	Ancylostemon See No. 23059.	Sd. coll.
23457	Delphinium likiangense See No. 23080.	Sd. coll.
23458	Leontopodium Jacotianum Beauverd See No. 23082.	Sd. coll.
23459	Saxifraga nigroglandulosa Engel. & Irmsch. See No. 23083.	Sd. coll.

Coll. No.

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|-------|--|-----------|
| 23460 | <i>Cremanthodium Forrestii</i> J.F. Jeffrey v. <i>dentatum</i> var. nov.<br>See No. 23070.                 | Sd. coll. |
| 23461 | <i>Salix</i><br>See No. 23078.   | Sd. coll. |
| 23462 | <i>Saxifraga nigroglandulosa</i> Engl. & Irm.<br>(not <i>Saxifraga melanocentra</i> Fr.)<br>See No. 23076. | Sd. coll. |
| 23463 | <i>Meconopsis impedita</i> Prain<br>See No. 23055.   | Sd. coll. |
| 23464 | <i>Geranium weesavianum</i> Franch. - <i>melanandrum</i> Fr.<br>See No. 23052.                             | Sd. coll. |
| 23465 | <i>Epilobium himalayense</i> Haussk.<br>(not <i>Corydalis delphinioides</i> )<br>See No. 23054.            | Sd. coll. |
| 23466 | <i>Geranium melanandrum</i> Fr. F. D. M.?<br>(not <i>Geranium Delavayi</i> Fr.)<br>See No. 23051.          | Sd. coll. |
| 23467 | <i>Rhododendron achroanthum</i><br>See No. 23079.  | Sd. coll. |
| 23468 | <i>Sorbus oligodonta</i> (Cardot) Hand.-Mazz.<br>See No. 23065.  | Sd. coll. |
| 23469 | <i>Erigeron</i><br>See No. 23061.  | Sd. coll. |
| 23470 | <i>Anemone vitifolia</i> (ex-near) - <i>japonica</i> S. & Z.<br>See No. 23062.                             | Sd. coll. |
| 23471 | <i>Lactuca Henryi</i> Dunn.<br>(not <i>Lactuca graciliflora</i> DC.)<br>See No. 23057.                     | Sd. coll. |
| 23472 | <i>Crepis paleacea</i> Diels<br>See No. 23060.   | Sd. coll. |
| 23473 | <i>Acer Campbellii</i> Hook. f. & Th. var. <i>yunnanense</i> Rehd.<br>See No. 23063.                       | Sd. coll. |
| 23474 | Undetermined, probably new - A. Rehder. ( <i>Euptelea pterosperma</i> Det. H.L. Mason ?)<br>See No. 23064. | Sd. coll. |
| 23475 | <i>Lilium Willmottiae</i><br>See No. 23049.  | Sd. coll. |
| 23476 | <i>Tanacetum yunnanense</i> Fr.<br>See No. 23077.  | Sd. coll. |

<u>Number</u>		
23477	Rhododendron chasmanthum See No. 23039	Sd. coll.
23478	Holboellia Fargesii Reaub. See No. 23038	Sd. coll.
23479	Vaccinium viburnoides Rehd. & Wils. (V. cerotrepes W. W. Sm.) See No. 23035	Sd. coll.
23480	Rhododendron crinigerum See No. 23034	Sd. coll.
23481	Rhododendron sp.? (Thomsonii Series) See No. 23033	Sd. coll.
23482	Rhododendron Martinianum See No. 23032	Sd. coll.
23483	Rhododendron megeratum See No. 23031	Sd. coll.
23484	Hibiscus trionum Herb; fl. yellow; on banks of Mekong at Tse Chung 7,000 ft.; Oct. 1932	Sd. coll.
23485	Rhododendron crinigerum See no. 23030	Sd. coll.
23486	Silene otadanta Franch. In pine forests of Tse chung on the Mekong; 7,000 ft.	Sd. coll.
23487	Rhododendron fulvoides See no. 23028	Sd. coll.
23488	Rhododendron fulvoides See no 23027	Sd. coll.
23489	Rhododendron crinigerum See no. 23025	Sd. coll.
23490	Rhododendron crinigerum See No. 23024	Sd. coll.
23491	Rhododendron timeteum (not Rhododendron Selense) See No. 23023	Sd. coll.
23492	Rhododendron pagophilum See No. 23022	Sd. coll.
23493	Primula obconica Hance forma See No. 23041	Sd. coll.
23494	Rhododendron eclesteum var. brachyandrum See no. 23021	Sd. coll.
23495	Rhododendron floccigerum See no. 23020	Sd. coll.

Number

23496	Rhododendron coryphaeum See No. 23019	Sd. coll.
23497	Rhododendron fulvoides (Not Rhododendron fictolacteum) See No. 23018	Sd. coll.
23498	Rhododendron repens var See No. 23017	Sd. coll.
23499	Rhododendron sp. See No. 23016	Sd. coll.
23500	Sorbus oligodonta (Cardot) Hand.-Mazz. See No. 23015	Sd. coll.
23501	<sup>gentilis Fr.</sup> Gentiana /sp-7/ fl. purple; on slopes in pine forest; 10,000 ft.; Mekong above Tsakan. Oct. 1932	
23502	Berneuxia <del>thibetica</del> - glaberrima Decne See No. 23014	Sd. coll.
23503	Siphonostegia chinensis Benth. fl. yellow See No. 22929	Sd. coll.
23504	Deutzia discolor Hemsl. See 23012	Sd. coll.
23505	Rhododendron fulvum See No 23011	Sd. coll.
23506	Rhododendron floccigerum See No. 23009	Sd. coll.
23507	Photinia Franchetiana Diels See No. 23008	Sd. coll.
23508	Rhododendron fulvoides See No. 23007	Sd. coll.
23509	Rhododendron eclecteum See No. 23006	Sd. coll.
23510	Rhododendron eclecteum var brachyandrum See No. 23005	Sd. coll..
23511	Rhododendron eclecteum See No. 23004	Sd. coll.
23512	Rhododendron eclecteum var. brachyandrum See No. 23003	Sd. coll.
23513	Rhododendron trichocladum See No. 23002	Sd. coll.
23514	Rhododendron desquamatum See No. 23002	Sd. coll.

Number

- 23515 *Rhododendron* sp.?-(Selense-Thomsonii (not *Rhododendron*  
Series) *pagophilum*)  
See No. 22999 Sd. coll.
- 23516 *Rhododendron* *eclectum*  
See No. 22998 Sd. coll.
- 23517 *Rhododendron* *niphargum*  
See No. 22997 Sd. coll.
- 23518 *Rhododendron* *Beesianum*  
See No. 22996 Sd. coll.
- 23519 *Rosa* *odorata* Sweet var. *gigantea* (Collet) Rehd. & Wils.  
See No. 23042 Sd. coll.
- 23520 *Rhododendron* *coryphaeum*  
See No. 22911 Sd. coll.
- 23521 *Rhododendron* *Beesianum*  
See No. 22915 Sd. coll.
- 23522 *Vaccinium* *Franch.* *Delavayi*  
See No. 22914 Sd. coll.
- 23523 *Silene* *esquamata* W.W. Sm.  
See No. 22928 Sd. coll.
- 23524 *Rhododendron* *sanguineum*  
See No. 22913 Sd. coll.
- 23525 *Primula* *Picrorrhiza?*  
See No. 22919 Sd. coll.
- 23526 *Rhododendron* *Primula*-(Roxieanum-Thomsonii Series)  
See No. 22918 Sd. coll.
- 23527 *Rhododendron* *Beesianum*  
See No. 22917 Sd. coll.
- 23528 *Rhododendron* *Beesianum*  
See No. 22916 Sd. coll.
- 23529 *Rhododendron* *sanguineum*  
See No. 22935 Sd. coll.
- 23530 *Rhododendron* *Beesianum* (not same as 22934)  
See No. 22934 Sd. coll.
- 23531 *Oxyria* *digyna* Hill  
See No. 22933 Sd. coll.
- 23532 *Anaphalis* *anaifolia* Hook.f.  
See No. 22931 Sd. coll.

<u>Number</u>		
23533	(Cruciferac.)	Pegaeophytum sinense (Hemsl) Hayak & H-M See No. 22925 Sd. coll.
23534	Pedicularis sp.?	habachananensis Bonati ? See No. 22924 Sd. coll.
23535	Acer Davidi	Franch. See No. 22923 Sd. coll.
23536	Caltha palustris	L. See No. 22922 Sd. coll.
23537	Nomocharis lophophora	Blaf. var. / <del>Lilium taliense Franch.</del> (L. Wardii)- See No. 22920 Sd. coll.
23538	Enkianthus deflexus	(Griff.) Schn. See No. 22946 Sd. coll.
23539	Sorbus hupehensis	Schneid. See No. 22944 Sd. coll.
23540	Rhododendron chryseum	 See No. 22943 Sd. coll.
23541	Artemisia sp.?	intricata Fr. ? See No. 22941 Sd. coll.
23542	Rhododendron proteoides	 See No. 22940 Sd. coll.
23543	Sorbus Helenae	Koehne f. rufidula Koehne See No. 22939 Sd. coll.
23544	Rhododendron croceum	 See No. 22936 Sd. coll.
23545	Rhododendron saluenense	 See No. 22958 Sd. coll.
23546	Rhododendron prostratum	 See No. 22957 Sd. coll.
23547	Sorbus hupehensis	Schneid. See No. 22955 Sd. coll.
23548	Rhododendron saluenense	 See No. 22954 Sd. coll.
23549	Primula serratifolia	Franch. See No. 22953 Sd. coll.
23550	Hackelia Dielsii	(Brand) Johnst. ? See No. 22950 Sd. coll.

RockCollections --  
Mo-ting shan. Contd.Number

23551	<i>Anemone narcissiflora</i> L. See No. 22949	Sd. coll.
23552	<i>Clematis gracilifolia</i> Rehd. & Wils. See No. 22948	Sd. coll.
23553	<i>Rhododendron hypolepidotum</i> (not same as 22947) See No. 22947	Sd. coll.
23554	<i>Cassiope dendrotricha</i> Hand.-Mazz. See No. 22970	Sd. coll.
23555	<i>Rhododendron fictolacteam</i> See No. 22969	Sd. coll.
23556	<i>Rhododendron saluenense</i> See No. 22968	Sd. coll.
23557	<i>Primula amathystina</i> Franch. See No. 22967	Sd. coll.
23558	<i>Primula calliantha</i> Franch. See No. 22966	Sd. coll.
23559	<i>Rhododendron cephalanthum</i> aff. See No. 22964	Sd. coll.
23560	<i>Rhododendron campylogynum</i> See No. 22962	Sd. coll.
23561	<i>Rhododendron poecilodermum</i> See No. 22961	Sd. coll.
23562	<i>Rhododendron iodes</i> See No. 22959	Sd. coll.
23563	<i>Rhododendron sanguineum</i> var. See No. 22980	Sd. coll.
23564	<i>Rhododendron citriniflorum</i> See No. 22979	Sd. coll.
22565	<i>Ancylostemon</i> See No. 22978	Sd. coll.
23566	<i>Lilium giganteum</i> See No. 22977	Sd. coll.
23567	<i>Euonymus tingens</i> Wall. See No. 22976	Sd. coll.
23568	<i>Enkianthus deflexus</i> (Griff.) Schneid. See No. 22975	Sd. coll.
23569	<i>Rhododendron heliolepis</i> See No. 22974	Sd. coll.

<u>Number</u>		
23570	<i>Castanea mollisma</i> Bl. See No. 22973	Sd. coll.
23571	<i>Primula serratifolia</i> Franch. See No. 22972	Sd. coll.
23572	<i>Omphalogramma Souliei</i> Franch. See No. 22971	Sd. coll.
23573	<i>Primula silaensis</i> Petitm. See No. 22988	Sd. coll.
23574	<i>Primula sikkimensis</i> Hook. forma See No. 22987	Sd. coll.
23575	<i>Rhododendron iodes</i> See No. 22986	Sd. coll.
23576	<i>Nomocharis pardanthina</i> Fr. See No. 22985	Sd. coll.
23577	<i>Chionanthus retusa</i> Lindl. & Paxt. See No. 22989	Sd. coll.
23578	<i>Rhododendron sanguineum</i> var. See No. 22984	Sd. coll.
23579	<i>Rhododendron sanguineum</i> var. See No. 22983	Sd. coll.
23580	<i>Rhododendron citriniflorum</i> See No. 22982	Sd. coll.
23581	<i>Rhododendron citriniflorum</i> See No. 22981	Sd. coll.
23582	<i>Primula muscarioides</i> Hemsl. See No. 22991	Sd. coll.
23583	<i>Aquilegia</i> See No. 22995	Sd. coll.
23584	<i>Fritillaria cirrhosa</i> Don. (not <i>Nomocharis spoliei</i> Sm. & Ev.) See No. 22993	Sd. coll.
23585	<i>Primula calliantha</i> Franch. See No. 22910	Sd. coll.
23586	<i>Rhododendron fictolacteum</i> (not <i>Rhododendron fulvum</i> ) See No. 22909	Sd. coll.

Number

23587	Rhododendron coryphaeum See No. 22908A	Sd. coll.
23588	Rhododendron floccigerum See No. 23047	Sd. coll.
23589	Rhododendron coriaceum See No. 23045?	Sd. coll.
23590	Rhododendron desquamatum See No. 23044	Sd. coll.
23591	Rhododendron lukiangense See No. 23043	Sd. coll.
23592	Rhododendron bullatum See No. 23040	Sd. coll.

Rock Collections Collected at Yundshi mountain. Oct-Nov. 1932

23593	Rhododendron temenium See No. 23194	Sd. coll.
23594	Pedicularis sp.? See No. 23156	Sd. coll.
23595	<del>Gorydalis sp.?</del> Aconitum rotundifolium K. & K. See No. 23170	Sd. coll.
23596	Primula muscarioides Hemsl. See No. 23238	Sd. coll.
23597	Meconopsis horridula Hook.f. & Thoms. See No. 23216	Sd. coll.
23598	Pedicularis sp.-2- habachananensis Bonati? See No. 23147	Sd. coll.
23599	Senecio See No. 23175	Sd. coll.
23600	Primula calliantha Franch. forma See No. 23241	Sd. coll.
23601	Primula amethystina Franch. See No. 23217	Sd. coll.
23602	Primula calliantha Franch. See No. 23240	Sd. coll.
23603	Potentilla purpurea Royle See No. 23157	Sd. coll.
23604	Primula limbata Balf.f. et Franch. See No. 23176	Sd. coll.

Number

23605	<i>Meconopsis impedita</i> Prain See No. 23214	Sd. coll.
23606	<i>Meconopsis impedita</i> Prain See No. 23138	Sd. coll.
23607	<i>Primula sikkimensis</i> Hook. forma See No. 23227	Sd. coll.
23608	<i>Trollius</i> <sup><i>patulus</i> Ait.</sup> <del><i>pumilus</i> Don var. <i>yunnanensis</i> Franch.</del> See No. 23228	Sd. coll.
23609	<i>Salvia</i> sp.? (not <i>Salvia hians</i> ) See No. 23202	Sd. coll.
23610	<i>Aquilegia oxysepala</i> Trautv. & Mey. See No. 23204	Sd. coll.
23611	<i>Fritillaria cirrhosa</i> Don. (not <i>Nomocharis spoiliei</i> Sm. & Ev.) See No. 23167	Sd. coll.
23612	<i>Aver Forrestii</i> Diels See No. 23160	Sd. coll.
23613	<del><i>Lilium taliense</i> Franch.</del> <i>Fritillaria cirrhosa</i> Don See No. 23246	Sd. coll.
23614	<i>Viburnum Veitchii</i> C. H. Wright See No. 23187	Sd. coll.
23615	<i>Rhododendron mekongense</i> See No. 23220	Sd. coll.
23616	<i>Rosa Omiensis</i> Rolfe See No. 23158	Sd. coll.
23617	<i>Rhododendron glaphyrum</i> See No. 23140	Sd. coll.
23618	<i>Omphalogramma Souliei</i> Franch. See No. 23207	Sd. coll.
23619	<i>Rhododendron Beesianum</i> ?? See No. 23142	Sd. coll.
23620	<i>Rhododendron saluenense</i> See No. 23218	Sd. coll.
23621	<i>Rhododendron eclecticum</i> var. <i>brachyandrum</i> See No. 23134	Sd. coll.

<u>Number</u>		
23622	Rhododendron haemaleum See No. 23191 limpritchii Wils.	Sd. coll.
23623	Clematis <del>belavayi</del> Franch. var. <del>spinescens</del> Balf.f. See No. 23242	Sd. coll.
23624	Primula callantha Franch. See No. 23209	Sd. coll.
23625	Rhododendron Beesianum See No. 23137	Sd. coll.
23626	Rhododendron sp. <sup>?</sup> (Selense-Thomsonii Series) See No. 23136	Sd. coll.
23627	Rhododendron saluenense aff. See No. 23211	Sd. coll.
23628	Rhododendron haemaleum See No. 23233	Sd. coll.
23629	Rhododendron temenium See No. 23219	Sd. coll.
23630	Rhododendron electeum var. brachyandrum See No. 23235	Sd. coll.
23631	Rhododendron haemaleum See No. 23201	Sd. coll.
23632	Rhododendron eclesteum See No. 23183	Sd. coll.
23633	Rhododendron cephalanthum See No. 23231	Sd. coll.
23634	Rhododendron saluenense aff. (not same as 23221) See No. 23221	Sd. coll.
23635	Rhododendron himertum See No. 23193	Sd. coll.
23636	Rhododendron roseotinctum See No. 23236	Sd. coll.
23637	Rhododendron sanguineum (not same as 23212) See No. 23212	Sd. coll.
23638	Rhododendron citriniflorum See No. 23143	Sd. coll.
23639	Rhododendron haemaleum See No. 23166	Sd. coll.

Number

23640	Rhododendron leucopetalum See No. 23244	Sd. coll.
23641	Rhododendron sanguineum See No. 23237	Sd. coll.
23642	Rhododendron haemaleum See No. 23224	Sd. coll.
23643	Rhododendron glaphyrum See No. 23230	Sd. coll.
23644	Sorbus oligodonta (Cardot) Hand.-Mazz. See No. 23179	Sd. coll.
23645	Rhododendron cintriniflorum See No. 23135	Sd. coll.
23646	Rhododendron sanguineum var. See No. 23225	Sd. coll.
23647	Rhododendron chlanifotum See No. 23232	Sd. coll.
23648	Rhododendron campylogynum See No. 23198	Sd. coll.
23649	Rhododendron sanguineum See No. 23250	Sd. coll.
23650	Rhododendron sanguineum See No. 23234	Sd. coll.
23651	Rhododendron flavorufum See No. 23229	Sd. coll.
23652	Rhododendron flavorufum See No. 23145	Sd. coll.
23653	Rhododendron flavorufum (Not Rhododendron himertum) See No. 23193	Sd. coll.
23654	Ilex yunnanensis Franch. See No. 23151	Sd. coll.
23655	Trollius (not Trollius patulus) See No. 23146	Sd. coll.
23656	Potentilla leuconota Don See No. 23226	Sd. coll.
23657	Sorbus oligodonta (Cardot Hand.- Mazz.) See No. 23178	Sd. coll.

Number

23658	Orchid sp.? See No. 23247	Sd. coll.
23659	Rosa moyesii Hemsl. & Wils.? See No. 23161	Sd. coll.
23660	Rhododendron adenophorum See No. 23200	Sd. coll.
23661	Rhododendron taliense (Not same as 23165) See No. 23165	Sd. coll.
23662	Rhododendron sp.?(Roxieanum Taliense Series) See No. 23152	Sd. coll.
23663	Rhododendron temenium See No. 23199	Sd. coll.
23664	Rhododendron sanguineum var. See No. 23222	Sd. coll.
23665	Potentilla davurica-Nestl. velitchii Wils. See No. 23190	Sd. coll.
23666	Rhododendron helirolepis See No. 23249	Sd. coll.
23667	Enkianthus deflexus (Griff.) Schn. See No. 23155	Sd. coll.
23668	Acer. caudatum Wall. var. Georgei Diels See No. 23188	Sd. coll.
23669	Rhododendron sp.?(Sanguineum - Taliense Series) See No. 23245	Sd. coll.
<u>23670</u>	Nomocharis sp.?(Not Nomocharis pardanthina Fr.) See No. 23213	Sd. coll.

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Collected in S. W. Szechuan, east of the Yalung on Muti Konka, (an hitherto unknown snow range) alpine reg. elev. 14,000-15,000 ft. May-June 1932 Mutirong, Territory of Muli.

- 23671 / Astragalus skythropus Bunge  
Leguminous plant. Fl. purplish pink; in alpine meadow 14,000 ft.  
yargonensis Petitm.
- 23672 Primula/sp.?- Fl. purplish red; in alpine meadow; 14,000 ft.

Number

- 23673 *Geranium* <sup>donianum Sweet</sup> ~~sp.?~~ Fl. pink; in alpine meadow; 14,000 ft.
- 23674 *Androsace spinulifera*  
(Fr. 24300) In alpine meadow, in gravel; 12000 ft. Sd. coll.
- 23675 *Primula sikkimensis* Hook. forma  
(Fr. 24301) Fl. yellow; in alpine meadows (wet);  
14,000 ft. Sd. coll.
- 23676 *Primula sikkimensis* Hook. forma  
(Fr. 24277) Fl. large yellow; in alpine, wet banks of  
lake; 14,000 ft. Sd. coll.
- 23677 *Potentilla fruticosa* var.  
Fl. deep yellow; in alpine meadows;  
14,500 ft.
- 23678 *Potentilla fruticosa davurica* Nestl.  
Fl. white; in alpine meadows; 14,500 ft.
- 23679 *Lilium hyacinthinum*  
(Fr. 24316) Fl. purple lavender; among scrub;  
12,000 ft. Sd. coll.
- 23680 *Didissandra* <sup>corrdatula</sup> ~~sp.?~~ Fl. deep blue; on rocks; 12,500 ft.
- 23681 *Primula bathangensis* Petitm.  
(Fr. 24293) Rare; fl. deep orange; alpine reg. in  
mixed forest; 12,500 ft. Sd. coll.
- 23682 *Primula pulchella* Franch.  
(Fr. 24291) Rare; fl. bluish purple; alpine reg.;  
12,500 ft. Sd. coll.
- 23683 *Liliac. plant*  
Fl. white; alpine meadows 12,500 ft.
- 23684 *Primula* ~~sp.?~~ *anisodora* Balf. f.  
Rare, new?; fl. dark blackish carmine  
wet alpine meadows; 12,500 ft.
- 23685 *Primula* ~~sp.?~~ *lepta* Balf. f. et Forrest vel aff.  
Fl. deep bluish purple; wet alpine  
meadows; 12,500 ft.
- 23686 *Primula* ~~sp.?~~ *anisodora* Balf. f.  
Fl. blackish red; wet alpine meadows;  
14,000 ft.
- 23687 *Primula* ~~sp.?~~ *conica* Balf. f. et Forrest  
Fl. pale blue; alpine meadows;  
14,000 ft.
- 23688 *Iris* sp.?  
(Fr. 24318) Fl. yellow spotted purple; alpine  
meadows; 14,000 ft. Sd. coll.

Number

- 23689 *Senecio* ~~sp.?~~ *altaicus* Sch.-Bip  
 Fl. yellow; alpine meadows; 14,000 ft.
- 23690 *Didissandra* ~~sp.?~~ *cordatula* Craib  
 Fl. blue; on rocks; 13,000 ft.
- 23691 *Rhododendron* *sigillatum*  
 (Fr.24314) Shrub 4-6 ft.; fl. white; alpine reg. in forests  
 of fire; fir? 13,000 ft. Sd. coll.
- 23692 *Primula* *septemloba* Franch.  
 (Fr.24313) Fl. wine colored; alpine reg. in forests;  
 13,000 ft. Sd. coll.
- 23693 *Rhododendron* *sphaeroblastum*  
 (24311) Fr. Shrub 3-5 ft.; fl. white; alpine reg. in forests;  
 13,000 ft. Sd. coll.
- 23694 *Rhododendron* *sphaeroblastum*  
 (Fr.24310) Tree 6-8 ft.; fl. white; prostrate spreading;  
 alpine reg. in forests; 13,000 ft. Sd. coll.  
*yargongensis* Petitm.
- 23695 *Primula* ~~sp.?~~ Fl. purplish red; alpine meadows; 12,600-13,  
 500 ft.
- 23696 *Primula* *lichiangensis* Forrest  
 (24297) Fl. pale blue purplish tinge; in spruce forest  
 12,000 ft. Sd. coll.
- 23697 *Sorbus* *Prattii* Koehne var. *tatsienensis* (Koehne) Schneid.  
 (Fr.24275) Shrub 8-10 ft.; fl. red; in spruce forest;  
 12,000 ft. Sd. coll.
- 23698 *Rhododendron* ~~sp.?~~ (Selense-Thomsonii Series)  
 (Fr.24322) Shrub 5-6 ft.; fl. white; spruce forest;  
 12,000 ft. Sd. coll.
- 23699 *Rhododendron* *sphaeroblastum*  
 (Fr.24280) Shrub 4-5 ft.; fl. white; spruce forest  
 12,000 ft. Sd. coll.
- 23700 *Rhododendron* *Beesianum*  
 (Fr. 24307) Small tree; 10 ft.; fl. pink; in forests of  
 spruce; 12,000 ft. Sd. coll.
- 23701 *Rhododendron* *desquamatum*  
 (24283) Shrub 6-10 ft.; fl. lavender; forests of  
 spruce; Sd. coll.
- 23702 *Rhododendron* *coccinopeplum*  
 (Fr.24299) Shrub 2 ft.; fl. pink; alpine scrub;  
 14,500 ft. Sd. coll.
- 23703 *Primula* *Prattii* Hemsl.  
 (Fr. 24286) Fl. lemon yellow; alpine reg.; 11,500 ft.  
 Sd. coll.

Number

- 23704 *Rhododendron agglutinatum*  
(Fr. 24302) Shrub 3-4 ft.; fl. white; alpine reg.  
13,000 ft. Sd. coll.
- 23705 *Rhododendron lampropeplum*  
(Fr. 24296) Shrub 2-3 ft.; fl. white; alpine reg.  
14,000 ft. Sd. coll.
- 23706 *Rhododendron phaeochrysum*  
(Fr. 24284) Shrub 4-8 ft.; fl. white; alpine reg.;  
11,000 ft. Sd. coll.
- 23707 *Xolisma villosa* (Wall.) Rehd.  
(Fr. 24279) Fl. white; shrub 4-5 ft.; alpine reg.;  
11,500 ft. Sd. coll.
- 23708 *Bletilla ochracea* Schltr.?  
/ Orchid-- Fl. red; on grassy slopes; 11,500 ft.
- 23709 *Tremacron Forrestii* Craib.  
(24273) Herb; fl. pale yellow; on boulders; in  
Fr. forests; 11,500 ft. Sd. coll.
- 23710 *Rhododendron agglutinatum*  
(Fr. 24306) Shrub 2-3 ft.; fl. white; in forests at  
12,000 ft. Sd. coll.
- 23711 *Meconopsis lancifolia* var. *solitariiflora* Fedde  
(Fr. 24305) Fl. deep blue purple in alpine gravel;  
14,000 ft. Sd. coll.
- 23712 *Rhododendron diacritum*  
(Fr. 24319) Fl. purplish blue; leaves minute; in  
alpine reg. 14,500 ft. Sd. coll.
- 23713 *Rhododendron acraium*  
(Fr. 24282) Shrub 2 ft.; fl. white; in alpine reg.;  
13,000 ft. Sd. coll.
- 23714 *Rhododendron aechmophyllum*  
(Fr. 24309) Fl. pink; in pine forest at 11,000 ft.  
Sd. coll.
- 23715 *Aster alpinus* Linn. (sensu lat.)  
Fl. purple-blue; in meadows; 10,000 ft.
- 23716 *Acer* <sup>pentaphyllum Diels</sup> ~~sp. 2 nov.?~~ Shrub or tree 20 ft.; in forests;  
11,000 ft.
- 23717 ~~Glimber-~~ *Cyanchum forrestii* Schltr? (not on list)  
Fl. purple; in forests; 11,000 ft.

- 23718 Herb- *Cyanthum forrestii* Schltr.  
Fl. red; in meadows; 10,000 ft.
- 23719 -Orchid-sp.? *Bletilla chinensis* Schltr?  
(Fr.24287) Fl. pink; in shade of spruce forest;  
11,500 ft. Sd. coll.
- 23720 *Rhododendron litangense*  
(Fr.24278) Shrub 1-2 ft.; fl. lavender blue; in  
spruce forest; 11,000 ft. Sd. coll.
- 23721 *Iris Delavayi* Mich.  
(Fr.24303) Fl. deep blue; in alpine meadows;  
14,000 ft. Sd. coll.
- 23722 *Rosa wilmottii* Hemsl.  
(Fr. 24292) Shrub 3-4 ft.; fl. small pink; in  
spruce forest 11,000 ft. Sd. coll.
- 23723 *Ligustrum* sp.? Shrub 5-6 ft.; fl. white; lower  
slopes; 10,000 ft.
- Bletilla ochracea* Schltr.?  
23724 / Orchid Fl. orange red; in forests in moss;  
(Fr.24290) lower slopes 10,000 ft. Sd. coll.
- 23725 *Vitex yunnanensis* W.W.Sm.  
(Fr.24298) 6-7 ft.; fl. white; near banks of Yalung, foot  
of Muti Konka; 7,000 ft. Sd. coll.
- 23726 *Primula* sp.?- *florida* Balf. f. et Forrest  
Fl. pale purple; in spruce forest;  
11,500 ft.
- 23727 *Tilia* sp.?- *chinensis* Maxim.  
Tree 15-20 ft.; fl. white; in gulches; 11,000 ft.
- 23728 *Clematis*/sp.?- *pagonandra* Maxim.  
Fl. purplish brown; in forests; 11,000 ft.
- 23729 *Primula* Fl. pale purplish; forests; 11,000 ft.
- 23730 *Primula malvacea* Franch.  
(Fr. 24288) Fl. white; on dry slopes in forest;  
11,500 ft. Sd. coll.
- 23731 *Primula pulchella* Franch.  
(Fr. 24289) Fl. purplish blue; dry slopes in forest;  
11,500 ft. Sd. coll.
- 23732 *Rhododendron radinum*  
(Fr.24321) Shrub 1-2 ft.; forming globose bushes;  
fl. pale pink; in dry pine forest;  
10,500 ft. Sd. coll.

## Rock Collections --

S. W. Szechuan, east of the Yalung on Muti Knoka. Contd.

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- 23733 *Bletilla hyacinthina* Rehb. f.  
(Fr. 24294) Fl. deep purple; in spruce forest;  
11,000 ft. Sd. coll.
- 23734 *Rhododendron spilanthum*  
(Fr. 24320) Shrub 2-3 ft.; fl. blue-purple; in  
spruce forests; 11,500 ft. Sd. coll.
- 23735 *Rhododendron agglutinatum*  
(Fr. 24295) Shrub 5-6 ft.; fl. white; in spruce  
forests; 11,500 ft. Sd. coll.
- 23736 *Rhododendron phaeochrysum*  
(Fr. 24317) Shrub 8-10 ft.; fl. white; in spruce  
forests; 11,500 ft. Sd. coll.
- 23737 *Rhododendron cephalanthoides*  
(Fr. 24285) Shrub 2-3 ft.; fl. white; in spruce  
forests; 11,500 ft. Sd. coll.
- Berberis daacensis* K. Mey. ? - Merrill determination
- 23738 *Berberis dictyophylla* Franch.  
(Fr. 24276) Shrub 2-3 ft.; fl. yellow; in spruce  
forests; 11,500 ft. Sd. coll.
- 23739 *Rhododendron Balfourianum* var. *aganniphoides*  
(Fr. 24281) Shrub 3 ft.; spreading; fl. pink;  
alpine reg. 14,000 ft. Sd. coll.
- 23740 *Rhododendron cephalanthoides* aff.  
(Fr. 24304) Shrub 2 ft.; fl. white; open places;  
11,000 ft. Sd. coll.
- 23741 *Cotoneaster apiculata* Rehd. & Wils.  
(Fr. 24308) Shrub 5 ft.; fl. pink; open places  
11,000 ft. Sd. coll.
- 23742 *Pedicularis* ~~sp.?~~ *rupicola* Fr.  
Fl. purple; alpine meadows; 13,500 ft.

## Rock Collections --

Collected in Muli Territory at Dzampe Sheren west of  
Wuato Gomba, 13,000-14,000 ft. - Eastern Muli.

- 23743 *Nomocharis lophophora* Balf. f.  
(Fr. 24342) Sd. coll.
- 23744 *Rhododendron sphaeroblastum*  
(Fr. 23745) Shrub 5-6 ft.; fl. white; among rocky  
slopes Sd. coll.

## Rock Collections --

Collected in Muli Territory at Dzampe Sheren west of  
Wuato Gomba, 13,000-14,000 ft. - Eastern Muli.

Number

- 23745 *Nardostachys grandiflora*-DC. *jatamansi* DC  
(Fr. 24347) Fl. purple; grassy slopes; 11,000 ft. Sd. coll.
- 23746 *Clematis* sp.? *pseudopogonandra* Fin. & Gagnep.  
Fl. purplish brown; in forests;  
11,000 ft.
- 23747 *Rheum Alexandrae*  
(Fr. 24346) In wet alpine reg.; 14,000 ft. Sd. coll.
- 23748 *Primula* sp.?- *yargongensis* Petitm.  
Fl. purplish blue; along water  
courses; 13,000 ft.
- 23749 *Parnassia mysorensis* Heyne  
Fl. white; grassy slopes; along water  
courses 13,000 ft.
- 23750 *Primula sikkimensis* Hook. Alpine form  
(Fr. 24348) Fl. yellow; wet alpine meadows;  
12,500 ft. Sd. coll.
- 23751 Herb  
Fl. pinkish yellow; in forests;  
10,000 ft.
- 23752 *Rhododendron croceum*  
(Fr. 24339) Shrub 5-6 ft.; fl. white; forests;  
11,000-12,500 ft. Sd. coll.
- 23753 *Primula muliensis* Hand.-Mzt.  
(Fr. 24327) Fl. pink lavender; in fir forest;  
13,000 ft. Sd. coll.
- 23754 *Cremanthodium calotum* Diels  
(Fr. 24330) Fl. yellow; alpine meadows;  
13,000 ft. Sd. coll.
- 23755 Liliac.-plant *Veratrum stenophyllum* Diels?  
Fl. yellow; in spruce forest and  
oaks; 11,500 ft.
- 23756 *Lilium* sp.? cf. *L. nepalense*  
Fl. white; in pine forests;  
10,000 ft.
- 23757 *Aster* sp.?-- *staticifolius* Fr.  
Fl. purplish blue; in pine forests;  
grassy slopes; 10,000-11,000 ft.

## Rock Collections --

Collected in Muli Territory at Dzampe Sheren west of  
Wuato Gomba, 13,000-14,000 ft. - Eastern Muli.

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Number

- 23758 *Pedicularis* sp.?-- *lachnoglossa* Var. *macrantha* Bonati  
(Fr. 24333) Fl. purple; on grassy slopes;  
11,000 ft. Sd. coll.
- 23759 *Veronica ciliata* Fisch.  
Fl. purple; in pine forests; grassy  
slopes, 11,000 ft.
- 23760 *Sibiraea laevigata* (L.) Maxim. var. *angustata* Rehd.  
(Fr. 24338) Shrub; fl. whitish pink; in alpine  
meadows; 13,000 ft. Sd. coll.
- 23761 *Iris nepolensis* Don. aff.  
Fl. deep purplish blue; alpine meadows  
wet; 13,500 ft.
- 23762 *Caragana jubata* (Pall.) Poir  
(Fr. 24328) Fl. yellow-pinkish tinge; shrub 2 ft.;  
alpine reg. among rocks; 14,500 ft. Sd. coll.
- 23763 *Pedicularis* sp.?- *superba* Fr.  
(Fr. 24329) Fl. purple; alpine meadows; , 14,000  
ft. Sd. coll.
- 23764 *Primula rupicola* Balf.f. et Forrest  
(Fr. 24326) Fl. blue; alpine meadows; 13,000 ft. Sd. coll.
- 23765 *Meconopsis* sp.? Fl. large; single dark purplish blue;  
alpine meadows; 14,500 ft.
- 23766 *Geranium* sp.?- *napalense* Sweet  
Fl. pale pink; rosa; alpine meadows; 14,500 ft.
- 23767 *Syringa yunnanensis* Franch.  
(Fr. 24349) Shrub 3-5 ft.; - 8 ft.; fl. pink, fragrant;  
in spruce forests; 12,000 ft. Sd. coll.
- 23768 *Iris polystachya* Diels  
(Fr. 24331) Fl. pale blue; meadows; 11,000-12,000  
ft. Sd. coll.
- 23769 *Primula pulchella* Franch.  
(Fr. 24341) Fl. blue; in pine and oak forest; open  
grassy slopes; 12,000 ft. Sd. coll.
- 23770 *Primula muliensis* cf *szechuanica*  
(Fr. 24334?) Fl. lavender pink; in moss in spruce  
and fir forest; 12,500-13,000 ft. Sd. coll.

Number

- 23771 Iris Delavayi Mich.  
(Fr. 24335) Fl. dark purple; in alpine meadows  
13,000 ft. Sd. coll.
- 23772 Rhododendron telmateium  
(Fr. 24336) Shrub 2 ft.; fl. purplish blue; alpine  
reg.; 14,500 ft. Sd. coll.
- 23773 Potentilla sp.?- eriocarpoides Krause  
Fl. yellow; alpine reg. among boulders;  
14,500 ft.
- 23774 Meconopsis horridula Hook.f. & Thoms.  
(Fr. 24345) Fl. purple; on rocky scree; 15,000 ft.  
Sd. coll.
- 23775 Herb- Rhabdothamnopsis sinensis Hemsl.  
Fl. pale yellow; alpine reg; 14,000-  
15,000 ft.
- 23776 Herb- Lesiocaryum trichocarpum (H.-M.) Johnst.  
Fl. red; alpine meadows; 14,000-15,000 ft.
- 23777 Myosotis sp.?- Microula myostidea (Franch.) Johnston  
In alpine meadows; 13,000 ft.
- 23778 Primula Pratii Hemsl.  
(Fr. 24312) Fl. yellow; dry clay slopes, back of  
Wuato Gomba 13,000 ft.
- 23779 Anemone sp.?- Adonis brevistyla Fr.  
Fl. white; in spruce forest; 11,000 ft.

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Collected south of Dzampe Sheren in Sagi Valley, June-July 1932.  
13,000 ft.

- 23780 Salvia flava Forrest  
(Fr. 24353) Fl. yellow; meadows; 13,000 ft. Sd. coll.
- 23781 Cardamine sp.?- macrophylla Willd.  
Fl. pink; in forests; 12,000 ft.
- 23782 Stellera sp.?- altaica Pers.  
Fl. pink; grassy slopes; 11,000 ft. Sd.
- 23783 Rhododendron sp.?- radinum  
Shrub 1-3 ft.; fl. white; alpine reg.  
12,500 ft.

Number

- 23784 *Rhododendron litangense*  
(Fr. 24369) Shrub 1-2 ft.; fl. blue alpine  
reg.; 12,500-13,000 ft. Sd. coll.
- 23785 *Rhododendron croceum*  
(Fr. 24368) Shrub 5-6 ft.; fl. yellow; in  
spruce forest; 13,000 ft. Sd. coll.
- 23786 *Iris Delavayi* Mich.  
(Fr. 24375) Fl. dark blue; alpine meadows;  
13,000 ft. Sd. coll.
- 23787 *Astragalus Balfourianus* Simpson?  
(Fr. 24354) Fl. purplish blue; alpine meadows  
13,000 ft. Sd. coll.
- 23788 *Sedum aizoon* Linn.  
Fl. yellow; alpine meadows; 13,000  
ft.
- 23789 *Saussurea centiloba* Hand.-Mazz.  
(Fr. 24357) Fl. purple; alpine meadows; 14,000  
ft. Sd. coll.
- 23790 *Rhododendron telmateium*  
(Fr. 24361) Shrub 1-2 ft.; fl. pale lavender  
blue; alpine region, 14,000 ft. Sd. coll.
- 23791 *Cotoneaster acutifolia* Turcz. var. *villosula* Rehd. & Wils.  
(Fr. 24367) Shrub 4-5 ft.; fl. pink; in open forests;  
12,000 ft. Sd. coll.
- 23792 *Iris sp. 2- delavayi* Mich.  
Fl. dark purple; alpine meadows; 13,000 ft.
- 23793 *Phlomis sp. 2-*  
Fl. pale pink; in spruce forest; 11,000 ft.
- 23794 *Primula sikkimensis* Hook. forma  
(Fr. 24364) Fl. yellow; in wet alpine meadows;  
13,000 ft. Sd. coll.
- 23795 *Primula sp. 2 secundiflora* Franch.  
Fl. reddish purple; in alpine meadows;  
13,000 ft.
- 23796 *Iris Delavayi* Mich.  
(Fr. 24355) Fl. dark purple blue; alpine meadows;  
13,000 ft. Sd. coll.
- 23797 *Spenceria ramalana*  
(Fr. 24371) Fl. yellow; meadows; 11,500 ft. Sd. coll.

Number

- 23798 *Pedicularis* sp.?  
(Fr. 24370) Fl. purple; in spruce forest;  
12,500 ft. Sd. coll.
- 23799 *Ajuga lupulina* Max.  
(Fr. 24362) Fl. pale lavender to white; in scree  
at 14,500 ft. Sd. coll.
- 23800 *Rosa Moyesii* Hemsl. & Wils.  
(Fr. 24376) Shrub 3-4 ft.; fl. red; in forest  
13,000 ft. Sd. coll.
- 23801 *Rhododendron agglutinatum*  
(Fr. 24359) Shrub 4-6 ft.; fl. white; in forest;  
13,000 ft. Sd. coll.
- 23802 *Rhododendron croceum*  
(Fr. 24360) Shrub 5 ft.; fl. yellow; in forest;  
13,000 ft. Sd. coll.
- 23803 *Rhododendron agglutinatum*  
(Fr. 24366) Shrub 2-3 ft.; fl. white; in forest  
13,000 ft. Sd. coll.
- 23804 *Primula gemmifera* Batal. subsp. *zambalensis* Petitm.  
(Fr. 24358) Fl. pale purple; in wet meadows;  
14,500 ft. Sd. coll.
- 23805 *Rhododendron agglutinatum* aff.  
Shrub 4-6 ft.; fl. white in spruce  
forest; 13,000 ft.
- 23806 *Rhododendron agglutinatum*  
(Fr. 24363) Shrub 4 ft.; fl. white; in spruce  
forest; 13,000 ft. Sd. coll.
- 23807 *Primula* sp.?- *lepta* Balf. f. et Forrest vel aff.  
Fl. blue; alpine meadows; 13,000 ft.

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Collected on Mt. Siga west and overlooking the Yalung River north  
of Karadi; 14,000-15,000 ft. May 1932

- 23808 *Rhododendron* sp.?- *agglutinatum*  
Shrub 3-4 ft.; fl. white; alpine regions.
- 23809 *Rhododendrons sigillatum*  
(Fr. 24403) Shrub 5-6 ft.; fl. white; alpine regions.  
Sd. coll.

Number

- 23810 *Rhododendron Balfourianum* var. *aganniphoides*  
(Fr. 24406) Shrub 5-6 ft.; fl. pink; alpine  
reg. 14,000 ft. Sd. coll.
- 23811 *Rhododendron Balfourianum* var. *aganniphoides*  
(Fr. 24382) Shrub 5-6 ft.; fl. pink; alpine  
reg.; 14,000 ft. Sd. coll.
- 23812 *Cornus macrophylla* Wall.  
(Fr. 24407) Tree 10-15 ft.; fl. white; in  
forests; 11,000 ft. Sd. coll.
- 23813 *Rosa Soulieana* Crep.  
(Fr. 24391) Shrub 6-8 ft.; Fl. white; in  
forests; 11,000 ft. Sd. coll.
- 23814 *Wikstroemia* sp.<sup>2</sup>- *penicillata* Rehd. var. *vel. aff.*  
Fl. yellow; dry slopes; 11,000 ft.
- 23815 *Philadelphus Delavayi* L. Henry  
(Fr. 24380) Shrub 4-5 ft.; 11,000 ft. Sd. coll.
- 23816 *Sedum yunnanense* Fr.  
(Fr 24379) Fl.? on cliffs and crags; 10,000 ft. Sd. coll.
- 23817 Herb *Epilobium angustifolium* Linn  
Fl. purple; meadows; 10,000 ft.
- 23818 *Rhododendron agglutinatum*  
(Fr. 24410) Shrub 8-10 ft.; fl. white; in spruce  
forest; 11,000 ft. Sd. coll.
- 23819 *Anemone* sp.<sup>2</sup>- *demissa* Hk. f. & Th.  
Fl. white; alpine meadows; 12,500 ft.

End of second book.

Mt. Siga, west and overlooking the Yalung, contd.

- 23830 Rhododendron Balfourianum var. aganniphoides  
Shrub 6-8 ft.; fl. red; alpine reg.  
14,000 ft. Sd. coll.
- 23831 Rhododendron Balfourianum var. aganniphoides  
(Fr. 24383) Shrub 6-8 ft.; fl. red; alpine reg.  
14,000 ft. Sd. coll.
- 23832 Primula sp.?- secundiflora Franch.  
Fl. purple; alpine meadows, 12,500 ft.
- 23833 Primula pulchella Franch.  
(Fr. 24399) Fl. bluish, purple; grassy slopes,  
11,000 ft. Sd. coll.
- 23834 Herb Morina chlorantha Diels  
(Fr. 24412) Fl. white; alpine meadows 12,000 ft. Sd. coll.
- 23835 Morina sp.?- bulleyana Tor. & Balf. f.  
Fl. purple; alpine meadows 12,000 ft.
- 23836 Primula sp.? sinoplantaginea Balf. f. forma  
Fl. purplish blue; alpine meadows  
12,000 ft.
- 23837 Primula szechuanica Pax.  
Fl. yellow; alpine meadows 12,000 ft. Sd. coll.
- 23838 Rhododendron sp.? agglutinatum  
Shrub 8 ft.; fl. white; alpine reg.  
13,000 ft.
- 23839 Rhododendron stictophyllum  
(Fr. 24385) Shrub 1-2 ft.; fl. blue; alpine reg.  
13,000 ft. Sd. coll.
- 23840 Primula sp.? leucochnoa Hand.-Mzt.  
Fl. purplish; blue alpine meadows  
12,500 ft.
- 23841 Legume- Thermopsis lanceolata R. Br.  
Fl. yellow; spruce forest open clearings,  
11,500 ft.
- 23842 Astragalus sinicus L.  
Fl. red; alpine meadows 13,500 ft.
- 23843 Ligustrum Delavayanum Harlot.  
(Fr. 24405) Shrub 4-5 ft.; fl. white; forested slope  
11,000 ft. Sd. coll.

Number

- 23844 *Cotoneaster Dielsiana* E. Pritz.  
(Fr. 24386) Shrub 3-4 ft.; fl. pink; forested  
slope 11,000 ft.
- 23845 *Potentilla fruticosa-davurica* Nestl.  
Fl. small yellow; open alpine reg.  
13,000 ft.
- 23846 *Sedum algidum* Ledeb.  
Fl. yellow; on cliffs and crags 13,000 ft.
- 23847 *Potentilla fruticosa-davurica* Nestl.  
Fl. cream colored; 13,000 ft.
- 23848 *Rhododendron sp.-praevernum*  
Tree 10-15 ft.; fl. pink, alpine reg.  
13,000 ft.
- 23849 *Anemone?*-- *Paraquilegia microphylla* Drumm. & Hutch.  
Fl. lavender; on cliff and crags 13,500 ft.  
*Berberis elegans* (Fr.) Schn. (B. amoina Dunn)
- 23850 *Berberis parvifolia* Sprague - Ames determination  
(Fr. 24392) Shrub 1 ft.; fl. yellow, open scrub  
11,000 ft.
- 23851 *Rhododendron timetum*  
(Fr. 24404) Shrub 4-6 ft.; fl. pink; forests  
13,000 ft. Sd. coll.
- 23852 Herb--- *Roscoea cauteleoides* Gagnep  
Fl. yellow; alpine meadows 12,000 ft.
- 23853 *Rhododendron sp.-?* *muliense*  
Shrub 2-3 ft.; fl. yellow; alpine  
meadows 13,500 ft.
- 23854 *Rhododendron aff. impeditum*  
(Fr. 24384) Shrub 2-3 ft.; fl. pink; alpine meadows  
13,500 ft. Sd. coll.
- 23855 *Calophaca polystichoides* Hand.-Mazz.  
(Fr. 24411) Shrub 1 ft.; fl. yellowish pink; alpine  
reg. 15,000 ft. Sd. coll.
- 23856 Herb  
Fl. pale blue-white; alpine meadows  
14,000 ft.
- 23857 *Potentilla sp.-?* *Coluria longifolia* Max. (C. elegans Card.)  
Fl. yellow; alpine meadows 13,500 ft.
- 23858 *Crucifer-* *Braya forrestii* WWSm.  
Fl. pink; alpine scree 15,000 ft.

Number

- 23859 Crucifer- *Draba yunnanensis* Fr.  
Fl. yellow; alpine scree 15,000 ft.
- 23860 *Primula yargongensis* Petitm.  
(Fr. 24378) Fl. pink; west alpine meadows 13,000 ft. Sd. coll.
- 23861 *Primula Viali* Franch.  
(Fr. 24408) Fl. blue; wet alpine meadows 13,000 ft. Sd. coll.
- 23862 *Primula Wardii*  
Fl. dark rose; alpine meadow 13,000 ft.
- 23863 *Pedicularis* sp.?- *labellata* Jacq.  
(Fr. 24398) Fl. purple; alpine meadows 13,000 ft. Sd. coll.
- 23864 *Trollius/pumilus*-~~Don~~-var.-*yunnanensis*-Franch.  
(Fr. 24409) Fl. yellow; alpine meadows 13,000 ft. Sd. coll.
- 23865 *Neillia* sp.?  
Fl. white; spruce forest 12,000 ft.
- 23866 Orchid- *Habenaria cordifolia* var. *bifoliata* Finet  
Fl. purplish red; spruce forest 12,000 ft.
- 23867 *Primula malvacea* Franch.  
(Fr. 24388) Fl. wine colored; spruce forest 12,000 ft. Sd. coll.
- 23868 *Meliosma cuneifolia* Franch.  
(Fr. 24393) Shrub 6-8 ft.; fl. cream colored; open glades 11,000 ft. to 12,000 ft. Sd. coll.
- 23869 *Acanthopanax evodiaefolius* Franch.  
(Fr. 24394) Shrub 5-8 ft; fl. white; open glades 11,000-12,000 ft. Sd. coll.
- 23870 *Lilium-lophophorum*-*Nomocharis lophophora* Balf. f.  
(Fr. 24377) Fl. yellow; alpine meadows 12,000 ft. Sd. coll.
- 23871 *Anemone* sp.?- *trullifolia* var. *coelestis* F. & G.  
Fl. white; alpine meadows 12,000 ft.
- 23872 *Primula pulchella* Franch.  
(Fr. 24396) Fl. blue; alpine meadows 12,000 ft. Sd. coll.
- 23873 *Cypripedium luteum*  
(Fr. 24390) Forest 11,500 ft. Sd. coll.

Number

- 23874 *Engelhardtia?* *Quercus cocciferoides* Hand.-Mazz.  
 Shrub 10-12 ft.; fl. yellowish green  
 lower slopes of Mt. Siga, 10,000 ft.
- 23875 *Primula Poissonii* Franch. subsp. *Wilsonii* Dunn.  
 (Fr. 24387) Fl. pink; alpine meadows 12,500 ft. Sd. coll.
- 23876 *Allium*-sp.? *Lloydia oxycarpa* Fr.  
 Fl. yellow; grassy slopes 12,500 ft.
- 23877 *Xolisma ovalifolia* (Wall.) var. *lanceolata* (Wall.) Rehd.  
 (24400) Shrub 5 ft.; fl. white; alpine reg.  
 12,500 ft. Sd. coll.
- 23878 *Cotoneaster buxifolia* Wall. var. *vellaea* Franch.  
 (Fr. 24389) Spreading shrub; fl. pink; alpine reg.  
 12,500 ft. on rock and boulder. Sd. coll.

Collected in the mountains of Yetsi, north  
 of Kulu, May 1932, Muli Territory

- 23879 *Primula Rockii* W.W.Sm.  
 (Fr. 24422) Fl. dark yellow; covering walls of rock  
 in Yetsi Valley 11,000 ft. Sd. coll.
- 23880 *Primula leucochnoa* Hand.-Mzt.  
 (Fr. 24437) Fl. purplish blue; alpine meadows  
 11,500 ft. Sd. coll.
- 23881 *Omaphalogramma vinciflorum* Franch.  
 (Fr. 24441) Fl. large deep indigo blue; alpine meadows  
 12,000 ft. Sd. coll.
- 23882 *Primula leucochnoa* Hand.-Mzt.  
 (Fr. 24438) Fl. purplish; alpine meadows 12,000 ft.  
 Sd. coll.
- 23883 *Malus baccata* Borkh. var. *himalaica* Schneid.  
 (Fr. 24427) Tree 15-20 ft.; fl. white; banks of  
 Yetsi Valley 10,000 ft. Sd. coll.
- 23884 *Primula* sp.? *Poissonii* Franch. subsp. *Wilsonii* Dunn.  
 Fl. purplish red; banks of Yetsi Valley  
 10,000 ft.
- 23885 *Aquilegia oxysepala*-Trautv.-&-Mey. *flabellata* S. & Z.  
 (Fr. 24428) Fl. purplish red; among trees Yetsi Valley  
 10,000 ft. Sd. coll.

## Rock Collections --

Collected in the mountains of Yetsi, north  
of Kulu, May 1932, Muli Territory

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Number

- 23886 *Primula leucochnoa* Hand. Mzt.  
(Fr. 24436) Fl. purplish blue; among trees Yetsi Valley  
10,000 ft. Sd. coll.
- 23887 *Rhododendron* sp.? *decorum* forma  
(Fr. 24433) Shrub 5 ft.; fl. white; among (word in here  
which cannot be read) trees at 11,000 ft. Sd. coll.
- 23888 *Viburnum betulifolium* Batal.  
(Fr. 24431) Shrub 5-6 ft.; fl. white; among (word in here  
which cannot be read) trees at 11,000 ft. Sd. coll.
- 23889 *Spiraea ovalis* Rehd.  
(Fr. 24426) Shrub 5-6 ft.; fl. white; among (word in here  
which cannot be read) trees at 11,000 ft. Sd. coll.
- 23890 *Rhododendron radinum*  
(Fr. 24439) Shrub 2 ft.; fl. globose heads pinkish white;  
pine forests dry slopes 11,500 ft. Sd. coll.
- 23891 *Primula Cockburniana* Hemsl.  
(Fr. 24420) Fl. yellow; to orange; alpine meadows  
10,000 ft. Sd. coll.
- 23892 *Primula leucochnoa* Hand.-Mzt.  
(Fr. 24425) Fl. purplish blue, alpine meadows 10,000  
ft. Sd. coll.
- 23893 *Omphalogramma* sp.? *vinciflorum* Franch.  
Fl. deep indigo blue; alpine meadows 12,500  
ft.
- 23894 *Euonymus* sp.? *porphyrea* Loes.  
(Fr. 24430) Shrub 3-4 ft.; fl. red; alpine meadows  
12,500 ft. Sd. coll.
- 23895 *Rhododendron* sp.? (Selense-Thomsonii Series)  
(Fr. 24440) Shrub 6-8 ft.; fl. pinkish; alpine meadows,  
13,000 ft. Sd. coll.
- 23896 *Rubus stans* Focke  
(Fr. 24429) Fl. white; shrub; 2-3 ft.; alpine meadows,  
13,000 ft. Sd. coll.
- 23897 *Prunus serrula* Franch. var.  
(Fr. 24419) Shrub or small tree 6-10 ft.; fl. pink; alpine  
meadows, 13,000 ft. Sd. coll.

- Number
- 23898 Legume-- *Thermopsis alpina* Ledeb.  
Fl. yellow; alpine meadows 13,000 ft.
- 23899 *Rhododendron* sp. ? *hormophorum*  
Shrub 4-6 ft.; fl. lavender; spruce  
forest 11,500 ft.
- 23900 Liliac-plant-- *Clintonia udensis* T. & M.  
Fl. white; mossy spruce and fir forest  
12,500 ft.
- 23901 Labiate  
Fl. purple; alpine meadows 13,000 ft.
- 23902 *Evonymus nanoides* Loes & Rehd.  
(Fr. 24435) Shrub 8-10 ft.; fl. white; along  
Yetsi stream 10,000 ft. Sd. coll.
- 23903 *Senecio* sp. ?  
Fl. yellow; alpine meadows 11,500 ft.
- 23904 *Primula* sp. ?-- *leucochnoa* Hand.-zt. vel aff.  
Fl. purplish blue; alpine meadows 11,500 ft.
- 23905 *Rhododendron heliolep*  
Tree 10 ft.; fl. purple; spruce forests  
12,000 ft.
- 23906 *Rhododendron sigillatum*  
(Fr. 24418) Shrub or tree 10-15 ft.; fl. white; spruce  
forests 13,000 ft. Sd. coll.
- 23907 *Pedicularis* sp. ? *versicolor* Wahl.  
(Fr. 24423) Fl. purple; alpine meadows 12,000 ft.  
Sd. coll.
- 23908 *Rhododendron vernicosum*  
(Fr. 24434) Tree 10-15 ft.; fl. pink; spruce forest  
12,000 ft. Sd. coll.
- 23909 *Incarvillea grandiflora* var. *brevipes* Sprague  
(Fr. 24434) Fl. rich red; meadows 12,000 ft. Sd. coll.
- 23910 *Rhododendron timeteum*  
(Fr. 24421) Shrub 3-4 ft. - 6 ft.; fl. pale bluish  
pink; pine forests 11,000 ft. Sd. coll.
- 23911 *Berberis diaphana* Maxim  
(Fr. 24416) Shrub 3-4 ft.; fl. yellow; pine forests  
11,000 ft. Sd. coll.
- 23912 ~~Crucifer~~ *Cardamine microzygia* Schuls (an *C. prattii* Hemsl.?)  
Fl. white; alpine meadow 12,000 ft.
- 23913 *Caltha* sp. ? *scapoza* Hk. f. & Th. var.  
Fl. yellow; alpine meadow 12,000 ft.

Number

- 23914 *Primula Wardii*- *yargongensis* Petitm.  
Fl. pink; wet alpine meadows 12,500 ft.
- 23915 *Stellera chamaejasme* L.  
(Fr. 24415) Fl. yellow; meadows 10,000 ft. Sd. coll.
- 23916 *Primula secundiflora* Franch.  
(Fr. 24417) Fl. purple; wet alpine meadows  
12,500 ft. Sd. coll.

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Collected in the mountains of Kulu, Muli Territory, elev. 13,000 ft.  
S. W. Szechuan

- 23917 *Androsace spinulifera*  
(Fr. 24444) Fl. pink; meadows. Sd. coll.
- 23918 *Myosotis*-sp.-? *Hackelia Dielsii* -det. Johnston  
Fl. blue; forests, 12,000 ft.
- 23919- *Lonicera* sp.-? *saccata* Rehd. f. *Wilsoni* Rehd.  
Shrub 2 ft.; Fl. yellow; forests  
12,000 ft.
- 23920 *Acer* sp.-? *Forrestii* Diels  
Tree 10-15 ft.; in (mixed) forests  
12,000 ft.
- 23921 *Caltha* sp.-? *scaposa* Hk. f. & Th. var.  
Fl. yellow; alpine meadows 12,500 ft.
- 23922 *Rhododendron* sp.-? (Fortunei Series)  
(Fr. 24458) Shrub 6-8 ft.; tall; fl. white to  
pinkish; 13,000 ft. Sd. coll.
- 23923 *Carpinus*-sp.-? *Betula utilis* D. Don var. *Prattii* Burk.  
Tree 15 ft.; fir forest 13,500 ft.
- 23924 *Lonicera thibetica* Bur. & Franch.  
(Fr. 24452) Shrub 2-3 ft.; fl. pink; fir forest 13,500  
ft. Sd. coll.
- 23925- *Rhododendron blepharocalyx*  
(Fr. 24446) Shrub 1-3 ft.; fl. small pale blue;  
alpine meadows 13,500 ft. Sd. coll.
- 23926 *Rhododendron impenitum*  
(Fr. 24460) Shrub 1-2 ft.; fl. dark blue; alpine  
meadows 13,500 ft. Sd. coll.

Number

- 23927 *Androsace* sp.? Fl. pink; on rocks, alpine meadows  
13,500 ft.
- 23928 *Primula* sp.?-- *amethystina* Franch. subsp. *brevifolia* Forrest  
Fl. purplish blue; alpine meadows  
14,500 ft.
- 23929 *Clematis* ~~*montana*~~? *graciliflora* Rehd. & Wils.  
Fl. white; forests at 12,500 ft.
- 23930 *Incarvillea* sp.? Fl. deep purplish red; alpine meadows  
12,000 ft.
- 23931 Crucifer; Fl. yellow; alpine meadows 12,000 ft.
- 23932 *Prunus serrula* Franch. var. *tibetica* (Batal.) Koshne  
(Fr. 24448) Shrub 8-10 ft.; fl. white; fir forest  
13,000 ft. Sd. coll.
- 23933 *Rhododendron* sp.? (Selense-Thomsonii Series)  
(Fr. 24471) Shrub or tree 4-10 ft.; fl. white;  
13,000 ft. Sd. coll.
- 23934 *Primula leucochnoa* Hand.-Mzt vel. aff.  
(Fr. 24447) Fl. purple; alpine meadows 13,000 ft.  
Sd. coll.
- 23935 *Ribes tenue* Jancz.  
(Fr. 24450) Shrub 5-6 ft.; fl. reddish yellow;  
13,000 ft. Sd. coll.
- 23936 Herb- *Hemiphragma heterophyllum* Wall.  
Fl. white; alpine meadows 13,000 ft.
- 23937 Orchid- *Cypripedium guttatum* Sw.  
Fl. purple; spruce and fir forests  
13,000 ft.
- 23938 *Primula conica*  
(Fr. 24465) Fl. blue; alpine meadows 12,500 ft. Sd. coll.
- 23939 *Anemone*-sp.? *Paraquilegia microphylla* Draumm. & Hutch.  
Fl. pale lavender; cliffs and crags  
13,500 ft.
- 23940 Orchid *chusana* Don  
Fl. purple; fir forests in moss  
13,000 ft.

Number

- 23941 *Potentilla fruticosa*  
Fl. deep yellow; alpine reg. 13,500 ft.
- 23942 *Morina sp.?* *siphonantha* Don  
Fl. purple; alpine reg. 13,500 ft.
- 23943 *Pedicularis sp.?*  
Fl. purple; alpine reg. 12,500 ft.
- 23944 *Cremanthodium nobile* (Franch.) Diels  
(Fr. 24454) Fl. yellow; alpine meadows 12,500 ft. Sd. coll.
- 23945 *Allium sp.?* *Ophiopogon filiformis* Lev.  
Fl. white; alpine meadows 12,500 ft. Sd. coll.
- 23946 *Meconopsis sp.?*  
Fl. dark purple blue; alpine meadows 13,000 ft.
- 23947 *Pedicularis sp.?* *longiflora* Rudolph  
Fl. yellow; alpine meadows 13,000 ft.
- 23948 *Rosa omeiensis* Rolfe  
(Fr. 24449) Shrub 5 ft.; fl. white; fir forest 13,000 ft. Sd. coll.
- 23949 *Iris sp.?*  
(Fr. 24451) Fl. pale blue; alpine meadows 14,500 ft. Sd. coll.
- 23950 *Legume sp.?* *Astragalus acaulis* Baker  
Fl. pale yellow; in scree; 14,500 ft.
- 23951 *Primula sp.?* *leucochnoa* Hand.-Mzt.  
Fl. purplish blue; alpine meadows 15,000 ft.
- 23952 *Omphalogramma sp.?* *vinciflorum* Franch. forma  
Fl. indigo; alpine meadows 15,000 ft.
- 23953 *Anemone sp.?* *trullifolia* var. *coelestis* F. & G.  
Fl. blue; alpine meadows 15,000 ft.
- 23954 *Saxifraga crassifolia* Fritsch. *Bergenia purpurascens* var. *delavayi*  
(Fr. 24455) Fl. purplish red; alpine meadows 15,000 ft. Sd. coll. Eng. E. D. M.
- 23955 *Anemone sp.?* *trullifolia* var. *coelestis* F. & G.  
Fl. white; alpine meadows 15,000 ft.

Rock Collections --  
Collected in the mountains of Kulu, Muli Territory elev.  
13,000 ft. S. W. Szechuan contd.

Number

- 23956 *Caltha* sp.? Fl. yellow; wet alpine meadows 12,500 ft.
- 23957 Composite Fl. yellow; wet alpine meadows 13,500 ft.
- 23958 *Rhododendron* sp.?- *levistratum*  
Shrub or tree 15 ft.; fl. white; meadows  
13,500 ft.
- 23959 *Primula szechuanica* Pax  
(Fr. 24463) Fl. yellow; wet alpine meadows  
13,500 ft. Sd. coll.
- 23960 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 24462) Fl. golden yellow; alpine meadows  
13,000 ft. Sd. coll.
- 23961 *Rhododendron* sp.? *agglutinatum*  
Tree or shrub 5-6 ft.; fl. pink;  
13,000 ft.
- 23962 *Iris* sp.? Fl. deep blue; alpine meadows 13,000 ft.
- 23963 *Primula* sp.?- *leuchnoa* Hand.-Mzt. forma  
Fl. blue; wet alpine meadows 13,000 ft.
- 23964 *Salix* sp.? *delavayana* H.-M.  
Shrub 2-3 ft.; wet alpine meadows 13,000 ft.
- 23965 *Primula* sp.?- *leucochnoa* Hand.-Mzt. forma  
Fl. pale pink-blue; meadows 13,000 ft.
- 23966 *Rhododendron helvolum*  
(Fr. 24445) Shrub 4-5 ft.; fl. pink; *Rhododendron*  
scrub 13,500 ft. Sd. coll.
- 23967 *Rhododendron* sp.?- *muliense*  
Shrub 1-2 ft.; fl. yellow; alpine  
meadows 13,000 ft.
- 23968 *Rhododendron helvolum*  
(Fr. 24459) Tree 10-15 ft.; fl. purplish red; forests  
13,500 ft. Sd. coll.
- 23969 *Cotoneaster* sp.? Shrub 3-4 ft.; fl. pink; forest clearings  
13,000 ft.

## Rock Collections --

Collected in the mountains of Kulu, Muli Territory  
 elev. 13,000 ft. S. W. Szechuan contd.

139

23970Number

- 23970 *Lonicera mitis* Rehd.  
 (Fr. 24456) 1-2 ft.; fl. yellow; wet alpine  
 region 13,000 ft. Sd. coll.
- 23971 *Rhododendron* sp.? *intricatum*  
 Shrub 2 ft.; fl. blue; alpine ridges  
 13,000 ft.
- 23972 Herb- *Lagotis brevituba* Max.  
 Fl. bluish purple; wet alpine gravel  
 14,000 ft.
- 23973 *Salix* sp.?-- *nulienensis* Goerz  
 Shrub 2 ft.; wet alpine meadows 14,000 ft.
- 23974 *Rhododendron sigillatum*  
 (Fr. 24461) Tree 10-15 ft.; fl. white; alpine spurs  
 13,000 ft. (The 3 of the 13,000 was not  
 clear and may be a 5) Sd. coll.

\* Believe "alpine" should be included. "used."

## Rock Collections --

Collected on the western slopes of Mt. Mitzuga, Muli territory  
 S. W. Szechuan, elev. 14,000-15,000 ft., May-June 1932

- 23975 *Cyananthus*  
 (Fr. 24523) Fl. yellow; alpine meadows and  
 gravel 14,500 ft. Sd. coll.
- 23976 *Pleurospermum foetidum* Fr.  
 (Fr. 24526) Fl. white; alpine meadows and  
 gravel 14,500 ft. Sd. coll.
- 23977 Herb  
 Fl. blue; alpine meadows and  
 gravel 13,000 ft.
- 23978 *Pedicularis* sp.?-- *rhodotricha* Max.  
 (Fr. 24546) Fl. purple; alpine meadows  
 13,000 ft. Sd. coll.
- 23979 *Delphinium* sp.?-- *bulleyanum* Forrest  
 Fl. blue; alpine meadows 13,000 ft.
- 23980 *Asclepiad.*  
 Fl. purplish red; climber over  
 shrubs 10,000 ft.

## Rock Collections --

Collected on the western slopes of Mt. Mitzuga, Muli territory  
S. W. Szechuan, elev. 14,000-15000 ft., May-June 1932

Number

- 23981 *Primula blattariformes* Franch.  
(Fr. 24543) Fl. purplish pink; gravelly  
slopes 11,000 ft. Sd. coll.
- 23982 Herb  
Fl. purple; gravelly slopes 11,000  
ft.  
*Didissandra lanuginosa* Clarke, E.D.M.
- 23983 ~~*Greecharis aurantiaca* Franch.~~  
(Fr. 24535) Herb; fl. yellow; rocks and  
boulders 11,000 ft. Sd. coll.
- 23984 Herb- *Saxifraga rufescens* Balf. f.  
Fl. whitish pink; among mossy  
boulders, 12,000 ft.
- 23985 *Thalictrum sp.?* *virgatum* Hk. f. & Th.  
Fl. white; among rocks 12,000 ft.
- 23986 *Primula sp.?* *lichiangensis* Forr.  
Fl. purple; among rocks 12,000  
ft.
- 23987 *Pedicularis gyrorhyncha* Fr. -Merrill  
(Fr. 24550) Fl. purple; among rocks in  
meadows 12,500 ft. Sd. coll.
- 23988 *Satureia*  
(Fr. 24514) Fl. purplish pink; among rocks  
in meadows 11,000 fr.
- 23989 (~~Liliac. herb~~) *Allium victorialis* Linn.  
(Fr. 24515) Herb; fl. white; among rocks in  
meadows 11,000 ft. Sd. coll.
- 23990 Liliac. plant  
4-5 ft. tall; fl. lavender  
purple; in meadows 12,000 ft.
- 24991 *Aster sp.?*  
Fl. purple; meadows 12,000 ft.
- 23992 *Delphinium sp.?*  
Fl. blue; mixed forest 12,000 ft.
- 23993 (~~Herb.~~) *Valeriana barbulata* Diels  
(Fr. 24510) Fl. pink; meadows 11,000 fr. Sd. coll.
- 23994 *Saussurea trullifolia* W.W.Sm.  
(Fr. 24517) Fl. purple; scree at 15,000 ft. Sd. coll.

## Rock Collections --

Collected on the western slopes of Mt. Mitzuga, Muli  
territory S. W. Szechuan, elev. 14,000-15,000 ft.,  
May-June 1932

Number

- |       |  |   |           |
|-------|--|---|-----------|
| 23995 | Crassulac  | Fl. yellow; on rocks<br>15,000 ft.                          |           |
| 23996 | Cotoneaster adpressa Bois.<br>(Fr. 24554)                          | Prostrate shrub on boulders<br>14,500 ft.                   | Sd. coll. |
| 23997 | Eriophyton wallichianum<br>(Fr. 24532)                             | Fl. pink under white-pink<br>bracts; in scree at 15,000 ft. | Sd. coll. |
| 23998 | Pedicularis<br>(Fr. 24527)   | Fl. purple; alpine meadows<br>14,000 ft.                    | Sd. coll. |
| 23999 | Aconitum rotundifolium Maxim. var. tanguticum K.&K.<br>(Fr. 24530) | Fl. blue; alpine meadows<br>14,000 ft.                      | Sd. coll. |
| 24000 | Cremanthodium descainii Clarke<br>(Fr. 24528)                      | Fl. yellow; alpine meadows<br>wet gravel 14,500 ft.         | Sd. coll. |
| 24001 | Nepeta<br>(Fr. 24529)  | Fl. blue; alpine meadows wet<br>gravel 14,500 ft.           | Sd. coll. |
| 24002 | Corydalis  | Fl. purplish red; alpine<br>meadows wet gravel 14,500 ft.   |           |
| 24003 | Rhododendron sp. ♀ Przewalskii                                     | Shrub 5-6 ft.; alpine region<br>13,500 ft.                  |           |
| 24004 | Rhododendron sp. ♀ Selense-Thomsonii                               | Shrub 5-6 ft.; fl. white; alpine<br>region 13,500 ft.       |           |
| 24005 | Primula Wardii   | Fl. pink; alpine meadows<br>12,500 ft.                      |           |
| 24006 | Rhododendron sp. ♀- phaeochrysum                                   | Tree 10-15 ft.; alpine region<br>14,000 ft.                 |           |
| 24007 | Hydrangea sp. ♀ xanthoneura Diels var. setchuenensis (Rehd.) Rehd. | Shrub 6-8 ft.; in mixed forest<br>11,500 ft.                |           |

Number

- 24008 *Rhododendron* sp.? *Przewalskii*  
Shrub 3 ft.; fl. white;  
collected on Dzampe Sheren,  
13,500 ft.
- 24009 *Habernaria* sp.?  
Fl. pink; alpine meadows  
back of Mt. Mitzuga 13,500  
ft.
- 24010 *Salix* sp.? *faxoniana* Schneid.  
1-1 1/2 feet; alpine meadows  
14,500 ft.
- 24011 *Acer caesium* Wall.  
(Fr. 24534) Tree 15-25 ft.; in mixed forest  
11,500 ft. Sd. coll.
- 24012 Herb *Ajuga decumbens* Thunb.  
Fl. blue; alpine meadows  
13,500 ft.
- 24013 *Arisaema*  
Fl. white; meadows 11,000 ft.
- 24014 *Prunus tomentosa* Thbg.  
(Fr. 24537) Shrub 6-8 ft.; fl. white; open  
glades 10,000 ft. Sd. coll.
- 24015 *Juniper* sp.?- *formosana* Hayata  
3-5 ft.; open glades 10,000 ft.
- 24016 Legume  
Shrub; fl. white; open glades  
11,000 ft.
- 24017 *Rhododendron agglutinatum*  
(Fr. 24512) Shrub 6-8 ft.; fl. white; alpine  
region 13,500 ft. Sd. coll.
- 24018 *Polygonum Hookeri* Meisn.  
Herb; fl. dark red brown, in  
scree 14,500 ft.
- 24019 ~~*Galtha*~~ sp.?- *Trollius pumilus* Don  
Fl. yellow; scree 14,500 ft.
- 24020 *Primula sikkimensis* Hook. forma  
(Fr. 24525) Fl. yellow; wet alpine meadows  
13,500 ft. Sd. coll.

Number

- 24021 *Primula Wardii* Fl. pink; wet alpine meadows  
13,500 ft.
- 24022 *Primula secundiflora* Franch.  
(Fr. 24545) Fl. purple; wet alpine meadows  
13,500 ft. Sd. coll.
- 24023 *Primula* sp.-? *secundiflora* Franch.  
Fl. purple; wet alpine meadows  
13,500 ft.
- 24024 *Rhododendron radinum*  
(Fr. 24544) Shrub 2 ft.; fl. pink; alpine reg.  
among rocks 14,500 ft. Sd. coll.
- Berberis pallens* Fr. - Merrill determination
- 24025 *Berberis yunnanensis* Franch. - Ames determination  
(Fr. 24513) Shrub 2-3 ft.; fl. yellow;  
alpine region among rocks  
13,500 ft. Sd. coll.
- 24026 *Potentilla fruticosa*  
Fl. yellow; alpine region  
among rocks 13,500 ft.
- 24027 *Cynoglossum triste* Diels  
(Fr. 24538) Dark purple; alpine meadows  
13,000 ft. Sd. coll.
- 24028 *Lonicera* sp.-2- *lanceolata* Wall.  
Shrub 6-8 ft.; alpine meadows  
13,000 ft.
- 24029 *Caltha* sp.-2 *scaposa* Hk. f. & Th. and var.  
Fl. yellow; alpine meadows  
13,500 ft.
- 24030 *Primula* sp.-2 *pulchella* Franch.  
Fl. purple; alpine meadows  
13,500 ft.
- 24031 *Caragana Franchetiana* Koma  
(Fr. 24539) Shrub 6-8-10 ft., fl. yellow;  
open slopes 12,000 ft. Sd. coll.
- 24032 *Primula Poissonii* Franch. subsp. *Wilsonii* Dunn  
(Fr. 24519) Fl. purple; water courses  
11,000 ft. Sd. coll.
- 24033 *Caltha*-sp.-? *Aneomne rupestris* Wall.  
Fl. yellow; water courses  
11,000 ft.

Number

- 24034 Herb  
Fl. white; meadows alpine  
region 14,000 ft.
- 24035 Cassiope  
Fl. white; among rocks alpine  
region 14,000 ft.
- 24036 *Primula Poissonii* Franch. subsp. *Wilsonii* Dunn  
(Fr. 24521) Fl. pale purple; in water  
courses 13,000 ft. Sd. coll.
- 24037 *Rhododendron agglutinatum*  
(Fr. 24524) Shrub 4 ft.; fl. white; alpine  
region 13,500 ft. Sd. coll.  
(an *S. Tetrandra* Bunge?)
- 24038 *Potentilla-purpurea-Reyle*-*Sibbaldia pentaphylla* Krause/  
(Fr. 24533) Fl. red; alpine meadows 14,000  
ft. Sd. coll.
- 24039 *Orchid Pinguicula alpina* L.  
Fl. purple; alpine meadows 14,000  
ft.
- 24040 *Rhododendron hemitrichotum*  
(Fr. 24531) Shrub 6-8 ft.; fl. pink; dry  
region 10,000 ft. Sd. coll.
- 24041 *Sorbus Pratti* Koehne var. *tatsienensis* (Koehne)  
Scheid.  
(Fr. 24553) Shrub 10-15 ft.; fl. pink;  
forests at 11,000 ft. Sd. coll.
- 24042 *Prunus sp.-- pleiocerasus* Koehne  
Shrub 10-15 ft.; fl. white;  
forests at 11,000 ft.
- 24043 *Lonicera Lanceolata* Wall.  
(Fr. 24542) Shrub 5 ft.; fl. pink; forests  
at 11,000 ft. Sd. coll.
- 24044 *Lonicera deflexicalyx* Batal. var. *xerocalyx*  
(Diels) Rehd.  
(Fr. 24536) Shrub; fl. yellow; open glades  
11,000 ft. Sd. coll.
- 24045 Composite sp.?  
Fl. yellow; meadows 11,000 ft.
- 24046 *Aster sp.-? brachytrichus* Fr.  
Fl. purple; meadows 11,500 ft.

Rock Collections --  
Mt. Mitzuga, Muli territory, elev. 14,000-15,000 ft.  
contd.

Number

- 24047 *Aster staticifolius* Fr.  
Fl. lavender purple; gravelly  
cliffs 12,000 ft.
- 24048 *Androsace spinulifera*?  
(Fr. 24551) Fl. pink; gravelly cliffs  
12,000 ft. Sd. coll.
- 24049 *Betula Delavayi* Franch.  
(Fr. 24516) Shrub 6-8 ft.; fir forest  
12,500-13,000 ft. Sd. coll.
- 24050 *Cypripedium tibeticum*  
Fl. purplish red; striped;  
(in marle) meadows 12,000 ft.
- 24051 *Incarvillea* sp.?  
Fl. pale pink; on boulders  
11,500 ft.
- 24052 *Scutellaria Rehderiana* Diels  
(Fr. 24552) Fl. yellow-red; meadows  
11,500 ft. Sd. coll.
- 24053 *Daphne aurantiaca*  
On gravelly slopes, 12,500 ft.
- 24054 *Ribes glaciale* Wall.  
(Fr. 24520) Shrub 2-4 ft.; fl. reddish;  
slopes 12,500 ft. Sd. coll.
- 24055 *Rhododendron* sp. ?-(*Cephalanthum* Series)  
(Fr. 24540) Shrub 2-3 ft.; fl. white; slopes  
12,500 ft. Sd. coll.
- 24056 *Lonicera syringantha* Maxim. var. *minor* Maxim.  
(Fr. 24548) Shrub 2-4 ft.; fl. pink white;  
slopes 12,500 ft. Sd. coll.
- 24057 ~~Crucifer~~- *Cheiranthus acaulis* H. M.  
(Fr. 24518) Fl. yellow; alpine gravel and  
scree 15,000 ft. Sd. coll.
- 24058 *Rhododendron hemitrichotum*  
(Fr. 24541) Shrub 2-3 ft.; fl. small pink;  
fir forest 13,000 ft. Sd. coll.
- 
-

Number

- 24059 *Primula* sp.?- *sikkimensis* Hook. Alpine form  
Alpine meadows 13,500 ft.
- 24060 *Megacarpaea* *Delavayi*  
Fl. pink; alpine meadows  
13,000 ft.
- 24061 *Primula conica* Balf. f. et Forrest  
(Fr. 24476) Fl. blue; alpine meadows  
13,000 ft. Sd. coll.
- 24062 *Rhododendron sphaeroblastum*  
(Fr. 24481) Shrub 4-6 ft.; fl. white; alpine  
region 13,500 ft. Sd. coll.
- 24063 *Daphne retusa* Hemsl.  
(Fr. 24488) Fl. pink; shrub 1-1 and 1/2  
ft.; fir forest 12,500 ft. Sd. coll.
- 24064 ~~*Crucifer*~~ *Eutrema lancifolium* Schulz  
Fl. white; alpine meadows  
13,000 ft.
- 24065 Leg.-sp.?- *Oxytropis yunnanensis* Fr.  
Fl. blue; alpine meadows  
13,000 ft.
- 24066 *Rhododendron aischropeplum*  
(Fr. 24503) Shrub 2 ft.; fl. white;  
13,500 ft. Sd. coll.
- 24067 *Rhododendron cephalanthoides*  
(Fr. 24489) Shrub 1-2 ft.; fl. white;  
13,500 ft. Sd. coll.
- 24068 *Rhododendron* sp.? *agglutinatum*  
Shrub 3-4 ft.; fl. white;  
13,500 ft.
- 24069 *Omphalogramma*  
Fl. indigo blue; alpine  
meadows 13,000 ft.
- 24070 *Cremanthodium campanulatum* (Franch.) Diels  
(Fr. 24504) Fl. deep purple; alpine meadows  
13,000 ft. Sd. coll.
- 24071 *Salvia* sp.? *Nepeta wilsonii* Diels  
Fl. purple; alpine meadows  
13,000 ft.

<u>Number</u>			
24072	Morina sp.?	Fl. purple; alpine meadows 12,500 ft.	
24073	Primula szechuanica Pax (Fr. 24505)	Fl. yellow; alpine meadows 12,500 ft.	Sd. coll.
24074	Primula leucochnoa Hand.-Mzt. (Fr. 24498)	Fl. purple; alpine meadows 12,500 ft.	Sd. coll.
24075	Draba sp.?	Fl. yellow; alpine meadows 12,500 ft.	
24076	Diapensia purpurea Diels (Fr. 24475)	Fl. pink; on boulders 15,000 ft.	Sd. coll.
24077	Sedum bupleuroides var. rotundatum (Hemsl.) Frod.	Fl. red; on boulders; 15,000 ft.	
24078	Rhododendron pronum (Fr. 24501)	Fl. white; shrub 1 ft.; alpine region 15,000 ft.	Sd. coll.
24079	Rhododendron Wardii (Fr. 24487)	Fl. yellow; shrub 4-6 ft.; fir forests 12,500 ft.	Sd. coll.
24080	Phlomis rotata Linn., (Fr. 24485)	Large rosette; fl. lavender blue; alpine meadow 13,000 ft.	Sd. coll.
24081	Coluria elegans var. imbricata longifolia Max. (C. elegans Card) (Fr. 24482)	Fl. yellow; alpine meadow 13,000 ft.	Sd. coll.
24082	Lonicera sp.? montigena Rehd.	Fl. yellow; alpine meadows 14,000 ft.	
24083	Ajuga lupulina Max. (Fr. 24499)	Fl. white; alpine meadows 14,000 ft.	Sd. coll.
24084	Potentilla sp.? stenophylla Diels	Fl. yellow; alpine meadows on boulders 14,000 ft.	
24085	Primula sp.? amethystina Franch subsp. brevifolia Forrest	Fl. blue; alpine meadows 14,000 ft.	
24086	Viburnum kansuense Batal. (Fr. 24493)	Shrub 1 ft.; fl. white; in fir forests 12,000 ft.	Sd. coll.

Number

- 24087 *Primula Wardii* Fl. pink; alpine meadows;  
12,000 ft.
- 24088 *Primula sikkimensis* Hook.  
(Fr. 24494) Fl. yellow; alpine meadows;  
12,000 ft. Sd. coll.
- 24089 *Primula yargongensis* Petitm.  
(Fr. 24497) Alpine meadows; 12,000 ft. Sd. coll.
- 24090 *Rosa graciliflora* Rehd. & Wils.  
(Fr. 24508) Shrub 4-5 ft.; erect; fl.  
red; in fir forest 12,000 ft. Sd. coll.
- 24091 *Primula vittata* Franch.  
(Fr. 24472) Fl. purple; alpine meadows;  
13,000 ft. Sd. coll.
- 24092 *Magnoliac.* Vine; fl. red; in fir forests;  
12,500 ft.
- 24093 *Primula* sp.?  
(Fr. 24490) Fl. purple; in alpine meadows;  
13,000 ft. forma Sd. coll.
- 24094 *Prenanthes radiceflora* Babc.  
(Fr. 24502) Forming hollow rosettes; fl.  
yellow; in alpine meadows;  
13,000 ft. Sd. coll.
- 24095 *Amaranth* Fl. reddish brown; in alpine  
meadows; 13,000 ft.
- 24096 *Aster Delavayi* Fr.  
Fl. purple; in alpine meadows;  
13,000 ft.
- 24097 *Corydalis* sp.? Fl. yellow; in alpine meadows  
and gravel 13,000 ft.
- 24098 *Primula sikkimensis* Hook.  
(Fr. 24496) Fl. yellow; in alpine meadows;  
12,500 ft. Sd. coll.
- 24099 *Mycotis*-sp.-2- *Microula forrestii* (Diels) Johnston.  
Fl. blue; in forests; 12,000 ft.

Number

- 24100 Herb- *Cerastium alpinum* Linn.  
Fl. white; alpine meadows;  
12,500 ft.
- 24101 Liliac.  
(Fr. 24492) Fl. white; in fir forests;  
12,500 ft. Sd. coll.
- 24102 *Pedicularis* sp.?- *dauidii* Fr.  
Fl. white and purple; forests;  
12,500 ft.
- 24103 *Trollius* ~~*pumilus*~~ <sup>*patulus* Ait.</sup> ~~Don var.~~ *yunnanensis* Franch.  
(Fr. 24507) Fl. yellow; alpine meadow,  
12,500 ft. Sd. coll.
- 24104 *Geranium* ~~*platypetalum*~~ <sup>*melandrum* Fr.</sup>  
(Fr. 24486) Fl. balckish red; alpine meadow,  
12,500 ft. Sd. coll.
- 24105 *Silene adenantha* Fr.  
Fl. purple; alpine meadow;  
12,500 ft.
- 24106 *Geranium* sp.?- *melandrum* Fr., E.D.M.  
Fl. purple; alpine meadow on  
boulders; 13,000 ft.
- 24107 *Parnassia delavayi* Franch.  
(Fr. 24491) Fl. white; alpine meadow;  
12,500 ft. Sd. coll.
- 24108 *Snaphalium*-sp.?- *Anaphalis cuneifolia* Hk. f.  
Fl. white; on gravelly slopes  
and meadows; 12,500 ft.
- 24109 *Pedicularis* sp.?- *versicolor* Wahl.  
(Fr. 24506) Fl. purple; alpine meadows;  
12,500 ft. Sd. coll.
- 24110 *Salvia* sp.?- *hiana* Royle  
Fl. pink; alpine meadows;  
12,500 ft.
- 24111 *Gentiana* *trichotoma* Kusnev  
Fl. steel blue; alpine meadows;  
12,500 ft.
- 24112 *Primula* sp.?- *bella* Franch.  
Fl. purple; on boulders;  
12,500 ft.

Number

- 24113 *Morina* sp.?- *betonicooides* Benth  
Fl. white; alpine meadows;  
12,500 ft.
- 24114 *Allium* sp.?- *henryi* Wright  
Fl. purple; alpine meadows;  
12,500 ft.
- 24115 *Corydalis* sp.?  
Fl. bluish purple glaucous  
alpine meadows; 12,500 ft.
- 24116 ~~Labiata~~ *Pedicularis rupicola* Fr.  
Fl. purple; alpine meadows;  
12,500 ft.
- 24117 *Ranunculus* sp.?- *affinis* DC  
Fl. yellow; water courses;  
alpine meadows 12,500 ft.
- 24118 *Dracocephalum*  
Fl. purple; in meadows;  
10,000 ft.
- 24119 *Aster* sp.? *alpinus* Linn sensu lat  
Fl. purple; in meadows;  
10,000 ft.
- 24120 *Potentilla curviseta*-Hook.f. *ambigua* Craib  
(Fr. 24500) Fl. yellow; alpine meadows on  
boulders 13,500 ft. Sd. coll.

## Mts. of Muli between Muli and Kulu, May-July 1932.

- 24121 *Pipthanthus concolor* Craib  
(Fr. 24575) Shrub 2 ft.; fl. yellow;  
11,500 ft. Sd. coll.
- 24122 (~~*Spiraea*~~ sp.?) *Berchemia Yunnanense* Franch.  
Shrub 3 ft.; fl. white; 11,500 ft.
- 24123 *Paeonia lutea* Franch.  
(Fr. 24567) In spruce forests, 11,500 ft. Sd. coll.
- 24124 *Stranvaesia Davidiana* Dene var. *undulata*(Dene.)  
Rehd.& Wils.  
(Fr. 24568) Tree 8-10 ft.; fl. white; along streams  
9,800 ft. Sd. coll.

Number

- 24125 *Lonicera tangutica* Maxim.  
(Fr. 24559) Fl. pink; along streams;  
9,800 ft. Sd. coll.
- 24126 ~~Vine~~ *Hollboelia Fargesii* Reaub.  
Fl. blackish red; along  
streams; 9,800 ft.
- 24127 *Rosa omeiensis* Rolfe f. *pteracantha* Rehd. & Wils.  
(Fr. 24557) Shrub 6-8 ft.; fl. white;  
along streams; 9,800 ft. Sd. coll.
- 24128 *Rhododendron* sp. ? *radinum*  
Shrub 2 ft.; fl. rose; in  
pine forest; 10,000 ft.
- 24129 ~~Malvac. plant~~ *Abutilon avicennae*, det. *A. paniculatum* /  
3 ft.; fl. yellowish red;  
Muli 9,600 ft. Hand. -Maz
- 24130 *Cotoneaster hebeophylla* Diels.  
(Fr. 24560) Shrub 4 ft.; fl. pink; open  
mountain slopes; 10,000 ft. Sd. coll.
- 24131 *Asparagus*  
(Fr. 24571) Shrub 2 ft.; prostrate spreading  
fl. pinkish; 9,000 ft. Sd. coll.
- 24132 ~~Tree~~ *Ehretia Dicksoni* Hance  
10-15 ft.; fl. white; Muli;  
9,000 ft.
- 24133 *Vitis betulifolia* Diels & Gilg.  
(Fr. 24574) Climber; fl. greenish; Muli;  
9,000 ft. Sd. coll.
- 24134 *Euonymus grandiflora* Wall.  
(Fr. 24578) Shrub 5-6 ft.; fl. greenish  
white; Muli, 9,000 ft. Sd. coll.
- 24135 *Prunus tomentosa* ~~Wall. ex DC.~~  
Muli slopes, 9,000 ft.
- 24136 *Bauhinia* sp. ? *densiflora* Franch.  
(Fr. 24577) Shrub 3 ft. + 6 ft.; fl. white;  
9,000 ft. Sd. coll.
- 24137 *Sapindus delavayi* Radlk.  
Tree 30 ft.; fl. whitish yellow;  
Muli; 9,000 ft.

Number

- 24138 *Rosa Soulieana* Crep.  
(Fr. 24561) Spreading shrub; fl. white;  
Muli; 9,000 ft. Sd. coll.
- 24139 *Dipelta yunnanensis* Franch.  
(Fr. 24576) Fl. pinkish; Shrub 5-6 ft.;  
Muli; 9,000 ft. Sd. coll.
- 24140 *Itea Yunnanensis* Franch.  
Tree 15-20 ft.; fl. green;  
slopes of Muli; 8,000 ft.
- 24141 *Rhododendron fictolacteum* form  
(Fr. 24573) Tree 20-25 ft.; in spruce and  
hemlock forests of Djago;  
11,500 ft.; fl. large pink;  
very handsome Sd. coll.
- 24142 *Desmodium tiliaefolium* (D. Don.) G. Don. var.  
(Fr. 24570) Shrub 2-3 ft.; pine forests;  
10,000 ft. Sd. coll.
- 24143 *Quercus* sp.? *semicarpifolia* Sm.  
Tree 50-60 ft.; in forest;  
10,000 ft.
- 24144 *Jasmine humile* L.  
(Fr. 24564) Shrub 1 ft.; 2 ft.; fl. yellow;  
10,000 ft. Sd. coll.
- 24145 *Vaccinium fragile* Franch.  
(Fr. 24563) Shrub 2-3 ft.; fl. pink; pine  
forest; 10,000 ft. Sd. coll.
- 24146 *Hemerocallis* sp.?  
(Fr. 24558) Fl. orange yellow; alpine forest;  
11,000 ft. Sd. coll.
- 24147 *Disporum pulium*-*cantonense* (Lour.) Merr.  
(Fr. 24566) Fl. yellowish; in meadows;  
9,000 ft. Sd. coll.
- 24148 *Indigofera pseudotinctoria* Matsum.  
(Fr. 24565) Plant 3-4 ft.; fl. bluish purple;  
meadows; 9,000 ft. Sd. coll.
- 24149 *Alangium chinense* (Lour.) Rehd.  
(Fr. 24562) Tree 25 ft.; fl. yellow; along streams;  
8,000 ft. Sd. coll.

Number

- 24150 *Styrax shiveliensis*-W.W.Smith?- *langkongensis* W.W.Sm.  
(Fr. 24572) 3-4 ft.; fl. cream colored;  
valleys of Muli; 8,000 ft. Sd. coll.
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Collected on Mt. Gibboh, S. W. Szechuan, near Yunnan border,  
April-May 1932.

- 24151 *Rhododendron* sp.? *chartophyllum*  
Fl. lavender; shrub 3-5 ft.;  
11,000 ft.
- 24152 Herb- *Chrysosplenium davidianum* Fr.  
Fl. yellow; in fir forests;  
12,500 ft.
- 24153 Herb  
Fl. white; in alpine meadows,  
water courses; 12,500 ft.
- 24154 Herb  
Fl. pale pink; alpine meadows;  
12,000 ft.
- 24155 *Primula* sp.?- *Beesianae* Forrest  
Fl. purple; alpine meadows;  
12,500 ft.
- 24156 *Crataegus chungtienensis* W.W.Sm.  
(Fr. 24590) Fl. white; tree 10-15 ft.;  
lower slopes of Mt. Gibboh;  
10,000 ft. Sd. coll.
- 24157 *Rhododendron aechmophyllum*  
(Fr. 24592) Shrub 4-6 ft.; fl. pink; in  
spruce forest; 11,000 ft. Sd. coll.
- 24158 *Ribes emodense* Rehd.  
(Fr. 24585) Shrub 4-5 ft.; fl. purple;  
spruce forest; 11,000 ft. Sd. coll.
- 24159 *Primula sonchifolia*  
In snow edge of forest;  
12,000 ft.
- 24160 *Rhododendron Beesianum*  
(Fr. 24583) Tree 10-15 ft.; fl. white;  
at foot of cliffs; 13,000  
ft. Sd. coll.
- 24161 *Rhododendron* sp.?- *vernicosum* aff.  
Shrub 4-5 ft.; fl. pink; fir  
forest; 13,000 ft. (Ditto marks may  
also include "at foot of cliffs")

Number

- 24162 *Rhododendron* sp.?- *decorum*  
 Shrub 4-5 ft.; fl. pale pink;  
 fir forest; 13,000 ft. (Ditto marks  
 may also include "at foot of cliffs")
- 24163 *Lonicera* sp.?- *tangutica* Maxim.  
 Shrub 2-3 ft.; fl. yellow; in  
 fir forest; 13,000 ft.
- 24164 *Rhododendron aechmophyllum*  
 (Fr. 24591) Shrub 4-6 ft.; fl. lavender;  
 in fir forest; 13,000 ft. Sd. coll.
- 24165 *Rhododendron Beesianum*  
 (Fr. 24582) Tree 10-15 ft.; fl. pink; in fir  
 forest; 13,000 ft. Sd. coll.
- 24166 *Delphinium vestitum*  
 (Fr. 24589) Fl. bluish purple; meadows and  
 scrub; 13,000 ft. Sd. coll.
- 24167 *Codonopsis* sp.?  
 Fl. pale blue-white; meadows;  
 13,000 ft.
- 24168 *Codonopsis* sp.?  
 (Fr. 24596) Fl. purple; meadows; 13,000 ft. Sd. coll.
- 24169 *Primula* sp.?- *incisa* Franch.  
 Fl. purple; on boulders; 14,000  
 ft.
- 24170 *Silene yunnanensis* Franch.  
 Fl. lavender; alpine meadows;  
 11,000 ft.
- 24171 *Aster* sp.?  
 Fl. purple; alpine meadows;  
 11,000 ft.
- 24172 *Corydalis* sp.?  
 Fl. yellow; alpine meadows;  
 11,000 ft.
- 24173 *Impatiens*  
 (Fr. 24584) Fl. purplish; alpine meadows,  
 water courses; 11,00 ft. Sd. coll.
- 24174 *Primula Beesiana* Forrest  
 (Fr. 24579) Fl. purple; alpine meadows,  
 wet meadows; 12,000 ft. Sd. coll.

Number

- 24175 *Primula Viali* Franch.  
(Fr. 24580) Fl. blue and red; alpine meadows at Vudja; 10,500 ft. Sd. coll.
- 24176 *Scutellaria* sp.? Fl. yellow; alpine meadows at Vudja; 10,500 ft.
- 24177 Leg. Climber; fl. purple; in pine forests; 10,000 ft.
- 24178 *Didissandra grandia* Craib  
(Fr. 24587) Fl. blue; on boulders; 11,000 ft. Sd. coll.
- 24179 *Lilium* sp.? Fl. white spotted purple; in pine forests; 10,500 ft.
- 24180 *Strobilanthes* sp.? *yunnanensis* Diels?  
Fl. pink; alpine meadows; 11,500-12,000 ft.
- 24181 *Pedicularis* sp.? Fl. purple; alpine meadows; 11,500-12,000 ft.
- 24182 *Adenophora coelestris* Diels  
(Fr. 24594) Fl. blue; alpine meadows; 11,500-12,000 ft. Sd. coll.
- 24183 *Primula Poissonii* Franch.  
(Fr. 24586) Fl. purple; alpine meadows; 11,500-12,000 ft. Sd. coll.
- 24184 *Aster* sp.? Fl. purplish blue; alpine meadows; 11,500-12,000 ft.
- 24185 ~~Composite~~-- *Cremanthodium hookeri* Clarke  
Fl. yellow; alpine meadows; 11,500-13,000 ft.
- 24186 *Primula* sp.? *pinnatifida* Franch.  
Fl. blue; wet meadows; 13,000 ft.
- 24187 *Primula* sp.? *incisa* Franch.  
Fl. purplish blue; on boulders; 13,000 ft.

Number

- 24188 *Corydalis* sp.?- *oxypetala* Fr.  
Fl. lavender red; on scree  
and rocks; 13,500 ft.
- 24189 *Pedicularis* sp.?  
Fl. purple; alpine meadow;  
13,500 ft.
- 24190 *Delphinium* sp.?  
Fl. blue; alpine meadows;  
13,500 ft.
- 24191 *Cremanthodium suave* W.W.Sm.  
(Fr. 24597) Fl. yellow; alpine meadows;  
13,500 ft. Sd. coll.
- 24192 *Allium* sp.?- *victorialis* Linn.  
Fl. purple; alpine meadows;  
13,500 ft.
- 24193 *Aconitum kusnezoffii* Rehb.  
Fl. pale blue; alpine meadows;  
13,500 ft.

Collected in Yunnan district of Yung-ning on Wuaha mountains.  
May 1932.

- 24194 *Delphinium* sp.?- *bulleyanum* Forrest  
Fl. blue; meadows; 12,000  
ft.
- 24195 *Aster* sp.?- *pycnophyllus* Fr.  
Shrub 2-3 ft.; meadows;  
11,000 ft.
- 24196 *Pedicularis*  
Herb; fl. purple; meadows;  
11,000 ft.
- 24197 *Leontopodium* sp.?- *linearifolium* H. -M.  
Meadows; 11,000 ft.
- 24198 *Aconitum* sp.?- *rotundifolium* K.&K.  
Fl. purplish blue; in fir  
forests; 12,500 ft.
- 24199 *Potentilla* sp.?- *ericarpoides* Krause  
Fl. yellow; on boulders;  
14,000 ft.

Rock Collections --  
Collected in Yunnan district of Yung-ning on Wuaha  
Mountains. May 1932.

- 24200 Composite-- *Saussurea delavayi* Fr.  
Fl. purple; among rocks and  
scree; 14,000 ft.
- 24201 *Cimcifuga foetida* L. probably  
(Fr. 24598) Fl. cream colored; in mixed  
forest; 11,000 ft. Sd. coll.
- 24202 *Quercus* sp.?-- *frachetii* Skan.  
Tree 10-20 ft.; in pine forest;  
10,000 ft.
- 24203 Leg.- *Campylotropis polyantha* (Fr.) Schindl.  
Shrub 4-5 ft.; fl. pink to  
lavender; (in pine forest?)  
along streams? 10,000 ft.
- 24204 *Rhododendron* sp.? *aechmophyllum*  
Shrub 3-5 ft.; fl. pinkish  
lavender; in pine forest along  
streams; 10,000 ft.
- 24205 *Quercus* sp.? *monimotricha* Hand.-Mazz.  
Shrub 2-3 ft.; in scrub at  
10,000 ft.
- 24206 *Rhododendron yunnanense*  
(Fr. 24602) Shrub 2-3 ft.; fl. pink; in  
pine forest under-growth;  
10,000 ft. Sd. coll.
- 24207 *Gentiana calbescens* Fr.  
Herb; fl. blue; in meadows;  
10,000 ft.
- 24208 *Rosa omsiensis* Rolfe  
(Fr. 24600) Shrub 2-3 ft.; fl. white; in  
pine forests; 10,000 ft. Sd. coll.
- 24209 *Senecio dictyoneurus* Fr.?  
(Fr. 24209) Fl. yellow; in meadows;  
10,000 ft. Sd. coll.
- 24210 *Gentiana taliensis* Balf. f & For.?  
Herb; fl. blue; in meadows;  
9,000 ft.
- 24211 *Aster* sp.?-- *alpinus* Linn sensu lat.  
Fl. purple; in meadows;  
10,000 ft.
- 24212 *Scirpus* sp.?  
Fl. white; meadows; 11,000  
ft.

Number

- 24213 *Pedicularis* Fl. purple; in fir forest;  
12,500 ft.
- 24214 *Thalictrum* sp.? Fl. purple lavender; in pine  
forest; 10,000-11,500 ft.
- 24215 *Lilium* sp.? Fl. white spotted purple; in  
pine forest; 10,000-11,500 ft.
- 24216 *Delphinium* sp.? Fl. dull purple; alpine meadows;  
11,000 ft.
- 24217 *Impatiens* sp.?- *Begonia labordei* Lev.  
Fl. pinkish purple; water courses;  
11,000 ft.
- 24218 *Didissandra cordatula* Craib., E.D.M.  
(Fr. 24603) Fl. blue; on boulders; 9,500 ft. Sd. coll.
- 24219 Cushion-plant *Arenaria orbesnia* WWSm.  
Fl. white; on boulders; 14,500  
ft.
- 24220 *Anemone*-sp.? *Paraquilegia microphylla* Drumm. & Hutch.  
Fl. pale lavender; on cliffs  
and crags; 14,000 ft.
- 24221 *Dipsacus* sp.?- *hookeri* Clarke  
Fl. white; in alpine meadows;  
13,000 ft.
- 24222 *Delphinium* Fl. blue; in alpine meadows,  
13,000 ft.
- 24223 Composite- *Aster alpinus* Linn sensu lat.  
Fl. purple; in alpine meadows;  
12,000 ft.
- 24224 *Pedicularis* sp.?- microphyton Bur. & Fr.  
Fl. purple; in alpine meadows;  
13,500 ft.
- 24225 *Gnaphalium*-sp.? *Anaphalis*  
In alpine meadows; 13,500 ft.

Number

- 24226 *Pedicularis* sp.  $\rightarrow$  *integrifolia* Hk. f.  
Fl. purple; in alpine meadows;  
13,500 ft.
- 24227 *Saussurea* sp.  $\rightarrow$  *leucoma* Diels  
Fl. purple; in scree; alpine  
region; 15,000 ft.
- 24228 *Clematis* sp.  $\rightarrow$  *trullifera* Fin. & Gagneb.  
Fl. pinkish; in spruce forests;  
11,000 ft.
- 24229 (*Buddleia* sp.?) *Salvia*  
Fl. lavender; along water  
courses; 10,000 ft.
- 24230 *Lilium* sp.?  
Fl. greenish yellow, spotted;  
in pine forests; 10,500 ft.
- 24231 *Clematis* sp.  $\rightarrow$  *Delavayi* Franch.  
Fl. white; straggling shrub;  
in pine forests; 10,500 ft.
- 24232A *Pedicularis* *superba* Fr.  
24232 *Lilium* sp.?  
Fl. pinkish yellow; in pine  
forests; 10,500 ft.
- 24233 *Pedicularis* sp.?  
(Fr. 24605) Fl. pinkish purple; alpine  
meadows; 12,500 ft. Sd. coll.
- 24234 *Boraginac.*  
Herb; fl. purplish red; in  
pine forest; 10,000 ft.
- 24235 ~~Loranthaceae~~ *Loranthus* *phillippensis* Cham. & Shl.  
Fl. red; on oak trees;  
10,000 ft.
- 24236 ~~Composite~~ *Tanacetum* *delavayi* Fr.  
Fl. yellow; in meadows; 12,000  
ft.
- 24237 *Lonicera* sp.  $\rightarrow$  *setifera* Franch.  
Shrub 2 ft.; fl. pink; April  
1932; in mixed forests; 10,000  
ft.
- 24238 *Aristolochia* sp.  $\rightarrow$  *yunnanensis* Fr.  
Climber; fl. purple; in mixed for-  
est; 10,000 ft.
- 24239 *Campanula* sp.  $\rightarrow$  *crenulatum* Diel.  
Fl. blue; July 1932; alpine  
meadows; 12,500-13,000 ft.

Rock Collections --  
Collected on mountains of Yung-ning, N.W. Yunnan, August  
1932 Cont'd.

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24240

Number

- 24240 Herb--- *Arenaria yunnanensis* var. *trichophyor* Fr.  
Fl. white; among rocks  
and scree; 13,500 ft.
- 24241 *Gentiana trichotoma* Kusnezow  
(Fr. 24606) Fl. steel blue; alpine  
meadows; 13,000 ft. Sd. coll.
- 24242 *Gnaphalium*-sp.? *Anaphalis yunnanensis* Fr.  
Fl. yellow; alpine meadows;  
13,000 ft.
- 24243 *Aconitum* sp.?-- *brachypodum* Diels  
Fl. dull blue; in fir forest;  
12,000 ft.
- 24244 *Pedicularis* sp.?-- *siphonantha* Don  
Fl. purple; alpine meadows;  
12,000 ft.
- 24245 *Camelina*-sp.? *Cyanotis arachoides* Clarke  
Fl. blue; meadows; 9,000 ft.
- 24246 Herb--- *Oligolobus sinensis* Lev. & Van.  
Fl. yellow; floating in Yung-  
ning lake; 9,600 ft.
- 24247 *Salix* sp.?- *wallichiana* And.  
Shrub 4-5 ft.; fl. yellow;  
Yung-ning lake shore 9,600  
ft.
- 24248 Shrub- *Osmanthus Delavayi* Franch.  
3-5 ft.; fl. white; Yung-ning  
lake shore; 9,600 ft.
- 24249 *Rhododendron desquamatum*  
(Fr. 24599) Shrub 5-6 ft.; fl. purple;  
in spruce forest 11,000 ft. Sd. coll.
- 24250 *Lindera* sp.?  
Shrub or tree 10-15 ft.;  
fl. yellow, fragrant as is  
the wood; forests; 11,000 ft.
- 24251 *Rhododendron niphargum*  
Tree 10-15 ft.; fl. pink; in  
forest; western slopes of Wuaha;  
11,500 ft.

Number

- 24252 *Populus*-sp.?--- *Populus Bonatii* Levl.  
Tree 15-25 ft.; in forest  
western slopes of Wuaha;  
11,500 ft.
- 24253 *Composite*-sp.? *Neouelia insignis* Franch.  
Tree 10 ft.; fl. pure white;  
dry hot slopes of Gauwua  
9,000 ft.
- 24254 *Rhododendron* sp.?-- *niphargum*  
Tree 10-15 ft.; fl. rich  
pink; in spruce forest;  
11,000 ft.
- 24255 *Primula* sp.?- *malacoides* Franch.  
Fl. pink to lavender; wet  
clay slopes; 9,500 ft.
- 24256 *Rhododendron* sp.?- *niphargum*  
Tree 10-12 ft.; fl. rich  
pink; spruce forest; 11,500  
ft.
- 24257 *Rhododendron helielepis*-forma- *rubiginosum*  
Fl. purple; spruce forest  
11,500 ft.
- 24258 *Rhododendron niphargum*  
(Fr. 24604) Shrub 6-8 ft.; fl. pink;  
spruce forest; 11,500 ft. Sd. coll.
- 24259 *Rhododendron* sp.?- *racemosum*  
Shrub 1-2 ft.; fl. pink;  
open grassy slopes 9,500-  
10,000 ft.
- 24260 *Acer* sp.?--- *cappadocicum* Gled. var. *cinicum* Rehd.  
Tree 35-40 ft.; fl. greenish  
yellow; 10,000 ft.
- 24261 *Salix* sp.?- *uaparica* Goerz  
Shrub 4 ft.; west of Yawabee  
mountain; 11,000 ft.
- 24262 *Malus*-sp.?- *Sorbus pallescens* Rehd.  
Tree 10 ft.; fl. white; west  
of Yawabee mountain; 11,000  
ft.

Number

- 24263 *Prunus* sp.?- *pleiocerasus* Koshne  
Shrub to tree, 10-20 ft.;  
west of Yawabee mountain;  
11,000 ft.
- 24264 *Quercus* sp.?- *semicarpifolia* Sm. var. *glabra*(Fr.) Hand.-Mazz.  
Shrub 4 ft.; open glades  
10,000 ft.
- 24265 *Pyrus* sp.?- *pashia* Ham.  
Tree 15-20 ft.; open glades;  
10,000 ft.
- 24266 *Clematis* sp.?-(*montana*?)-- *montana* Buch. -Ham.  
Over shrub; open glades  
10,000 ft.
- 24267 Laurac. plant  
Shrub 6-8 ft.; fl. yellow;  
open glades 10,000 ft.
- 24268 *Rhododendron* sp.?- *Davidsonianum*  
Shrub 2-3 ft.; fl. purple;  
open glades and pine forest;  
10,000 ft.
- 24269 *Gentiana* sp.?- *sino-ornata* Balf. f.  
Fl. blue; in swampy meadows;  
11,000 ft.
- 24270 *Gentiana* sp.?- *grandia* H. Sm. cf. sp.  
Fl. blue; wet meadows; 10,000  
ft.
- 24271 *Buddleia* sp.?- *asiatica* Loun.  
Fl. lavender pink; shrub 2-4  
ft.; along streams; 9,500 ft.
- 24272 *Delphinium* sp.?- *grandiflorum* Linn  
Fl. blue; in pine forest;  
10,000 ft.
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Collected on Muti Konka east of Yalung, September 1932.

- 24273 *Tremacron Forrestii* Craib.  
See no. 23709 Sd. coll.  
Herb

Cont'd.

Number

24274	<i>Senecio paradoxus</i> H-M Alpine slopes; 11,000 ft.	Sd. coll.
24275	<i>Sorbus Prattii</i> Koehne var. <i>tatsienensis</i> (Koehne) Schneid. See no. 23697	Sd. coll.
24276	<i>Berberis dictyophylla</i> Franch. See no. 23738	Sd. coll.
24277	<i>Primula sikkimensis</i> Hook. forma See no. 23676	Sd. coll.
24278	<i>Rhododendron litangense</i> See 23720	Sd. coll.
24279	<i>Xolisma villosa</i> (Wall.) Rehd. See no. 23707	Sd. coll.
24280	<i>Rhododendron sphaeroblastum</i> See no. 23699	Sd. coll.
24281	<i>Rhododendron Balfourianum</i> var. <i>aganniphoides</i> See no. 23739	Sd. coll.
24282	<i>Rhododendron acraium</i> See no. 23713	Sd. coll.
24283	<i>Rhododendron desquamatum</i> See no. 23701	Sd. coll.
24284	<i>Rhododendron phaeochrysum</i> See no. 23706	Sd. coll.
24285	<i>Rhododendron cephalanthoides</i> See no. 23737	Sd. coll.
24286	<i>Primula Prattii</i> Hemsl. See no. 23703	Sd. coll.
24287	Orchid sp.? See no. 23719	Sd. coll.
24288	<i>Primula malvacea</i> Franch. See no. 23730	Sd. coll.
24289	<i>Primula pulchella</i> Franch. See no. 23731	Sd. coll.
24290	Orchid sp.? See no. 23724	Sd. coll.
24291	<i>Primula pulchella</i> Franch. See no. 23682	Sd. coll.

Number

24292	<i>Rosa wilmottii</i> Hemsl. See no. 23722	Sd. coll.
24293	<i>Primula bathangensis</i> Petitm. See no. 23681	Sd. coll.
24294	<i>Eletilla hyacinthina</i> Rehb. f. See no. 23733	Sd. coll.
24295	<i>Rhododendron agglutinatum</i> See no. 23735	Sd. coll.
24296	<i>Rhododendron lampropeplum</i> See no. 23705	Sd. coll.
24297	<i>Primula lichiangensis</i> Forrest See no. 23696	Sd. coll.
24298	<i>Vitex yunnanensis</i> W.W.Sm. See no. 23725	Sd. coll.
24299	<i>Rhododendron coccinopeplum</i> See no. 23702	Sd. coll.
24300	<i>Androsace spinulifera</i> See no. 23674	Sd. coll.
24301	<i>Primula sikkimensis</i> Hook. forma See no. 23675	Sd. coll.
24302	<i>Rhododendron agglutinatum</i> See no. 23704	Sd. coll.
24303	<i>Iris Delavayi</i> Mich. See no. 23721	Sd. coll.
24304	<i>Rhododendron cephalanthoides</i> aff. See no. 23740	Sd. coll.
24305	<i>Meconopsis lancifolia</i> var. <i>solitariiflora</i> Fedde See no. 23711	Sd. coll.
24306	<i>Rhododendron agglutinatum</i> See no. 23710	Sd. coll.
24307	<i>Rhododendron Beesianum</i> See no. 23700	Sd. coll.
24308	<i>Cotoneaster apiculata</i> Rehd. & Wils. See no. 23741	Sd. coll.

Number

24309	<i>Rhododendron aechmophyllum</i> See no. 23714	Sd. coll.
24310	<i>Rhododendron sphaeroblastum</i> See no. 23694	Sd. coll.
24311	<i>Rhododendron sphaeroblastum</i> See no. 23693	Sd. coll.
24312	<i>Primula Prattii</i> Hemsl. See no. 23778	Sd. coll.
24313	<i>Primula septemloba</i> Franch. See no. 23692	Sd. coll.
24314	<i>Rhododendron sigillatum</i> See no. 23691	Sd. coll.
24315	<i>Aster brachytrichus</i> Fr. (not <i>Aster alpinus</i> Linn. (sensu. la.) See no. 23715	Sd. coll.
24316	<i>Lilium hyacinthinum</i> See no. 23679?	Sd. coll.
24317	<i>Rhododendron phaeochrysum</i> See no. 23736	Sd. coll.
24318	<i>Iris</i> sp.? See no. 23688	Sd. coll.
24319	<i>Rhododendron diacritum</i> See no. 23712	Sd. coll.
24320	<i>Rhododendron spilanthum</i> See no. 23734	Sd. coll.
24321	<i>Rhododendron radinum</i> See no. 23732	Sd. coll.
24322	<i>Rhododendron</i> sp.?(Selense-Thomsonii Series) See no. 23698	Sd. coll.
24323	<i>Myrsine africana</i> L. 3-4 ft.; half slopes of Muti Konka; 11,000 ft.;	Sd. coll.

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Number

24324	<i>Iris polystachya</i> Diels (not <i>Iris nepolensis</i> Don. aff.) See no. 23761	Sd. coll.
24326	<i>Rhododendron sphaeroblastum</i> Tree 5-8 ft.; fl. ?; mountains of Dzampe sheren; 12,500 ft.	Sd. coll.
24325	<i>Primula rupicola</i> Balf. f. et Forrest See no. 23764	Sd. coll.
24327	<i>Primula muliensis</i> Hand.-Mzt. See no. 23753	Sd. coll.
24328	<i>Carangana jubata</i> (Pall.) Poir. See no. 23762	Sd. coll.
24329	<i>Pedicularis</i> sp. ?- <i>mahoangensis</i> Bonati See no. 23763	Sd. coll.
24330	<i>Cremanthodium caletum</i> Diels- <i>nobile</i> Fr. See no. 23754	Sd. coll.
24331	<i>Iris polystachya</i> Diels See no. 23768	Sd. coll.
24332	<i>Veronica</i> (not <i>Veronica ciliata</i> Fisch.) See no. 23759	Sd. coll.
24333	<i>Pedicularis</i> sp. ?- <i>lachnoglossa</i> var. <i>macrantha</i> Bonati See no. 23758	Sd. coll.
24334	<i>Primula</i> sp. / <i>szechuanica</i> cf. See no. 23770?	Sd. coll.
24335	<i>Iris Delavayi</i> Mich. See no. 23771	Sd. coll.
24336	<i>Rhododendron telmateium</i> See no. 23772	Sd. coll.
24337	<i>Hydrangea xanthoneura</i> Diels var. <i>setchuenensis</i> (Rehd.) Shrub 5-6 ft.-10 ft.; mountains of Dzampe sheren; 10,000 ft.	Sd. coll.
24338	<i>Sibiraea laevigata</i> (L.) Maxim. var. <i>angustata</i> Rehd. See no. 23760	Sd. coll.

<u>Number</u>		
24339	<i>Rhododendron croceum</i> See no. 23752	Sd. coll.
24340	<i>Primula yargongensis</i> Petitm. Fl. ?; alpine meadows of Dzampe sheren; 12,500 ft.	Sd. coll.
24341	<i>Primula pulchella</i> Franch. See no. 23769	Sd. coll.
24342	<i>Nomocharis lophophora</i> Balf. f. See No. 23743	Sd. coll.
24343	<i>Rhododendron sphaeroblastum</i> See no. 23744	Sd. coll.
24344	<i>Parnassia wightiana</i> Wall. (not <i>Parnassia my- sorensis</i> Heyne) See no. 23749	Sd. coll.
24345	<i>Meconopsis horridula</i> Hook. f. & Thoms. See no. 23774	Sd. coll.
24346	<i>Rheum Alexandrae</i> See no. 23747	Sd. coll.
24347	<i>Nardostachys grandiflora</i> DC. See no. 23745	Sd. coll.
24348	<i>Primula sikkimensis</i> Hook. Alpine form See no. 23750	Sd. coll.
24349	<i>Syringa yunnanensis</i> Franch. See no. 23767	Sd. coll.
24350	<i>Rhododendron Clementinae</i> Shrub 6 ft.; fl. white; mountains of Dzampe; 12,500 ft.	Sd. coll.
24351	<i>Triosteum himalayanum</i> Wall. var. <i>chinense</i> Diels & Graebn. Fl. ?; fruits red; fir forests; 12,500 ft.	Sd. coll.

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Number

24352	<i>Primula secundiflora</i> - probably (Not <i>Iris Delavayi</i> Mich.) See No. 23796	Sd. coll.
24353	<i>Salvia flava</i> Forrest See No. 23780	Sd. coll.
24354	<i>Astragalus Balfourianus</i> Simpson? See No. 23787	Sd. coll.
24355	<i>Iris Delavayi</i> Mich. See No. 23796	Sd. coll.
24356	<i>Sedum</i> (not <i>Sedum aizoon</i> Linn.) See No. 23788	Sd. coll.
24357	<i>Saussurea centiloba</i> Hand.-Mazz. See No. 23789	Sd. coll.
24358	<i>Primula gemmifera</i> Batal. subsp. <i>zambalensis</i> Petitm. See No. 23804	Sd. coll.
24359	<i>Rhododendron agglutinatum</i> See No. 23801	Sd. coll.
24360	<i>Rhododendron croceum</i> See No. 23802	Sd. coll.
24361	<i>Rhododendron telmateium</i> See No. 23790	Sd. coll.
24362	<i>Ajuga lupulina</i> Max. See No. 23799	Sd. coll.
24363	<i>Rhododendron agglutinatum</i> See No. 23806	Sd. coll.
24364	<i>Primula sikkimensis</i> Hook. forma. See No. 23794	Sd. coll.
24365	<i>Rhododendron agglutinatum</i> (not same as 23805) See No. 23805	Sd. coll.
24366	<i>Rhododendron agglutinatum</i> See No. 23803	Sd. coll.
24367	<i>Cotoneaster acutifolia</i> Turcz. var. <i>villosula</i> Rehd. & Wils. See No. 23791	Sd. coll.

<u>Number</u>		
24368	Rhododendron croceum See No. 23785	Sd. coll.
24369	Rhododendron litangense See No. 23784	Sd. coll.
24370	Pedicularis sp.? See No. 23798	Sd. coll.
24371	Spenceria ramalana See No. 23797	Sd. coll.
24372	Gemposite- Cremanthodium augustifolium WWSm. Alpine meadows of Sagi Valley, 10,000 ft.	Sd. coll.
24373	Saussurea nigrescens Max. Fl.? alpine meadows of Sagi Valley; 10,000 ft.	Sd. coll.
24374	Podophyllum sp.? In fir forest, Sagi Valley; 12,500 ft.	Sd. coll.
24375	Iris Delavayi Mich. See No. 23786	Sd. coll.
24376	Rosa Moyesii Hemsl. & Wils. See No. 23800	Sd. coll.

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Collected on Siga Shan (Mt. Siga)

24377	<del>Lilium</del> -lephophorum Fritillaria cirrhosa Don. See No. 23870	Sd. coll.
24378	Primula yargongensis Petitm. See No. 23860	Sd. coll.
24379	Sedum yunnanense Fr. See No. 23816	Sd. coll.
24380	Philadelphus Delavayi L. Henry See No. 23815	Sd. coll.
24381	Rhododendron Balfourianum var. aganniphoides See packet marked 24380 Rhod. M.L.	Sd. coll.
24382	Rhododendron Balfourianum var. aganniphoides See No. 23811	Sd. coll.

Number

24383	Rhododendron Balfourianum var. aganniphoides See No. 23831	Sd. coll.
24384	Rhododendron aff. impeditum See No. 23854	Sd. coll.
24385	Rhododendron stictophyllum See No. 23839	Sd. coll.
24386	Cotoneaster Dielsiana E. Pritz. See No. 23844	Sd. coll.
24387	Primula Poissonii Franch. subsp. Wilsonii Dunn. See No. 23875	Sd. coll.
24388	Primula malvacea Franch. See No. 23867	Sd. coll.
24389	Cotoneaster buxifolia Wall. var. vellaea Franch. See No. 23878	Sd. coll.
24390	Cypripedium luteum See No. 23873	Sd. coll.
24391	Rosa Soulieana Crep. See No. 23813	Sd. coll.
24392	Berberis parvifolia Sprague See No. 23850	Sd. coll.
24393	Meliosma cuneifolia Franch. See No. 23868	Sd. coll.
24394	Acanthopanax evodiaefolius Franch. See No. 23869	Sd. coll.
24395	Rhododendron agglutinatum Shrub 5 ft.; fl. white?; coll. on Mt. Siga; 13,500 ft.; west of Yalung, Kulu region	Sd. coll.
24396	Primula pulchella Franch. See No. 23872	Sd. coll.
24397	Thermopsis lanceolata R. Br. (not Astragalus sinicus L.) See No. 23842	Sd. coll.
24398	Pedicularis sp.?- habachananensis Bonati See No. 23863	Sd. coll.

Number

- 24399 *Primula pulchella* Franch.  
See No. 23833 Sd. coll.
- 24400 *Xolisma ovalifolia* (Wall.) var. *lanceolata* (Wall.) Rehd. (Note that there is also a packet of *Primula* marked 24400) M.L.  
See No. 23877 (Note that there is also a packet of *Primula* marked 24400) M.L. Sd. coll.
- 24401 *Primula secundiflora* Franch. (Not *Primula pulchella* Franch.)  
See No. 23833 Sd. coll.
- 24402 *Sedum venustum* Praeger (not *Sedum algidum* Ledeb.)  
See No. 23846 Sd. coll.
- 24403 *Rhododendron sigillatum*  
See No. 23809 Sd. coll.
- 24404 *Rhododendron timeteum*  
See No. 23851 Sd. coll.
- 24405 *Ligustrum Delavayanum* Hariot.  
See No. 23843 Sd. coll.
- 24406 *Rhododendron Balfourianum* var. *aganniphoides*  
See No. 23810 Sd. coll.
- 24407 *Cornus macrophylla* Wall.  
See No. 23812 Sd. coll.
- 24408 *Primula Viali* Franch.  
See No. 23861 Sd. coll.
- 24409 *Trollius pumilus* Don var. *yunnanensis* Franch.  
See No. 23864 Sd. coll.
- 24410 *Rhododendron agglutinatum*  
See No. 23818 Sd. coll.
- 24411 *Calophaca polystichoides* Hand.-Mazz.  
See No. 23855 Sd. coll.
- 24412 Herb  
See No. 23834 Sd. coll.
- 24413 *Rhododendron Przewalskii*  
Shrub 3 ft.; fl. white;  
collected on Mt. Siga;  
13,500 ft. Sd. coll.
- 24414 *Rhododendron agglutinatum* (not same as 23848)  
See No. 23848 Sd. coll.

<u>Number</u>		
24415	<i>Stellera chamaejasme</i> L. See No. 23915	Sd. coll.
24416	<i>Berberis diaphana</i> Maxim. See No. 23911	Sd. coll.
24417	<i>Primula secundiflora</i> Franch. See No. 23916	Sd. coll.
24418	<i>Rhododendron sigillatum</i> See No. 23906	Sd. coll.
24419	<i>Prunus serrula</i> Franch. var. <i>tibetica</i> (Batal.) Koehne See No. 23897	Sd. coll.
24420	<i>Primula Cockburniana</i> Hemsl. See No. 23891	Sd. coll.
24421	<i>Rhododendron timeteum</i> See No. 23910	Sd. coll.
24422	<i>Primula Rockii</i> W.W.Sm. See No. 23879	Sd. coll.
24423	<i>Pedicularis</i> sp.? See No. 23907	Sd. coll.
24424	<i>Incarvillea grandiflora</i> var. <i>brevipes</i> Sprague See No. 23909	Sd. coll.
24425	<i>Primula leucochoa</i> Hand.-Mzt. See No. 23892	Sd. coll.
24426	<i>Spiraea ovalis</i> Rehd. See No. 23889	Sd. coll.
24427	<i>Malus baccata</i> Borkh. var. <i>himalaica</i> Schneid. See No. 23833	Sd. coll.
24428	<i>Aguilegia exysepala</i> Trautv. & Mey. var. <i>flabellata</i> S & Z See No. 23885	Sd. coll.
24429	<i>Rubus stans</i> Focke See No. 23896	Sd. coll.
24430	<i>Evonymus</i> sp. 2- See No. 23894	Sd. coll.
24431	<i>Viburnum betulifolium</i> Batal. See No. 23888	Sd. coll.

Number

24432	<i>Rhododendron aechmophyllum</i> (not same as 23899) See No. 23899	Sd. coll.
24433	<i>Rhododendron decorum</i> See No. 23887 ?	Sd. coll.
24434	<i>Rhododendron vernicosum</i> See No. 23908	Sd. coll.
24435	<i>Evonymus nanoides</i> Loes. & Rehd. See No. 23902	Sd. coll.
24436	<i>Primula leucochnoa</i> Hand.-Mzt. See No. 23886	Sd. coll.
24437	<i>Primula leucochnoa</i> Hand.-Mzt. See No. 23880	Sd. coll.
24438	<i>Primula leucochnoa</i> Hand.-Mzt. See No. 23882	Sd. coll.
24439	<i>Rhododendron radinum</i> See No. 23890	Sd. coll.
24440	<i>Rhododendron</i> sp. ?-(Selense-Thomsonii Series) See No. 23895	Sd. coll.
24441	<i>Omphalogramma vinciflorum</i> Franch. See No. 23881	Sd. coll.
24442	<i>Primula szechuanica</i> Pax vel. aff. (Not-23904) See No. 23904)	Sd. coll.

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Collected mountains of Kulu, October 1932.

24443	<i>Incarvillea</i> sp. 2_ Open grassy slopes, 13,000 ft. Kulu.	Sd. coll.
24444	<i>Androsace spinulifera</i> See No. 23917	Sd. coll.
24445	<i>Rhododendron helvolum</i> See No. 23966	Sd. coll.
24446	<i>Rhododendron blepharocalyx</i> See No. 23925	Sd. coll.
24447	<i>Primula leucochnoa</i> Hand.-Mzt. vel. aff. See No. 23934	Sd. coll.

Number

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| 24448 | Prunus Franch. var. tibetica (Batal.) Koehne<br>(Prunus Sd. is <u>not</u> Primula M.L.)<br>See No. 23932 | Sd. coll. |
| 24449 | Rosa omsiensis Rolfe<br>See No. 23948  | Sd. coll. |
| 24450 | Ribes tenue Jancz.<br>See No. 23935  | Sd. coll. |
| 24451 | Iris sp.?<br>See No. 23949   | Sd. coll. |
| 24452 | Lonicera thibetica Bur. & Franch.<br>See No. 23924   | Sd. coll. |
| 24453 | Astragalus sp.?<br>Alpine region of Kulu; 14,500 ft.   | Sd. coll. |

<u>Number</u>		
24454	<i>Cremanthodium nobile</i> (Franch.)-Diels <i>prattii</i> Hemsl.? See No. 23944	Sd. coll.
24455	<i>Saxifraga-erassifolia</i> Fritsch. <i>Silene chungitiensis</i> W.W. Wms. See No. 23954	Sd. coll.
24456	<i>Lonicera mitis</i> Rehd. See No. 23970	Sd. coll.
24457	<i>Rhododendron sigillatum</i> Tree 6-8 ft.; fl. white; alpine region of Kulu; 13,500 ft.	Sd. coll.
24458	<i>Rhododendron</i> sp.?- (Fortunei Series) See No. 23922?	Sd. coll.
24459	<i>Rhododendron helvolum</i> See No. 23968?	Sd. coll.
24460	<i>Rhododendron impeditum</i> See No. 23926	Sd. coll.
24461	<i>Rhododendron sigillatum</i> See No. 23974	Sd. coll.
24462	<i>Meconopsis integrifolia</i> (Maxim.) Fr. See No. 23960	Sd. coll.
24463	<i>Primula szechuanica</i> Pax See No. 23959	Sd. coll.
24464	<i>Rhododendron</i> sp.?- (Lapponicum Series) Shrub 2 ft.; fl. ? alpine region grassy slopes of Kulu mountains; 13,000 ft.	Sd. coll.
24465	<i>Primula conica</i> See No. 23938	Sd. coll.
24466	<i>Lonicera szechuanica</i> Batal? Shrub 3-4 ft.; fl. ? fruits red to orange red; in fir forest; 13,000 ft., Kulu.	Sd. coll.
24467	<i>Hippophae rhamnoides</i> L. Shrub 6-10 ft.; along streams 12,000 ft.	Sd. coll.
24468	<i>Silene otadanta</i> Franch. Fl. ? alpine meadows 12,500 ft., Kulu.	Sd. coll.

Number

- 24469 *Cyananthus formosus* Diels  
Fl. purplish blue; in scree;  
14,500 ft. Sd. coll.
- 24470 *Cremanthodium campanulatum* Diels  
On alpine scree; 14,500 ft. Sd. coll.
- 24471 *Rhododendron* sp.? (*Selense-Thomsonii* Series)  
See No. 23933 Sd. coll.
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Collected on Mt. Kaushu shan, Leilung (Leirong) Oct. 1932

- 24472 *Primula vittata* Franch.  
See No. 24091 Sd. coll.
- 24473 *Sedum* (not *Sedum bupleuroides* var. *rotaundatum*  
(Hemsl.) Frod.)  
See No. 24077 Sd. coll.
- 24474 *Aster alpinus* Linn. (sensu lat.) (not *Aster*  
*Delavayi* Fr.)  
See No. 24076 Sd. coll.
- 24475 *Diapensia purpurea* Diels  
See No. 24076 Sd. coll.
- 24476 *Primula conica* Balf.f. et Forrest  
See No. 24061 Sd. coll.
- 24477 *Cardamine macrophylla*? (not *Megacarpaea Delavayi*)  
See No. 24060 Sd. coll.
- 24478 *Silene* sp.? (not *Silene adenantha* Fr.)  
See No. 24105 Sd. coll.
- 24479 *Salvia* (not *Dracocephalum*)  
See No. 24118 Sd. coll.
- 24480 *Satureia umbrosa*  
Fl.? in meadows 11,000 ft. Sd. coll.
- 24481 *Rhododendron sphaeroblastum*  
See No. 24062 Sd. coll.
- 24482 *Coluria elegans*-var.-*imbricata*-*purdonii* Evans  
See No. 24081 Sd. coll.
- 24483 *Acer Davidi* Franch.  
Tree 25 ft.; in mixed forest with  
firs, spruces 12,500 ft. Sd. coll.

<u>Number</u>			
24484	Nothoscordum	Herb; in moss in fir forest	Sd. coll.
24485	Phlomis rotata Linn.	See No. 24080	Sd. coll.
24486	Geranium platypetalum-Franch.	nepalense Sweet See No. 24104	Sd. coll.
24487	Rhododendron Wardii	See No. 24079	Sd. coll.
24488	Daphne retusa Hemsl.	See No. 24063	Sd. coll.
24489	Rhododendron cephalanthoides	See No. 24067	Sd. coll.
24490	Primula sp.?- vittata Franch.	See No. 24093	Sd. coll.
24491	Parnassia delavayi-Franch.	Wightiana Wall., E.D.M. See No. 24107	Sd. coll.
24492	Liliac	See No. 24101	Sd. coll.
24493	Viburnum kansuense Batal	See No. 24086	Sd. coll.
24494	Primula sikkimensis Hook.	See No. 24083	Sd. coll.
24495	Rhododendron croceum	Shrub 6-8 ft.; fl. yellow; in spruce forest; 12,500 ft.	Sd. coll.
24496	Primula sikkimensis Hook.	See No. 24098	Sd. coll.
24497	Primula yargongensis Petitm.	See No. 24089	Sd. coll.
24498	Primula leucochnoa Hand.-Mzt.	See No. 24074	Sd. coll.
24499	Ajuga lupulina Max.	See No. 24083	Sd. coll.
24500	Potentilla-curviseta-Heck.f.	Sibbaldia procumbens Linn. See No. 24120	Sd. coll.

Number

24501	Rhododendron prunum See No. 24078	Sd. coll.
24502	Prenanthes radiculiflora Babt. See No. 24094	Sd. coll.
24503	Rhododendron aischropeplum See No. 24066	Sd. coll.
24504	Cremanthodium campanulatum (Franch.) Diels See No. 24070	Sd. coll.
24505	Primula szechuanica Pax See No. 24073	Sd. coll.
24506	Pedicularis sp.? See No. 24109	Sd. coll.
24507	Trollius pumilus <del>Don</del> var. yunnanensis Franch. patulus Ait See No. 24103	Sd. coll.
24508	Rosa graciliflora Rehd. & Wils. See No. 24090	Sd. coll.
24509	Senecio Fl. ?; alpine meadows; 12,500 ft. Leilung mountains	Sd. coll.

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Collected west of Mt. Mitzuga, Muli, Oct. 1932.

24510	(Herb) See No. 23993	Sd. coll.
24511	Rheum Delavayi Fr. (not Polygonum Hookeri Meisn.) See No. 24018	Sd. coll.
24512	Rhododendron agglutinatum See No. 24017	Sd. coll.
24513	Berberis yunnanensis Franch. See No. 24025	Sd. coll.
24514	Satureia (Calamintha chinensis Briq. - Merrill See No. 23988	Sd. coll.
24515	(Liliac.-herb) Allium victorialis Linn. See No. 23989	Sd. coll.
24516	Betula Delavayi Franch. See No. 24049	Sd. coll.
24517	Saussurea trullifolia W.W.Sm. See No. 23994	Sd. coll.

Number

24518	Cruciferae-- Cheiranthus acaulis H.M. See No. 24057	Sd. coll.
24519	Primula Poissonii Franch. subsp. Wilsonii Dunn See No. 24032	Sd. coll.
24520	Ribes glaciale Wall. See No. 24054	Sd. coll.
24521	Primula Poissonii Franch. subsp. Wilsonii Dunn See No. 24036	Sd. coll.
24522	Pittosporum heterophyllum Franch. Collected on banks of Litang River below Muli; 8,000 ft.	Sd. coll.
24523	Cyananthus See No. 23975	Sd. coll.
24524	Rhododendron agglutinatum See No. 24037	Sd. coll.
24525	Primula sikkimensis Hook. forma See No. 24020	Sd. coll.
24526	Pleurospermum foetidum Fr. See No. 23976	Sd. coll.
24527	Pedicularis sp.?-- scolopax Max? See No. 23998	Sd. coll.
24528	Cremanthodium descainii Clarke-- smithianum H.-M. val. aff. See No. 24000	Sd. coll.
24529	Nepeta See No. 24001	Sd. coll.
24530	Aconitum rotundifolium Maxim. var. tanguticum K.&K. See No. 23999	Sd. coll.
24531	Rhododendron hemitrichotum See No. 23997	Sd. coll.
24532	Eriophyton wallichianum See No. 23997	Sd. coll.
24533	Potentilla purpurea Royle See No. 24038	Sd. coll.
24534	Acer caesium Wall. See No. 24011	Sd. coll.

Number

24535	<i>Oreocharis aurantiaca</i> Franch. See No. 23983	Sd. coll.
24536	<i>Lonicera deflexicalyx</i> Batal. var. <i>zerocalyx</i> (Diels) Rehd. See No. 24044	Sd. coll.
24537	<i>Prunus tomentosa</i> Thbg. See No. 24014	Sd. coll.
24538	<i>Cynoglossum triste</i> Diels See No. 24027	Sd. coll.
24539	<i>Caragana Franchetiana</i> Koma See No. 24031	Sd. coll.
24540	<i>Rhododendron</i> sp.? (Cephalanthum Series) See No. 24055	Sd. coll.
24541	<i>Rhododendron hemitrichotum</i> See No. 24058	Sd. coll.
24542	<i>Lonicera lanceolata</i> Wall. See No. 24043	Sd. coll.
24543	<i>Primula blattariformis</i> Franch. See No. 23981	Sd. coll.
24544	<i>Rhododendron radium</i> See No. 24024	Sd. coll.
24545	<i>Primula secundiflora</i> Franch. See No. 24022	Sd. coll.
24546	<i>Pedicularis</i> sp.? <i>rhodotricha</i> Max See No. 23978	Sd. coll.
24547	{ <i>Aster alpinus</i> Linn.} (not <i>Aster staticifolius</i> Fr.) (sensu lat.) See No. 24047	Sd. coll.
24548	<i>Lonicera syringantha</i> Maxim. var. <i>minor</i> Maxim. See No. 24056	Sd. coll.
24549	<i>Sophora vicifolia</i> Hance 4-6 ft.; fl. pale blue; west slopes of Mitzuga; 11,000 ft. in scrub forest.	Sd. coll.
24550	<i>Pedicularis</i> sp.? See No. 23987	Sd. coll.

Number

24551	<i>Androsace spinulifera</i> See No. 24048	Sd. coll.
24552	<i>Scutellaria Rehderiana</i> Diels See No. 24052	Sd. coll.
24553	<i>Sorbus Prattii</i> Koehne var. <i>tatsienensis</i> (Koehne) Schneid. See No. 24041	Sd. coll.
24554	<i>Cotoneaster adpressa</i> Bois. See No. 23996	Sd. coll.

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Collected between Muli and Kulu on high alpine mountains Sept-  
Oct. 1932

24555	<i>Celtis Bungeana</i> Bl. 20 ft.; in valleys, debouching into Litang River; 8,000 ft.	Sd. coll.
24556	<i>Ilex dipyrena</i> Wall. Shrub 6-8 ft.; Litang River; 8,000 ft. Same locality descr. as 24555	Sd. coll.
24557	<i>Rosa omiensis</i> Rolfe f. <i>pteracantha</i> Rehd. & Wils. See No. 24127	Sd. coll.
24558	<i>Hemerocallis</i> sp.? See No. 24146	Sd. coll.
24559	<i>Lonicera tangutica</i> Maxim. See No. 24125	Sd. coll.
24560	<i>Cotoneaster hebephylla</i> Diels. See No. 24130	Sd. coll.
24561	<i>Rosa Soulieana</i> Crep. See No. 24138	Sd. coll.
24562	<i>Alanjum chinense</i> (Lous.) Rehd. See No. 24149	Sd. coll.
24563	<i>Vaccinium fragile</i> Franch. ( Not <i>Lonicera</i> ) See No. 24145 (Pkg. very little seed)	Sd. coll.

Rock Collections --  
Collected between Muli and Kulu on high alpine  
mountains. Sept-Oct 1932

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24564

<u>Number</u>		
24564	<i>Jasminum humile</i> L. See No. 24144	Sd. coll.
24565	<i>Indigofera pseudotinctoria</i> Matsum. See No. 24148	Sd. coll.
24566	<i>Disporum pullum</i> See No. 24147	Sd. coll.
24567	<i>Paeonia lutea</i> Franch. See No. 24123	Sd. coll.
24568	<i>Stranvaesia Davidiana</i> Dcne var. <i>undulata</i> (Dcne.) Rehd. & Wils.	Sd. coll.
24569	<i>Rhododendron coriaceum</i> Tree 10-20 ft.; fl. ?; in spruce forest; 11,000 ft.	Sd. coll.
24570	<i>Desmodium/tiliaefolium</i> (D. Don.) G. Don. var. See No. 24142	Sd. coll.
24571	<i>Asparagus</i> sp.? See No. 24131	Sd. coll.
24572	<i>Styrax shiveliensis</i> W.W. Smith? See No. 24150	Sd. coll.
24573	<i>Rhododendron fictolacteum</i> form See No. 24141	Sd. coll.
24574	<i>Vitis betulifolia</i> Diels & Gilg. See No. 24133	Sd. coll.
24575	<i>Pipthanthus concolor</i> Craib. See No. 24121	Sd. coll.
24576	<i>Dipelta yunnanensis</i> Franch. See No. 24139	Sd. coll.
24577	<i>Bauhinia</i> sp.? See No. 24136	Sd. coll.
24578	<i>Evonymus grandiflora</i> Wall. See No. 24134	Sd. coll.

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Number

24579	<i>Primula Beesiana</i> Forrest See No. 24174	Sd. coll.
24580	<i>Primula Viali</i> Franch. See No. 24175	Sd. coll.
24581	<i>Aster vestitus</i> Fr. (not <i>Aster</i> sp.?) See No. 24171	Sd. coll.
24582	<i>Rhododendron Beesianum</i> See No. 24165	Sd. coll.
24583	<i>Rhododendron Beesianum</i> See No. 24160	Sd. coll.
24584	<i>Impatiens</i> See No. 24173	Sd. coll.
24585	<i>Ribes emodense</i> Rehd. See No. 24158	Sd. coll.
24586	<i>Primula Poissonii</i> Franch. See No. 24183	Sd. coll.
24587	<i>Didissandra grandia</i> Craib See No. 24178	Sd. coll.
24588	<i>Evonymus tingens</i> Wall. Shrub 3-4 ft.; Mt. Gibboh slopes, 10,000 ft. in forests of oak.	Sd. coll.
24589	<i>Delphinium vestitum</i> See No. 24166	Sd. coll.
24590	<i>Crataegus chungtienensis</i> W.W.Sm. See No. 24156	Sd. coll.
24591	<i>Rhododendron aechmophyllum</i> See No. 24164	Sd. coll.
24592	<i>Rhododendron aechmophyllum</i> See No. 24157	Sd. coll.
24593	<i>Silene tenuis</i> var. <i>rubescens</i> Fr.? (not <i>Silene</i> <i>yunnanensis</i> Franch. ) See No. 24170	Sd. coll.
24594	<i>Adenophora coelestris</i> Diels See No. 24182	Sd. coll.
24595	<i>Abutilon Avicennae</i> Gaertn. Fl. yellow; in Litang River valley; 8,000 ft.	Sd. coll.

Number

- 24596 *Codonopsis* sp.? See No. 24168 Sd. coll.  
24597 *Cremanthodium suave - W. Sm. lineare* Max. See No. 24191 Sd. coll.

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Collected in  
Wuaha Mountains, Yunnan, District of Yung-ning.  
Oct-Nov 1932

- 24598 *Cimcifuga foetida* L. probably See No. 24201 Sd. coll.  
24599 *Rhododendron desquamatum* See No. 24249 Sd. coll.  
24600 *Rosa omeiensis* Rolfe See No. 24208 Sd. coll.  
24601 *Senecio dictyoneurus* Fr.? See No. 24209 Sd. coll.  
24602 *Rhododendron yunnanense* See No. 24206 Sd. coll.  
24603 *Didissandra cordatula* Craib. See No. 24218 Sd. coll.  
24604 *Rhododendron niphargum* See No. 24258 Sd. coll.  
24605 *Pedicularis* sp.? -- mahoangensis Bonati See No. 24233 Sd. coll.  
24606 *Gentiana trichotoma* Kusnezow See No. 24241 Sd. coll.

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Collected in the mountains of Hsia Chung-tien, mountains  
to the east of it. April-May 1932.

- 24607 *Primula chionantha* Balf.f. et Forrest vel. aff. (Fr. 25243) Fl. pale blue; alpine meadows; 13,500 ft. Sd. coll.  
24608 *Meconopsis horridula* Hook.f. & Thoms. (Fr. 25248) Fl. purple; in scree at 14,500 ft. Sd. coll.

Number

- 24609 *Rhododendron desquamatum*  
(Fr. 25247) Fl. purplish pink; in spruce forest shrub 8-12 ft. 12,000 ft. Sd. coll.
- 24610 *Morina* sp. ~~?~~ (*Bulleyana* ~~?~~) *bulleyana* Gor. & Balf. f.  
Fl. purplish red; alpine meadows; 11,500 ft.
- 24611 *Rhododendron* sp. ~~?~~ *agglutinatum*  
Tree 10-25 ft.; fl. pink; in fir forest; 12,000 ft.
- 24612 *Rhododendron adenophorum*  
(Fr. 25246) Tree 10-15 ft.; fl. reddish purple; above fir forest; 13,500 ft.-14,000 ft. Sd. coll.
- 24613 *Primula vittata* Franch.  
(Fr. 25245) Fl. purple; in wet alpine meadows; 13,500-14,000 ft. Sd. coll.
- 24614 *Primula sinopurpurea* Balf.f. vel. aff.  
(Fr. 25255) Fl. pale blue; in dry alpine meadows; 13,500 ft. Sd. coll.
- 24615 *Primula chionantha* Balf.f. et Forrest vel. aff.  
(Fr. 25244) Fl. snow white; in dry alpine meadows; 13,500 ft. Sd. coll.
- 24616 *Rhododendron* sp. ~~?~~ *gelvolum*  
Tree 15-20 ft.; in fir forest 12,500 ft.
- 24617 *Omphalogramma vinciflorum* Franch.  
(Fr. 25242) Fl. indigo blue; in alpine meadows; 12,500 ft. Sd. coll.
- 24618 Cushion plant -- *Saxifraga pulchra* Engl. & Irmsch  
Fl. pink; on boulders at 15,000 ft.
- 24619 *Rhododendron* sp. ~~?~~ *vernicosum*  
Tree 10-15 ft.; fl. pink; in fir forest; 12,500 ft.
- 24620 *Cornus macrophylla* Wall.  
(Fr. 25249) Tree 25-30 ft.; fl. white; along streams in hemlock *Tsuga* forest; 11,500 ft. Sd. coll.

Number

- 24621 *Syringa* sp.? - *yunnanensis* Franch.  
Shrub 10-12 ft.; fl. pink,  
fragrant; along streams in  
hemlock *Tsuga* forest; 11,500 ft.
- 24622 (*Neillia* sp.?.) *Viburnum*  
Shrub 2 ft.; fl. pink; in  
spruce forest; 11,000 ft.

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Mts. west of Hsiao Chung-tien, N. W. Yunnan. April-May.

- 24623 *Rhododendron Traillianum*  
(Fr. 25259) Tree 25 ft. tall; fl. white;  
in fir forests; 12,500 ft. Sd. coll.
- 24624 *Gnaphalium* sp.? *Anaphalis cuneifolia* Hk. f.  
Fl. white; meadows at 13,000 ft.
- 24625 *Gentiana trichotoma* Kusnev  
Herb; fl. rich blue; meadows  
at 13,000 ft.
- 24626 Composite *Prenanthes* det. Babcock  
Fl. purple; meadows at 13,000  
ft.
- 24627 *Codonopsis* sp.?  
Fl. pale greyish blue; meadows  
at 13,000 ft.
- 24628 *Saxifraga* sp.?  
Fl. yellow; on boulders; 14,000  
ft.
- 24629 *Viburnum betulifolium* Batal.  
(Fr. 25269) Shrub 6-8 ft.; fl. white; in  
spruce forest; 11,000 ft. Sd. coll.
- 24630 *Rosa* sp.? - *sertata* Rolfe  
Shrub 6-8 ft.; fl. red; in  
spruce forest; 11,500 ft.
- 24631 *Prunus crataegifolia* Hand.-Mazz.  
(Fr. 25266) Shrub or tree 25 ft.; fl.  
pinkish white in spruce forest;  
11,500 ft. Sd. coll.
- 24632 *Primula amethystina* Franch.  
(Fr. 25261) Fl. white; alpine meadows  
13,500 ft. Sd. coll.

Number

- 24633 *Pedicularis* sp.? *Smithiana* Bonati  
Fl. yellow; alpine meadows  
13,500 ft.
- 24634 *Saxifraga nutans* HK. f. & Th.  
(Fr. 25264) Fl. yellow; in meadows edge  
of pine forest; 10,500 ft. Sd. coll.
- 24635 *Rhododendron* sp.? *radinum*  
Shrub 2-3 ft.; fl. white; in  
spruce forest; 11,000 ft.
- 24636 *Primula conica* Balf.f. et Forrest vel. aff.  
(Fr. 25263) Fl. blue; alpine meadows;  
13,500 ft. Sd. coll.
- 24637 *Meconopsis horridula* Hook.f. & Thoms.  
(Fr. 25271) Fl. purplish blue; alpine meadows  
12,000 ft. Sd. coll.
- 24638 *Primula sonchifolia*  
Fl. blue; wet alpine meadows  
in snow; 13,500 ft.
- 24639 *Aster* sp.? *alpinus* Linn. sensu lat.  
Fl. blue; alpine meadows;  
13,500 ft.
- 24640 *Amaryllis* sp.? *Frittilaria* sp.? *cirrrosa* Don.  
Fl. purplish blue, glaucous; in  
alpine meadows; 13,000 ft.
- 24641 *Omphalogramma*  
(Fr. 25253) Fl. purple-blue; alpine meadow  
in wet reg. 14,000 ft. Sd. coll.
- 24642 *Incarvillea grandiflora* var. *brevipes* Sprague  
(Fr. 25262) Fl. magenta red; in alpine meadows  
12,500-13,000 ft. Sd. coll.
- 24643 *Primula calliantha* Franch.  
(Fr. 25265) Fl. blue; among rocks in fir  
forest; 12,500 ft. Sd. coll.
- 24644 *Pedicularis* sp.?  
(Fr. 25268) Fl. purplish red; alpine  
meadows; 13,500 ft. Sd. coll.
- 24645 *Rhododendron* sp.? *paludosum* aff.  
Shrub 3-4 ft.; fl. blue; alpine  
meadows; 13,500 ft.

Number

- 24646 Rhododendron Traillianum  
(Fr. 25252) Tree 15-20 ft.; fl. pink; in  
fir forest; 12,500 ft. Sd. coll.
- 24647 Primula chionantha Balf.f. et Forrest vel. aff.  
(Fr. 25256) Fl. white; alpine meadows  
13,500 ft. Sd. coll.
- 24648 Larix Potaninii Batal.  
(Fr. 25270) Tree 30-40 ft.; alpine reg.;  
15,000 ft. Sd. coll.
- 24649 Allium ~~sp.?~~ govianum Wall.  
Fl. white; alpine meadows;  
13,500 ft.
- 24650 Rhododendron ~~sp.?~~ Beesianum  
Tree 20-25 ft.; fl. rich pink;  
in fir forest; 13,000 ft.
- 24651 Stellera Chamaejasme  
Fl. yellow; pine forest;  
10,000 ft.
- 24652 Sorbus multijuga Koehne  
Shrub 10-15 ft.; fl. white; in  
fir forest; 12,500 ft.
- 24653 Rhododendron niphargum  
(Fr. 25251) Tree 30-35 ft. tall; trunk 2  
ft. in diam.; fl. pink; in fir  
and spruce forest; 11,500 ft. Sd. coll.
- 24654 Rhododendron ~~sp.?~~ vernicosum  
Tree 10-15 ft.; fl. white; in  
fir and spruce forest; 11,500 ft.
- 24655 Primula amethystina Franch. subsp. brevifolia  
Forrest  
(Fr. 25254) Fl. dark blue; alpine meadows;  
13,500 ft. Sd. coll.
- 24656 Rhododendron rhailbocarpum  
(Fr. 25260) Tree 10-15 ft.; stems hairy; fl.  
pale pink; in fir forest; 13,000  
ft. Sd. coll.
- 24657 Rhododendron heliolepis  
Shrub 10 ft.; fl. pink; in spruce  
forest; 11,500 ft.

Number

- 24658 *Rhododendron* sp.?- *racemosum*  
Shrub 3-4 ft.; fl. pink;  
in pine forests; 10,000 ft.
- 24659 *Rhododendron cantabile*  
(Fr. 25258) Shrub 1-2 ft.; fl. pale blue;  
alpine meadows; 14,000 ft. Sd. coll.
- 24660 *Rhododendron preptum* aff.  
(Fr. 25272) Tree 20-25 ft. fl. rich pink;  
in spruce forest; 11,500 ft. Sd. coll.
- 24661 *Potentilla ambigua* Craib.  
Fl. yellow in wet places  
alpine meadows; 14,000 ft.
- 24662 *Lilium* sp.? Fl. pale yellow; in fir forest;  
13,000 ft.
- 24663 *Polygonum* sp.? Fl. reddish pink; in alpine  
meadows; 13,000 ft.
- 24664 *Anemone* sp.?- *obtusiloba* Don.  
Fl. white; in alpine meadows;  
13,000 ft.
- 24665 Herb Fl. white; in water courses;  
alpine meadows 13,000 ft.
- 24666 *Anemone* sp.? Fl. blue; dry alpine meadows;  
13,000 ft.
- 24667 *Primula sinopurpurea* Balf.f. vel. aff.  
(Fr. 25257) Fl. purplish blue; alpine  
meadows; 13,000 ft. Sd.coll.
- 24668 *Viburnum cordifolium* Wall.  
(Fr. 25267) Shrub 10-15 ft.; fl. white;  
in fir forest; 12,500 ft. Sd. coll.
- 24669 *Dracocephalum* sp.? Fl. blue; in pine forests;  
10,000 ft.

Number

- 24670 *Senecio* sp.? (cf. *Cremanthodium*)  
Fl. yellow; in alpine  
meadows; 13,000 ft.
- 24671 *Polypodium* sp.? *griffithianum* Mook.  
In spruce forest; 11,500 ft.
- 24672 *Didissandra* sp.? *lanuginosa* Clarke  
Fl. blue; on boulders and  
cliffs; 12,000 ft.
- 24673 *Hypericum* sp.?- *patulum* Thbg. var. *Henryi* Veitch  
Shrub 3 ft.; fl. yellow;  
in pine forests; 10,000 ft.
- 24674 Herb  
Fl. red; in pine forests;  
10,000 ft.
- 24675 *Lilium* sp.? *ducharteri* Fr. var. *farreri* Krause  
Fl. pink; pine forests;  
10,000 ft.
- 24676 *Lilium* sp.?- *taliense* Fr.  
Fl. white; on edge of canebrake  
groves; 12,500 ft.
- 24677 *Dipelta* sp.?- *yunnanensis* Franch.  
Shrub 3-5 ft.; fl. pale yellow;  
in oak and pine forest; 10,000  
ft.
- 24678 *Duclouxia*-sp.-2- *Decaisnea Fargesii* Franch.  
Shrub 8-10 ft.; fl. yellow  
in valleys at 8,000 ft.
- 24679 Woody-climber----- *Celastrus gemmata* Loes.  
20 ft. or more; fl. yellowish  
green; valleys at 8,000 ft.
- 24680 *Fraxinus* sp.?- *Paxiana* Lingelsh. var. *sikkimensis* Lingelsh.  
Tree 25-30 ft.; fl. yellow in  
Valleys 8,000 ft.; Yundo Jyi  
stream
- 24681 *Itea yunnanensis* Frnch.  
Prostrate shrub; 10 ft. or  
more; fl. yellow; over  
boulders; valleys 8,000 ft.

Number

- 24682 Senecio sp.? Fl. yellow; meadows and water courses; 10,000 ft. cinerascens Fr.)
- 24683 Desmodium sp.?-- esquirolii Lev. (D. franchetii Rehd., D./ 4-5 ft.; fl. pink; in valleys and water courses 10,000 ft.
- 24684 Herb- Nardostachys katamansi DC Fl. purplish red; alpine meadows; 12,000 ft.
- 24685 Sanguisorba officinalis (L) Fl. (rosaceous) dark red; in meadows; 11,000 ft. Sd. coll.
- (Fr. 25280)
- 24686 Rhododendron sinolepidotum Shrub 1 ft.; fl. red; with oak scrub; 11,000 ft. Sd. coll.
- (Fr. 25278)
- 24687 Thalictrum sp.? virgatum Hk. f. & Th. Fl. white; in pine forests; 10,000 ft.
- 24688 Berberis sp.? elegans (Fr.) Schn. (B. amoena Dunn) -Ames det.) Shrub 1-2 ft.; fl. yellow; in meadows; 10,000 ft.
- 24689 Tiarella sp.?-(Polyphylla?)-- Saxifraga rufescens Balf. f. On mossy rocks, spruce forests; 11,500 ft.
- 24690 Vine- Ceropogia monticola WWSm. ? -not on list 10-20 ft. long; fl. blue; over shrubs in valleys along stream; 9,000 ft.
- 24691 Ericac. sp.?-- Vaccinium fragile Franch. Shrub 1 ft.; fl. red; in pine forests; 9,000 ft.
- 24692 Morina sp.? betonicoides Benth Fl. white; in meadows; 11,000 ft.
- 24693 Herb-- Ruellia drymophylla (Diels) H.-M. Fl. white; in clayey banks along trail; 10,000 ft.

Number

- 24694 *Rhododendron cantabile*  
(Fr. 25277) Shrub 2-3 ft.; meadows of  
Chung-tien; 11,500 ft. Sd. coll.
- 24695 *Acer sp.? tetramerum* Pax. var. *betulifolium* (Maxim.) Rehd.  
Tree 40-50 ft.; fl. yellow;  
in mixed forests; 12,000 ft.
- 24696 *Iris sp.?*  
(Fr. 25279) Fl. dark blue; in meadows  
of Chung-tien; 11,500-12,000  
ft. Sd. coll.
- 24697 *Cypripedium sp.?*  
Fl. purplish red; in meadows;  
12,000 ft.
- 24698 *Disporum sp.? cantoniense* (Lour.) Merr.  
Fl. yellow; in pine forests;  
10,000 ft.
- 24699 *Schisandra propinqua* Hook. f. & Th. var. *chinesis* Oliv.  
(Fr. 25273) Woody climber; fl. red; in  
spruce forest; 12,000 ft. Sd. coll.
- 24700 *Orchid-sp.? Pleione delavayi* Rolfe  
Fl. purple; on boulders; roots  
edible; 11,000 ft.
- 24701 *Rhododendron sp.? hippophaecoides*  
1 ft. tall; fl. red; in wet  
meadows; 12,000 ft.
- 24702 *Rosa sp.? Soulieana* Crep.  
Shrub 8-10 ft., spreading;  
fl. white; near pine forests;  
10,000 ft.
- 24703 *Orchid*  
Fl. yellow; in pine forest;  
dry slopes; 10,000 ft.
- 24704 *Cypripedium sp.? luteum* Fr.  
Fl. yellow; in spruce forests;  
11,000 ft.
- 24705 *Jasmine sp.?*  
3-5 ft.; fl. yellow; in meadows;  
11,000 ft.
- 24706 *Malus-sp.? Sorbus pallescens* Rehd.  
Tree 30 ft.; fl. white; in pine  
forest; 10,000 ft.

Number

- 24707 Tree- *Prunus brachypoda* Batal.  
40-60 ft.; fl. white; in  
pine and oak forest; 11,000  
ft.
- 24708 Iris sp.?  
Fl. pale yellow; in meadows;  
11,500 ft.
- 24709 *Rhododendron* sp.-2- *radinum*  
Shrub 2-3 ft.; fl. white; in  
pine forest; 10,500 ft.
- 24710 *Quercus* sp.-2- *spinosa* David var.?  
Shrub 4 ft.; in open oak scrub  
and pine forests; 11,000 ft.
- 24711 *Lonicera* sp.-2- *lanceolata* Wall.  
Shrub 6-8 ft.; fl. red; in  
spruce forest 12,000 ft.
- 24712 *Araliaceae*- *Acanthopanax* *Wilsonii* Harms.  
Shrub 6 ft.; fl. yellow; in  
spruce forest; 12,000 ft.
- 24713 Shrub *Abelia Zanderi* (Graebn.) Rehd.  
6 ft.; fl. yellow; in spruce  
forest; 12,000 ft.
- 24714 Shrub- *Pittosporum heterophyllum* Franch.  
6-8 ft.; fl. yellow; in oak  
forests; 11,000 ft.
- 24715 *Acer* sp.-2- *Forrestii* Diels  
Tree 50 ft.; fl. yellow in  
mixed forests; 11,000 ft.
- 24716 *Enkianthus deflexus* (Griff.) Schneid.  
(Fr. 25282) Shrub 8-10 ft.; fl. pink; in  
oak forest; 11,000 ft. Sd. coll.
- 24717 *Paeonia Lutea* Franch.  
(Fr. 25281) 4 ft. tall; fl. yellow; in  
forests; 11,500 ft. Sd. coll.
- 24718 *Euonymus* sp.-2- *Sabia yunnanensis* Franch.  
4-5 ft.; fl. yellow; in  
canebrake-spruce forests;  
12,000 ft.
- 24719 Tree-- *Alangium chinense* (Lour.) Rehd.  
40-50 ft.; fl. yellow; in  
Yundozyi valley; 9,500-  
10,000 ft.

Number

- 24720 *Salix* sp.? Prostrate shrub; fl. yellow;  
in gravel and rocks; 11,500 ft.
- 24721 *Salix* sp.? Shrub 10 ft.; in spruce and fir  
forest 12,000 ft.
- 24722 *Primula chungensis* Ward  
(Fr. 25276) Fl. orange; in canebrake, 11,500  
ft. Sd. coll.
- 24723 ~~*Pyrus* sp.?~~ *Malus* Rockii Rehd.  
30-40 ft.; fl. white; along streams  
on Chung-tien plain; 11,500 ft.
- 24724 *Evonymus nanoides* Loes. & Rehd.  
(Fr. 25275) Shrub 6-8 ft.; fl. yellow; along  
streams on Chung-tien plain; 11,500  
ft. Sd. coll.
- 24725 *Ribes* sp.? *emodense* Rehd.  
6-8 ft.; fl. yellow; along streams  
on Chung-tien plain; 11,500 ft.
- 24726 *Betula* ~~*laminifera* H. Winkl.~~ *japonica* Sieb. var. *szechuanica* Schn.  
(Fr. 25283) 30 ft. tall; bark coppery red;  
along streams on Chung-tien plain;  
11,500 ft. Sd. coll.
- 24727 *Anemone* sp.? Fl. white; in meadows; 12,000 ft.
- 24728 *Lonicera* sp.? *hispida* Pall. var.  
3 ft.; fl. yellow; along water  
courses in meadows; 12,000 ft.
- 24729 *Rhododendron* sp.? *hippophaeoides*  
Shrub 3 ft.; fl. blue; wet alpine  
meadows; 12,000 ft.
- 24730 *Malus baccata* (L.) (Maxim.)  
Borkh. var. *himalaica* Schneid.  
(Fr. 25284) Tree 30 ft.; fl. white; on Chung-  
tien plain along streams; 11,500  
ft. Sd. coll.
- 24731 ~~Tree~~ *Prunus pubigera* (Schneid.)  
30-40 ft.; fl. white; in oak  
forest; 11,000 ft.
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Number

- 24732 ~~Salix sp.?~~ delavayana H.-M.  
Shrub 10 ft.; in fir forest  
12,500 ft.
- 24733 ~~Saxifragac.~~ Bergenia purpurascens var. delavayi Engl.  
Among rocks; fl. red; 13,000  
ft.
- 24734 Rhododendron adenogynum  
(Fr. 25308) Shrub 5 ft.; fl. white-pink;  
alpine region 13,500 ft. Sd. coll.
- 24735 Diapensia purpurea Diels  
(Fr. 25304) Cushion plant; fl. pink; on  
boulders; 15,500 ft. Sd. coll.
- 24736 Polypodium membranaceum Don.  
Epiphytic; in fir forest;  
13,000 ft.
- 24737 Primula sp.?- sphaerocephala Balf. f. et W.W.Sm.  
Fl. blue; alpine meadows;  
13,500 ft.
- 24738 Delphinium sp.?- beesianum WWSm  
Fl. blue; alpine meadows;  
14,000 ft.
- 24739 Rosa sp.?- Mairei Levl.  
Shrub 6-8 ft.; fl. white; in  
fir forest 12,500 ft.
- 24740 Rhododendron sp.?- cephalanthoides  
Shrub 2 ft.; fl. blue; alpine  
meadows; 14,000 ft.
- 24741 Corydalis sp.?- clavicola WWSm.  
Fl. bluish red; alpine meadows  
in scree and gravel 14,000 ft.
- 24742 Rhododendron agglutinatum  
(Fr. 25314) Tree 10-15 ft.; fl. pink; fir  
forest; 13,000 ft. Sd. coll.
- 24743 Pedicularis sp.2-- delavayi Fr.  
Fl. purplish red; alpine meadow;  
13,500 ft.

Number

- 24744 *Salvia-hians-* *Dracocephalum grandiflorum* M.  
(Fr. 25316) Fl. purplish blue; alpine  
meadow and fir forests;  
13,500 ft. Sd. coll.
- 24745 *Meconopsis lancifolia* var. *concinna* G. Tayl.  
(Fr. 25309) Purplish blue; on scree and  
gravel; 14,500 ft. Sd. coll.
- 24746 *Omphalogramma* sp.?  
Indigo blue; alpine meadows;  
13,000 ft.
- 24747 *Compositae-* *Cremanthodium helianthus* WWSM  
Fl. yellow; alpine meadows;  
13,000 ft.
- 24748 *Habenaria* sp.?  
Fl. pink; alpine meadows;  
13,000 ft.
- 24749 *Meconopsis lancifolia* var. *concinna* G. Tayl.  
(Fr. 25294) Fl. deep purplish blue; in  
scree and gravel; 15,000 ft. Sd. coll.
- 24750 Herb  
Fl. dull purplish green; in  
meadows; 14,000 ft.
- 24751 *Gushien-plant-* *Arenaria kensuensis* Max  
Fl. white on boulders; 15,000  
ft.
- 24752 *Compositae-* *Senecio olivorum* Max var.  
Fl. yellow; in gravel (streams)  
gravel mud; 14,500 ft.
- 24753 Herb  
3-4 ft. tall; fl. yellowish white;  
ill smelling; in fir forest; 13,000  
ft. Sd. coll.
- 24754 *Meconopsis horridula* Hook.f. & Thoms.  
(Fr. 25287) Fl. purplish blue; on scree  
and gravel; 14,500 ft. Sd. coll.
- 24755 *Cremanthodium campanulatum* (Franch.) Diels  
(Fr. 25291) Fl. purplish black; on scree &  
gravel; 14,500 ft. Sd. coll.

Number

- 24756 *Meconopsis horridula* Hook.f. & Thoms.  
(Fr. 25289) Fl. purplish blue; gravel;  
14,500 ft. Sd. coll.
- 24757 *Salvia* ~~sp.?~~ *hiana* Royle  
Fl. white; in pine forest;  
10,000 ft.
- 24758 *Paeonia delavayi* Franch.  
(Fr. 25312) 5 ft.; fl. dark red; in meadows  
and spruce forest outskirts;  
11,000 ft. Sd. coll.
- 24759 *Berberis dictophylla*  
4-5 ft.; fl. yellow; in meadows  
and spruce forest outskirts;  
11,000 ft.
- 24760 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
(Fr. 25290) Fl. blue; alpine meadows;  
14,000 ft. Sd. coll.
- 24761 *Ribes tenue* Jancz.  
(Fr. 25286) 10-15 ft.; fl. red; in fir forests;  
13,000 ft.
- 24762 *Clematis montana* ~~var.?~~ *Bach.-Ham.*  
Fl. white; in fir forests 12,000  
ft.
- 24763 *Rosa omiensis* Rolfe  
(Fr. 25285) Shrub 6-8 ft.; fl. white; in fir  
forests; 12,000 ft. Sd. coll.
- 24764 *Pedicularis* sp.?  
Fl. white and purple; alpine  
meadows; 11,500 ft.
- 24765 *Rhododendron* ~~sp.?~~ *Traillianum*  
Tree 10-15 ft.; fl. pink; fir  
forest; 13,500 ft.
- 24766 *Incarvillea* ~~sp.?~~ *grandiflora* var. *brevipes* Sprague  
Fl. red; alpine meadows; 12,000  
ft.
- 24767 *Pedicularis* ~~sp.?~~ *elwesii* Hk. f.  
(Fr. 25317) Fl. reddish purple; alpine  
meadows 12,000 ft. Sd. coll.
- 24768 *Corydalis* sp.?  
Fl. yellow; alpine meadows;  
12,000 ft.

Number

- 24769 *Meconopsis lancifolia* var. *concinna* G. Tayl.  
(Fr. 25296) Fl. purplish blue; edge of fir  
forests on alpine meadows;  
12,500 ft. Sd. coll.
- 24770 *Pedicularis* sp.?- *trichoglossa* Hk. f.  
Fl. purple red; alpine meadows;  
12,500 ft.
- 24771 *Aconitum* sp.? Fl. blue; gravelly rocky moraine  
slopes; 11,500 ft.
- 24772 *Rosa Giralddii* Crep.  
(Fr. 25318) Shrub 6-8 ft.; fl. red; in fir  
forest; 12,000 ft.
- 24773 *Potentilla* sp.? *Argophylla* v. *leuchron*  
Fl. yellow; on crags and cliffs;  
13,500 ft.
- 24774 *Dracocephalum grandiflorum*  
Fl. dark blue; alpine meadows;  
12,500 ft.
- 24775 Herb-- *Polygonum forrestii* Diels  
Fl. white; wet gravel; 14,500 ft.
- 24776 *Rhododendron prostratum* aff.  
(25303) Shrub prostrate; fl. large salver  
shaped, wine-colored; alpine regions  
on boulders and rocks; 15,000 ft. Sd. coll.
- 24777 Herb-- *Arenaria inornata* W.Sm.  
Fl. white; on scree; 14,500 ft.
- 24778 *Pedicularis superba*  
(Fr. 25315) Fl. purple; in shade of firs on  
edge of fir forest; 13,000 ft. Sd. coll.
- 24779 *Primula dryadifolia* Franch. (vix= 24779)  
(Fr. 25307) Fl. purplish red; on boulders;  
14,500-15,000 ft. Sd. coll.

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Rock Collections--  
Collected in the Chung-tien district on Haba ndsher  
nvlv, a snow peak north of the Yangtze loop.

199  
24790

Number

- 24790 *Primula* sp.-2- *bella* Franch.  
Fl. blue; on boulders; alpine  
region; 14,500 ft.
- 24791 ~~Composite~~; *Senecio chrysanthemoides* DC  
Fl. yellow; forest meadows;  
12,500 ft.
- 24792 *Aster* sp.?  
Fl. blue; forest meadows;  
12,500 ft.
- 24793 *Anemone* sp.-2 *trullifolia* var *coelestis* F. & G.  
Fl. white; alpine meadows;  
14,500 ft.
- 24794 *Rhododendron* sp.-2- *Roxianum* - *Taliense*  
Shrub 3 ft., spreading stiff;  
fl. ? rocky alpine region;  
14,000 ft.
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\*\* Break in numbers due to arrangement of book. This  
happens at the end of each of the first three books.

- 24795 *Rhododendron fictolacteum*  
(Fr. 25306) Tree 20-25 ft.; very handsome;  
fl. red; fir forest; 12,500 ft. Sd. coll.
- 24796 *Primula sinoplantaginea* Balf.f. (vix=25295)  
(Fr. 25295) Fl. purplish blue; alpine  
meadows; 13,000 ft. Sd. coll.
- 24797 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 25298) Fl. yellow; alpine meadows;  
13,000 ft. Sd. coll.
- 24798 *Primula szechuanica* Pax  
(Fr. 25292) Fl. yellow; swampy alpine meadows;  
13,000 ft. Sd. coll.
- 24799 *Rhododendron Traillianum*  
(Fr. 25301) Tree 20-25 ft.; fl. pink; forming  
forests at 14,500 ft. Sd. coll.
- 24800 *Rhododendron* sp.-2- *cephalanthoides*  
Shrub 3-4 ft.; fl. white; outskirts  
of forests; 11,500-12,000 ft.

## Rock Collections --

Chung-tien district on Haba ndsher nvlu, a snow  
peak north of the Yangtze loop. Contd.

200  
24801

Number

- 24801 *Rhododendron adenophorum*  
(Fr. 25305) Tree 10-12 ft.; fl. pink; in fir  
forest; 12,500 ft. Sd. coll.
- 24802 *Daphne* sp.?  
retusa Hemsl.  
Shrub 2 ft.; fl. pink; in fir  
forest; 12,500 ft.
- 24803 *Potentilla fruticosa* var. -- Linn. et vars.  
Shrub 3-4 ft.; fl. yellow; open  
rocky region 13,000 ft.
- 24804 *Berberis yunnanensis*  
Shrub 5-6 ft.; fl. yellow; open  
rocky region 12,000 ft.
- 24805 *Rhododendron achroanthum*  
(Fr. 25302) Shrub 2-3 ft.; fl. purple; alpine  
meadows; 12,500 ft. Sd. coll.
- 24806 *Rhododendron sphaeroblastum*  
(Fr. 25313) Tree 15-20 ft.; fl. pink; forming  
forests at 13,500 ft. Sd. coll.
- 24807 *Primula secundiflora* Franch.  
(Fr. 25300) Fl. dull blue; alpine meadows;  
13,500 ft. Sd. coll.
- 24808 *Incarvillea* sp.?  
Fl. red; alpine meadows; 12,000 ft.
- 24809 *Primula sinoplantaginea* Balf. f.  
(Fr. 25297) Fl. purplish blue; alpine meadows;  
12,000 ft. Sd. coll.
- 24810 ~~Cardamine~~-(*macrophylla*?)-- *Megacarpaea delavayi* Fr.  
Fl. pale red; in shade of fir forest,  
along brooks, 12,500 ft.
- 24811 *Anemone* sp.?  
demissa Hk. F. & H.  
Fl. white; alpine meadows; 12,000  
ft.
- 24812 *Salvia* sp.?  
hiana Royle  
Fl. purplish (blue) to red; alpine  
meadows; 12,000 ft.
- 24813 *Primula Forrestii* Balf. f.  
(Fr. 25293) Fl. golden yellow; on limestone rocks;  
outskirts of pine forests; 11,000 ft.- Sd. coll.

Number

- 24814 Spiraea ~~sp.-2-~~ Spiraea velutina Franch.  
5 ft.; fl. white; elev.  
12,000 ft.
- 24815 Draba sp.? Fl. yellow; on grassy slopes;  
12,500 ft.
- 24816 Carpinus ~~sp.-2-~~ Betula Forrestii W.W.Sm.) Hand.-Mazz. var. /  
5-6 ft.; on cliffs limestone;  
13,500 ft. var. calcicola
- 24817 Dipelta ~~sp.-2-~~ yunnanensis Franch.  
Shrub 5-6 ft.; fl. pinkish;  
grassy slopes; 12,000 ft.
- 24818 Cotoneaster ~~sp.-2-~~ glaucophylla Franch. var. microphylla Hand.-/ Mazz.  
Shrub 5-6 ft.; fl. white;  
lower slopes; 9,500 ft.
- 24819 Prunus ~~sp.-2-~~ latidentata Koehne var. trichostoma (Koehne) Schneid  
(Fr. 25353) Tree 10-15 ft.; fl. pink;  
alpine region; 12,500 ft. sd. coll.
- 24820 Rhotinia ~~sp.-2-~~ Stranvaesia Davidiana Dcne  
Tree 10-15 ft.; fl. white;  
Saba meadow; 11,500 ft.
- 24821 Clematis montana Climber;-- Buch.-Ham.  
In spruce forest; 11,500  
ft.
- 24822 Daphne aurantiaca  
Shrub, cushion form; 1 ft.  
on boulders and gravelly  
slopes; 11,500 ft.
- 24823 Anemone sp.? Fl. white; alpine meadows;  
13,000 ft.
- 24824 Anemone ~~sp.-2-~~ rupicola Camb.  
Fl. white; in fir forest;  
12,500 ft.
- 24825 Potentilla ~~sp.-2--~~ eriocarpoides Krause  
Fl. yellow; on limestone  
boulders; 14,500 ft.
- 24826 Herb- Chrysosplenium davidianum Fr.  
Fl. yellow; wet alpine gravelly  
slopes; 14,500 ft.

Number

- 24827 Legume- *Astragalus yunnanensis* Fr.  
Fl. yellow; on gravel and  
scree; 14,500 ft.
- 24828 *Phlomis* sp. ? --- *atropurpurea* Dunn  
Fl. pink; alpine meadows;  
12,000 ft.
- 24829 *Androsace spinulifera*?  
(Fr. 25343) Fl. pink; alpine meadow;  
12,000 ft. Sd. coll.
- 24830 Legum herb.  
Fl. yellow; alpine meadows;  
11,500 ft.
- 24831 Herb- *Rosicla cautleoides* Gagnep.  
Fl. yellow; dry slopes of pine  
forests; 10,000 ft.
- 24832 *Caragana* sp. ?  
Shrub 5-6 ft.; fl. yellowish  
red; in open scrub and higher;  
10,000 ft.
- 24833 *Thalictrum* sp. ?- *esquirolii* Lev. & Van.  
Fl. yellow; in rocky stony  
meadows; 10,000 ft.
- 24834 *Primula pulchella* Franch.  
(Fr. 25339) Fl. purplish blue; meadows of  
Saba; 11,500 ft. Sd. coll.
- 24835 *Scutellaria* sp. ?- *amoena* Wright  
Fl. white; meadows around  
pine forests; 10,000 ft.
- 24836 *Scutellaria* sp. ?- *amoena* Wright  
Fl. purple; meadows around  
pine forests; 10,000 ft.
- 24837 *Primula* sp. ?- *Poisonii* Franch.  
Fl. pink; swampy meadows at  
10,000 ft.
- 24838 *Lonicera* sp. ?- *saccata* Rehd. f. *Wilsoni* Rehd.  
Shrub 5 ft; fl. yellow; alpine  
meadows; 12,500 ft.
- 24839 *Cassiope* sp. ?- *selaginoides* Hook. f. & Th.  
Fl. white; on boulders and cliffs  
at Na dshwua; 14,500 ft.

- Number
- 24840 *Meconopsis* sp.?  
Fl. purplish blue; alpine meadows; Na dshwua. 14,000 ft.
- 24841 *Galthra* sp.? *Trollius patulus* Ait.  
Fl. yellow; alpine meadows Na dshwua, 14,000 ft.
- 24842 *Pedicularis* sp.-2- *cephalantha* Fr.  
(Fr. 25356) Fl. purple; alpine meadows Na dshwua; 14,000 ft. Sd. coll.
- 24843 *Cardamine* sp.-2- *macrophylla* Willd.  
Fl. pale pink; wet alpine region; 13,500 ft.
- 24844 *Salvia* sp.-2- *forrestii* Diels  
Fl. yellow; in forests at 12,000 ft.
- 24845 *Syringa Yunnanensis*  
Shrub 6-10 ft.; in fir forest; 12,500 ft.
- 24846 *Philadelphus* sp.-2- *Delvayi* L. Henry var. *calvescens* Rehd.  
Shrub 8-10 ft.; fl. white; in spruce forest; 12,000 ft.
- 24847 *Primula secundiflora*:  
Fl. reddish purple; wet alpine meadows; 14,000 ft.
- 24848 *Primula sikkimensis* Hook. forma  
(Fr. 25342) Fl. yellow; wet alpine meadows; 14,000 ft. Sd. coll.
- 24849 *Rhododendron adenophorum*  
(Fr. 25349) Tree 8-10 ft.; fl. pink; alpine region; 13,000 ft. Sd. coll.
- 24850 *Picea likiangensis* Pritz.  
(Fr. 25333) Tree 60-80 ft.; eastern slopes Maboang Vatzé; 12,000 ft. Sd. coll.
- 24851 *Meconopsis integrifolia* (Maxim.) Fr.  
(Fr. 25344) Alpine meadows; 12,500 ft. Sd. coll.
- 24852 *Incarvillea* sp.?  
(Fr. 25338) Fl. red; gravelly meadows; 11,500 ft. Sd. coll.

Number

- 24853 *Rhododendron Traillianum*  
(Fr. 25328) Shrub or tree 10-15 ft.; fl.  
white; alpine region in fir  
forest; 12,500 ft. Sd. coll.
- 24854 *Rhododendron cephalanthoides*  
(Fr. 25350) Shrub 2 ft.; fl. white; alpine  
region among rocks 13,500 ft. Sd. coll.
- 24855 ~~Gracifer~~ *Eutrema lancifolium* Schulz  
Fl. white; alpine meadows;  
13,500 ft.
- 24856 *Omphalogramma* sp.?- *vinciflorum* Franch.  
Fl. indigo blue; alpine meadows;  
13,500 ft.
- 24857 *Rhododendron vernicosum*  
(Fr. 25331) Tree 10-15 ft.; fl. rich pink;  
in spruce forest; 11,500 ft. Sd. coll.
- 24858 *Rhododendron* sp.?- *paludosum* aff.  
Shrub 1 ft.; fl. deep blue; alpine  
rocky region 14,000 ft.
- 24859 *Rhododendron* sp.?- *racemosum*  
Shrub 3 ft.; fl. pink, rose; in  
pine forests; 10,000 ft.
- 24860 *Salix* sp.?  
Shrub 5-6 ft.; in fir forest  
12,500 ft.
- 24861 *Androsace* sp.?  
Fl. dark pink; on limestone  
rocks in pine forest; 11,500 ft.
- 24862 *Primula sonchifolia*  
Fl. blue; west alpine meadows in  
snow; 14,000 ft.
- 24863 *Petasites tricholobus* Franch. ~~versipilus~~ H. M.  
Fl. pink; in fir forest; the  
first flower to appear; 12,500  
ft.
- 24864 *Rhododendron eritimum*  
(Fr. 25340) Tree 20-25 ft.; fl. red; in oak  
forests; 11,500 ft. western slopes  
of snow range Gonga Sd. coll.

Number

- 24865 *Rhododendron niphargum*  
(Fr. 25352) Tree 20 ft.; fl. pink deep pink;  
in spruce forest; 11,000 ft. Sd. coll.
- 24866 *Rhododendron rubiginosum*  
(Fr. 25326) Tree 10 ft.; fl. lavender purple;  
spruce forest and oaks; 11,000 ft. Sd. coll.
- 24867 *Rhododendron desquamatum*  
(Fr. 25329) Fl. purple; tree 10 ft.; spruce  
forest and oaks; 11,000 ft. Sd. coll.
- 24868 *Prunus salicina* Lindl. f.  
(Fr. 25363) Tree 10-15 ft.; fl. white; alpine  
lower slopes with pines and  
Rhododendrons; 10,500-11,000 ft. Sd. coll.
- 24869 *Acer sp.-?* *cappadocicum* Gled. var. *sinicum* Rehd.  
Tree 50 ft.; 3 ft. in diam.; foot  
of snow range in mixed forest;  
9,500 ft.
- 24870 *Rhododendron pleistanthum*  
(Fr. 25327) Shrub 6-8 ft.; fl. white pinkish  
to blue and smoke colored; pine  
and oak forest; 10,500 ft. Sd. coll.
- 24871 *Piptanthus tomentosus* Franch.  
(Fr. 25335) Shrub 1 ft.; fl. yellow; on rocky  
slopes; 11,500 ft. Sd. coll.
- 24872 *Primula sp.-?* *sinodenticulata* Balf. f.  
Fl. bluish purple; in dry alpine  
meadow; 13,000 ft.
- 24873 *Clematis sp.-?* *trullifera* Fin. & Gagnep.  
Fl. white in ravines; over bushes;  
10,500 ft.
- 24874 *Primula Forrestii* Balf. f.  
(Fr. 25364) On limestone rocks; 10,500 ft. Sd. coll.
- 24875 ~~Labiata;~~ *Plectranthus* - Rehder  
Shrub 3-4 ft.; fl. bluish pink;  
in ravines; 10,000 ft.
- 24876 *Silene sp.?*  
Fl. pink; on rocks and cliffs;  
10,000 ft.

Number

- 24877 ~~Lilium-lophephorum~~-- *Nomocharis lophophora* Balf. f.  
(Fr. 25362) Fl. yellow; alpine meadows;  
12,500 ft. Sd. coll.
- 24878 *Buddleia fallowiana* Balf. & Sm.  
(Fr. 25332) Shrub 3-4 ft.; fl. lavender;  
slopes; 10,000 ft. Sd. coll.
- 24879 ~~Impatiens~~ *Briggsia amabilis* Craib.  
Fl. yellow; on rocks in canebrake;  
11,000 ft.
- 24880 *Allium* sp.? *prattii* Wright  
Fl. wine colored; alpine meadows;  
12,500 ft.
- 24881 *Polygonum* sp.? *emodii* Wall var. *dependens* Diels  
Fl. red; on rocky ground; 11,500  
ft.
- 24882 *Senecio* sp.?  
Fl. yellow; alpine meadows; 12,500  
ft.
- 24883 *Pedicularis* sp.? *delavayi* Fr.  
Fl. purple; alpine meadows; 12,500  
ft.
- 24884 *Cremanthodium*?  
Fl. yellow; alpine meadows; 14,500  
ft.
- 24885 *Morina* sp.? *delavayi* Fr.  
Fl. white; alpine meadows 12,000  
ft.
- 24886 ~~Composite~~ *Lactuca souliei* Fr.  
Rosettes; fl. purplish; on scree;  
14,500 ft.
- 24887 *Pedicularis* sp.? *angustiflora* Limpr.  
Fl. yellow; on scree; 14,500 ft.
- ~~24887 --- Pedicularis sp.?  
Fl. yellow; on scree; 14,500 ft.~~
- 24888 *Androsace* sp.?  
Cushion plant; fl. pale pink; on  
boulders; 14,500 ft.
- 24889 *Corydalis* sp.? *delavayi* Fr.  
Fl. yellow; on scree and gravel;  
13,500 ft.

Number

- 24890 *Salvia* sp.?- *hiiana* Royle  
Fl. blue; alpine meadows; 14,000  
ft.
- 24891 *Cremanthodium smithianum* Hand.-Mazz.  
(Fr. 25325) Fl. yellow; alpine meadows on  
scree and gravel; 14,500 ft. Sd. coll.
- 24892 Labiate-sp.2 *Dracocephalum speciosum* Benth -Merrill  
Fl. blue; alpine meadows on  
scree and gravel; 14,500 ft.
- 24893 *Primula pinnatifida* Franch.  
(Fr. 25337) Fl. blue; alpine meadows;  
14,000 ft. Sd. coll.
- 24894 (~~Labiate~~)- *Eriophyllum wallichianum* Benth -Merrill  
(Fr. 25348) Fl. pink; in gravel and scree;  
14,500 ft. Sd. coll.
- 24895 *Primula dryadifolia* Franch.  
(Fr. 25324) Fl. rich pink; on boulders;  
14,500 ft. Sd. coll.
- 24896 (~~Campanula~~-sp.2) *Adenophora ecelestria* --- Diels?  
Fl. blue; in pine forest;  
10,000 ft.
- 24897 *Primula* sp.?- *yunnanensis* Franch.  
Fl. purplish blue; dry slopes  
in scrub forest; 11,000 ft.
- 24898 *Senecio* sp.? *latihastatus* WWSM.  
Fl. yellow; in fir forest and  
meadows; 12,500 ft.
- 24899 *Rhododendron sinolepidotum*  
(Fr. 25334) Prostrate 1/2 foot; in pine and oak  
forest; 9,500 ft. Sd. coll.

Number

- 24900 Rhododendron *sp.?*- adenophorum  
Tree 8 ft.; fl. pink; alpine  
rocky region of Na dchwua ;  
13,500 ft.
- 24901 Begonia *sp.?*-- henryi Hemsl  
Fl. pink; on boulders; 11,000  
ft.
- 24902 Tremacron Forrestii Craib.  
Fl. yellow; on boulders; 11,000  
ft.
- 24903 Senecio *sp.?* dictyonurus Fr.  
Fl. yellow; dry pine forest,  
gravelly soil: 9,500-10,000 ft.
- 24904 Saussurea *sp.?* Gossyphiphora Don.  
Fl. purple; alpine scree and  
gravel; 15,000-14,500 ft.
- 24905 Resac.- Malus Rockii Rehd.  
Tree 20 ft.; fl. white; water  
courses; 10,000 ft.
- 24906 Primula Viali Franch.  
(Fr. 25361) Fl. red and blue (calyx red, fl.  
blue); wet meadows of Gonga;  
10,000 ft. Sd. coll.
- 24907 Primula Viali Franch.  
(Fr. 25360) Fl. blue; wet meadows of Go bo  
east of Likiang snow range Sd. coll.
- 24908 Phlomis *sp.?*  
(Fr. 25354) Fl. white-pink; ditto above Sd. coll.
- 24909 Pedicularis *sp.?* davidii Fr.  
Herb; fl. white; keel purple;  
alpine meadows; 10,500 ft.
- 24910 Rhododendron *sp.?* racemosum  
Shrub 2 ft.; fl. white; in  
pine forests; 10,000 ft.
- 24911 Pyrus *sp.?*-- pashia Ham.  
Tree 10-20 ft.; fl. pink; along  
streams; 10,000 ft.
- 24912 Gentianac.  
Herb; fl. blue; alpine meadows;  
12,000 ft.; August-September 1932.
- 24913 Aconitum lycocotnum L.-var.- brevicaratum Diels  
(Fr. 24357) Fl. dull purplish green to blackish;  
Saba loko; 11,500 ft; rocky mountains Sd. coll.

Number

- 24914 *Delphinium likiangensis*  
Fl. blue; at foot of glacier at  
Sabaloko; 13,000 ft. Sept. 1932
- 24915 (~~Labiata~~) *Dracocephalum speciosum* Benth -Merrill  
(Fr. 25359) Fl. blue; on scree same loc. as  
24914. Sd. coll.
- 24916 *Cremanthodium* sp.?  
Fl. pink; on scree same loc. as  
24914.
- 24917 *Silene* sp.?  
Fl. pink; on scree same loc. as  
24914.
- 24918 Herb  
Fl. yellow; on scree same loc. as  
24914.
- 24919 *Cyananthus formosus* Diels.  
Fl. blue; on scree same loc. as  
24914.
- 24920 *Delphinium likiangense*  
(Fr. 25330) At foot of glacier at Saba loko;  
13,000 ft.; in gravel Sd. coll.
- 24921 *Ribes emodense* Rehd.  
(Fr. 25347) Shrub 6 ft.; fl. yellow; in fir  
forest; Sabaloko; 12,000 ft. Sd. coll.
- 24922 *Campanula* sp.?  
Fl. blue; same loc. as 24920.
- 24923 *Acer* sp.?- *tetramerum* Pax. var. *betulifolium* (Max.) Rehd.  
Tree 25-30 ft.; fl. yellow;  
alpine region Saba trail; 11,000 ft.
- 24924 ~~Composite~~ *Inula serrata* Bur. & Fr.  
Fl. yellow; Saba meadow; 11,000  
ft.
- 24925 Herb *Sedum alfredi* Hance.  
Fl. yellow; fir forest in Saba  
gorge; 11,000 ft.
- 24926 *Prunus* sp.?- *candata* Franch.  
15 ft.; fl. pink; in Saba gorge;  
12,000, fir forest.

Number

- 24927 ~~Juncac.~~ Eriocaulon Henryanum Ruhl.  
Fl. white; in swampy ground; in  
Saba gorge; 12,000 ft.
- 24928 Begonia sp. f- labordei Lev.  
Fl. pink; on rocks foot of  
Likiang snow range; 9,500 ft.;  
Aug. 1932
- 24929 Habenaria sp.  
(Fr. 25341) Fl. pink; alpine meadows; 13,200  
ft.; Aug. 1932 Sd. coll.
- 24930 Herb-- Roscoea yunnanensis var. purpurata Gagnep.  
Fl. purplish blue; dry slopes of  
pine and oak; scrub; 10,000 ft.
- 24931 Ribes emodense Rehd.  
(Fr. 25336) Shrub 6-7 ft.; fl. reddish; in fir  
forest; 12,500 ft. eastern slopes Sd. coll.
- 24932 Lonicera sp. ?- tangutica Maxim  
Shrub 5 ft.; fl. yellow; in fir  
forest; 12,500 ft. eastern slopes  
Likiang Sn. R.
- 24933 Ribes moupinense Franch.  
(Fr. 25358) Shrub 6-8 ft.; fl. red; in fir forest;  
12,500 ft. eastern slopes Likiang  
Sn. R. Sd. coll.
- 24934 Lilium sp. ?  
Fl. purple; dark purple spots; in  
oak forest; 10,000 ft. Dzadzambo.
- 24935 Lilium sp. ?- bakerianum Coll & Hemsl.  
Fl. yellow; at Analo pine forest  
and oaks; 10,000 ft.
- 24936 Composite  
Fl. yellow; alpine meadows; 12,000  
ft.
- 24937 Gentiana amarella Linn?  
Herb; fl. blue; alpine meadows;  
12,000 ft.
- 24938 ~~Aconitum sp. ?~~ Delphinium forrestii Diels  
Fl. bluish green; alpine meadows;  
12,000 ft.
- 24939 Cremanthodium?  
Fl. purple in gravel and scree;  
14,000 ft.

Number

- 24940 *Cremanthodium?*  
Fl. pink on scree at Na dshua;  
alpine region 14,500 ft.; Sept.  
1932
- 24941 *Primula* sp.?- *yunnanensis* Franch.  
Fl. blue; on boulders; alpine  
region 14,500 ft.
- 24942 *Meconopsis* sp.?  
Fl. blue; alpine region 14,500  
ft.
- 24943 *Meconopsis* sp.?  
Fl. pale bluish purple; alpine  
region 14,500 ft.
- 24944 ~~*Aspidium* sp.?~~ *Polystichum moupinense* (Fr.) Bedd.  
on rocks and boulders; alpine  
regions, 14,500 ft.
- 24945 *Delphinium* sp.-? *yunnanense* Fr.  
Fl. dark blue; alpine regions;  
14,500 ft.
- 24946 *Gentianac.*  
Herb; fl. blue striped darker  
blue; alpine meadows; 14,500  
ft.
- 24947 *Primula* sp. in fruit aff. *chungensis* (May  
be *serratifolia*)  
(Fr. 25351)  
Fl. purplish blue; meadows  
foot of snow range 9,600 ft.;  
April 1932. Sd. coll.
- 24948 *Arisaema* sp.?  
Fl. dark purplish red; in fir  
forest; 12,000 ft.
- 24949 *Iris* sp.?  
Fl. yellow; in swampy meadow  
Haraku; 11,500 ft.
- 24950 *Carpesium?* sp.?  
Fl. yellow; alpine meadows;  
12,000 ft.; April-May 1932.

Number

- 24951 *Rubus* sp.?- *stans* Focke  
Shrub 4 ft.; fruits orange;  
alpine meadows; 12,000 ft.  
April-May 1932.
- 24952 *Rosa* sp.?- *Davidii* Crep.  
Shrub 6-8 ft.; fl. pink; alpine  
meadows; 12,000 ft.
- 24953 ~~Composite~~ *Aster trinervius*  
Fl. white; alpine meadows;  
12,000 ft.
- 24954 ~~Legum.~~ *Astralagus tanguticus* Bat.?  
Herb; fl. rich blue; at head  
of Saboloko; in gravel; 13,000  
ft.
- 24955 Herb- *Veronica cana* Wall?  
Fl. white; at head of Saboloko;  
(unintelligible word); 13,000  
ft.
- 24956 Orchid  
Fl. purplish red; in moss in  
fir forest; 12,500 ft. Sabaloko
- 24957 *Meconopsis* sp.?  
Fl. blue; alpine meadows of Par  
dshwua; 14,000 ft.
- 24958 *Aster* sp.?  
Florets (ray fl.) blue; meadows  
of Par dshwua; 14,000 ft.
- 24959 *Linum* sp.?- *perenne* L.  
Fl. blue; in meadows; foot of  
mountain; 9,500 ft.
- 24960 *Pedicularis* sp.?  
(Fr. 24355) Fl. purple; in marl meadow;  
11,500 ft.; Saba Sd. coll.
- 24961 *Incarvillea* sp.?- *lutea* Bur. & Fr.  
Fl. yellow; among rocks and  
oaks; 11,000 ft.
- 24962 *Rhododendron* sp.?- *sigillatum*  
Shrub or tree 10-12 ft.; fl.  
white; alpine region Na  
dshwua; 13,500 ft.

Rock Collections  
 Likiang snow range, N.W. Yunnan, Mt. Satsato. Contd.

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 24963

Number			
24963	Rhododendron <del>sp.?</del> Beeslianum	Tree 20 ft.; fl. white; alpine region; 12,000 ft. Na dshwa	
24964	Rhododendron Beeslianum (Fr. 25345)	Tree 20 ft.; fl. pinkish red; alpine region; 12,000 ft.	Sd. coll.
<hr/> <p>Collected on the slopes of Mt. Gyi-na lo-ko second peak of Yu-lung shan, N.W. Yunnan. April-May 1932.</p>			
24965	Rhododendron Traillianum (Fr. 25384)	10-12 ft.; fl. white-pink; in fir forest; 13,500 ft.	Sd. coll.
24966	Rhododendron Traillianum (Fr. 25368)	Tree 15 ft.; fl. pink; in fir forest; 13,500 ft.	Sd. coll.
24967	Rhododendron adenophorum (Fr. 25375)	Shrub; 8 ft.; fl. pinkish red; fir forest; 13,500 ft.	Sd. coll.
24968	Prunus <del>sp.?</del> latidentata Koehne	Tree 15-20 ft.; fl. red; fir forest; 13,500 ft.	
24969	Populus <del>sp.?</del> Populus szechuanica Schneid. var. tibetica Schneid.	Tree 40-50 ft.; several feet in diam.; along He shui, glacier stream; 9,800 ft.; July 1932	
24970	Malus <del>sp.?</del> yunnanensis (Fr.) Schneid.	Tree 20 ft.; fl. white; along Peshui glacier stream; 10,000 ft.	
24971	Tsuga <del>sp.?</del> chinensis E. Preitz.	Tree 80 ft. tall; 4-5 ft. in diam.; along Peshui glacier stream; 10,000 ft.	
24972	Rhododendron pleistanthum (Fr. 25381)	Shrub 10 ft.; fl. white pinkish tinge; in pine forests; 10,000 ft.	Sd. coll.
24973	Rhododendron Websterianum (Fr. 25370)	Shrub; 2-3 ft.; fl. blue; alpine meadows at Gussuko; 14,000 ft.	Sd. coll.
24974	Corydalis <del>sp.?</del> curviflora Fr.	Fl. bluish lavender; in meadow at Yukolo; 14,000 ft.	

## Rock Collections --

Mt. Gyi-na 10-ko second peak of Yu-lung shan, N.W.  
Yunnan. Contd.

## Number

- 24975 *Rhododendron drumonium*  
(Fr. 25377) (Shrub 2 ft.; fl. deep blue; in  
alpine region; rocky slopes;  
14,500 ft. Sd. coll.
- 24976 *Rhododendron sp.? fastigiatum*  
Shrub 1.5-2 ft.; fl. deep blue;  
in alpine region rocky slopes;  
14,500 ft.
- 24977 *Primula secundiflora* Franch.  
(Fr. 25369) Fl. purplish red; water courses at  
14,000 ft. Sd. coll.
- 24978 *Primula sinopurpurea* Balf. f.  
(Fr. 25374) Fl. purple; alpine meadows;  
14,000 ft. Sd. coll.
- 24979 *Prunus sp.? latidentata* Koehne  
Shrub 12-15 ft.; fl. white; in  
Heshui valley 10,000 ft.
- 24980 *Morina bulleyana* Forr. & Diels.  
(Fr. 25380) Fl. purple; alpine meadows Yukolo;  
13,000 ft. Sd. coll.
- 24981 *Caltha sp.? palustris* Linn.  
Fl. yellow; wet alpine meadows  
Yukolo; 13,000 ft.
- 24982 *Gentianac*  
Fl. pale yellow; alpine meadows  
Yukolo; 13,000 ft.
- 24983 *Iris sp.?*  
Fl. deep blue; alpine meadows  
Yukolo; 13,000 ft.
- 24984 *Paeonia sp.-- Delvayi* Franch.  
Shrub 4-5 ft.; fl. deep red;  
meadows of Gyi-na 10-ko; 11,000 ft.
- 24985 *Spenceria ramalana*  
Meadows of Gyi-na 10-ko; 11,000 ft.
- 24986 *Aster staticifolius* Fr.  
(Fr. 25378) In fir forests on rocks; 11,500  
ft. Sd. coll.
- 24987 *Abies sp.?-Forrestii* C.C. Roger  
(Fr. 25371) Tree 60 ft.; in fir forests;  
12,000 ft. Sd. coll.

Number

- 24988 ~~Gnaphalium~~ sp.? - Anaphalis chlamydophylla Diels  
Fl. white; rocky alpine slopes;  
11,500-12,000 ft.
- 24989 Potentilla fruticosa Linn. et vars.  
Shrub 1 ft.; fl. yellow; alpine  
slopes 13,000 ft.
- 24990 Primula Bulleyana  
? (Fr. 25323) Fl. yellow; in meadows at Heshui;  
10,500 ft.; June-July 1932 Sd. coll.
- 24991 Pedicularis sp.? - longiflora Rudolph  
Fl. yellow; alpine meadows of  
Gussuko; 13,500 ft.
- 24992 Cremanthodium sp.? - nobile Fr.  
Fl. yellow; alpine meadows of  
Gussuko; 13,500 ft.
- 24993 Cardamine sp.? Fl. pinkish lavender; alpine  
meadows of Gussuko; 13,500 ft.
- 24994 Leguminous herb Fl. dark blue; on rocks; alpine  
meadows of Gussuko; 13,500 ft.
- 24995 Herb Fl. white; in scree, gravel;  
alpine meadows of Gussuko; 14,000 ft.
- 24996 ~~Phlox~~? Pedicularis lineata Fr.  
Fl. purple; in alpine meadows  
12,000 ft.
- 24997 Aster sp.? Fl. bluish purple; alpine meadows;  
12,000 ft.
- 24998 Carpesium? Fl. yellow; in forest; 12,500  
ft.
- 24999 Viola sp.? - rockiana W. Becker  
Fl. yellow; in fir forest; 12,500  
ft.
- 25000 Pedicularis sp.? - cephalanthax Fr.  
Fl. purple; alpine fir forests;  
12,500 ft. Gussuko

## Mt. Gyi-na lo-ko second peak of Yu-lung shan, Contd.

Number

- 25001 *Pedicularis* sp.?- *integrifolia* Hk. f.  
Fl. purple; alpine fir forests;  
12,500 ft. Gussuko
- 25002 ~~Ericaceae~~ *Lycopsis*? (*Microula myosotidea* (Franch.)/Johnston) det.  
Herb; fl. blue; alpine meadows;  
Gussuko; 12,500 ft.
- 25003 *Corydalis* sp.?  
Fl. blue; alpine meadows; Gussuko;  
12,500 ft.
- 25004 *Primula* sp.?-*septemloba* Franch.  
Fl. wine colored; in fir forests;  
12,500 ft.
- 25005 Herb  
Fl. dark yellowish-black; in alpine  
meadows; 12,000 ft.
- 25006 *Omphalogramma vinciflora*  
Alpine meadows; 13,000 ft; Sd. coll.
- 25007 *Acer* sp.?- *caesium* Wall.  
Tree 40-50 ft.; fl. yellow; in  
fir forests; Gyi-na lo-ko; 11,500  
ft.
- 25008 *Rhododendron rubiginosum*  
(Fr. 25372)  
Tree 10-12 ft. in fir forests;  
Gyi-na lo-ko; 11,500 ft. Sd. coll.
- 25009 *Rhododendron vernicosum*  
(Fr. 25373)  
Tree 10-15 ft.; fl. pink; forests  
Gyi-na lo-ko; 11,500 ft. Sd. coll.
- 25010 *Rhododendron* sp.?- *adenophorium*  
Tree 10 ft.; fl. pink; alpine  
region; 13,500 ft. Gyi-na lo-ko
- 25011 *Caragana tibetica* Komar  
(Fr. 25379)  
Fl. pale yellow; on rocks and  
boulders at 14,500 ft. Sd. coll.
- 25012 *Calophaca polystichoides* Hand.-Mazz.  
(Fr. 25367)  
Fl. yellow; on rocks and boulders  
at 14,500 ft. Sd. coll.
- 25013 *Rhododendron cephalanthoides*  
(Fr. 25376)  
1-2 ft.; fl. white; on rocks and  
boulders; 14,500 ft. Sd. coll.
- 25014 (*Guelldenstaedtia* sp.?) *Cyanthus flavus* Marqu.  
Fl. yellow; alpine meadows;  
13,500 ft.

Number

- 25015 *Primula sikkimensis* Hook. forma  
(Fr. 25382) Fl. yellow; wet alpine meadows;  
13,500 ft. Sd. coll.
- 
- Collected on Yu-lung shan, southwest of Li-kiang, Yangtze - Mekong  
water shed. May 1932
- 25016 *Cassiope* sp. 2- *myosuroides* W.W.Sm.  
On rocks and boulders; 14,000 ft.
- 25017 *Meconopsis* sp. Fl. purplish blue; alpine meadows;  
14,500 ft.
- 25018 *Paraquilegia anemoneoides*- *macrophylla*  
Fl. lavender; on boulders and cliffs;  
13,500 ft.
- 25019 *Rhododendron* sp. ?  
Tree 10-20 ft. tall; fl. red; in  
pine forest; 9,500 ft.
- 25020 *Rhododendron irroratum*  
(Fr. 25395) Tree or shrub 6-8 ft.; fl. white;  
in pine forests at 9,500 ft. Sd. coll.
- 25021 *Primula sonchifolia*  
Fl. blue; in snow; in fir and  
spruce forest clearings; 13,500 ft.
- 25022 *Primula* sp. ? *sinodenticulata* Balf. f.  
Fl. blue; in meadows; 11,000 ft.
- 25023 *Pyrus*-sp. ?- *Malus Halliana* Koehne  
Tree 20 ft.; fl. white; along  
streams; 9,000 ft.
- 25024 *Prunus* sp. ?- *conadenia* Koehne  
Tree 20 ft.; fl. white; along  
streams; 9,000 ft.
- 25025 *Prunus* sp. ? *Duclouxii* Koehne  
Tree 20 ft.; fl. white; along  
streams; 9,000 ft.
- 25026 *Rhododendron* sp. ?- *racemosum*  
Shrub 5-6 ft.; fl. pink; in  
pine forests; 10,000 ft.
- 25027 Tree-- *Symbotryantha* Franch.  
10-15 ft.; fl. yellow; in valleys;  
8,500 ft.

Rock collections--  
Collected on Yün-lu shan, southwest of Li-kiang, Yangtze -  
Mekong water shed. May 1932

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25028

Number

- 25028 Rhododendron irroratum  
(Fr. 25386) Tree 15-20 ft.; fl. white,  
fragrant; in pine forests; 10,000  
ft. Sd. coll.
- 25029 Thea ~~sp.?~~ Pitardoo (Stuart) Rehd.  
Shrub 5-6 ft.; fl. pink in pine  
forests; 10,000 ft.
- June 1932
- 25030 Rhododendron Clementinae  
(Fr. 25401) Tree 10-15 ft.; fl. pink; spotted  
purple; alpine region 14,000 ft. Sd. coll.
- 25031 Rhododendron poecilodermum  
(Fr. 25390) Tree 10-15 ft. fl. pinkish white;  
alpine, 14,000 ft. Sd. coll.
- 25032 Calophaca polystichoides Hand.-Mazz.  
(Fr. 25399) Prostrate shrub; fl. yellow; on  
boulders; 14,500 ft. Sd. coll.
- 25033 Iris sp.?  
Fl. blue; alpine meadows; 13,000  
ft.
- 25034 Androsace mariae?  
Fl. pink; on boulders forming  
cushions; alpine region 14,500 ft.
- 25035 Rhododendron ~~sp.?~~ campylogynum  
Low prostrate shrub several inches  
high; fl. red to purplish red;  
alpine region 14,500 ft.
- 25036 Rhododendron ~~sp.?~~ rupicola aff.  
Shrub 1-2 ft. fl. deep blue;  
alpine region 14,500 ft.
- 25037 Rhododendron litlense  
(Fr. 25391) 6-8 ft.; fl. yellow; in fir forest;  
12,500 ft. Sd. coll.
- 25038 Saxifraga ~~sp.?~~ pulchra Engl. & Irmsch  
Fl. red; on boulders; 14,500 ft.
- 25039 Deutzia  
Shrub 6-8 ft.; fl. white; in spruce  
forest; 11,000 ft.

Rock Collections--  
Yun-lu shan, southwest of Li-kiang, Yangtze-Mekong water shed. 25040  
Collected April-May 1932 Contd.

Number

- 25040 Rhododendron basilicum  
(Fr. 25394) Tree 20 ft.; fl. yellowish white;  
in fir forest; trunks 2 ft. in  
diam.; 12,500 ft. Sd. coll.
- 25041 ~~Shrub~~ Ceratostigma Griffithii C.B. Clarke  
1-2 ft.; fl. purple; in valleys  
along streams; June 1932; 8,500 ft.
- 25042 Rhododendron irroratum  
(Fr. 25400) Tree 10-15 ft.; fl. white spotted  
purple; in pine forest; April-May  
1932; 10,000 ft. Sd. coll.
- 25043 Rhododendron ~~sp.?~~ irroratum  
Tree 20 ft.; fl. red; in pine forest;  
April-May 1932; 10,000 ft.
- 25044 ~~Tree-~~ Skimmia arborescens T. Anders  
8-10 ft.; fl. yellow; pine forest;  
10,000 ft.
- 25045 Rhododendron ~~sp.?~~ racemosum  
Shrub 4-5 ft.; fl. rich pink; in  
pine forest; May 1932; 10,000 ft.
- 25046 Rhododendron hippophaeoides  
(Fr. 25402) Shrub 3 ft.; fl. blue; in alpine  
meadows; 11,500 ft. Sd. coll.
- 25047 Rhododendron ~~sp.?~~ racemosum  
Shrub 4 ft.; fl. pale pink; in  
pine forests; 10,000 ft.
- 25048 Lilium sp.?  
Fl. yellowish red; pine forests  
along water courses August 1932  
10,000 ft.
- 25049 Ribes ~~sp.?~~ moupinense Franch.  
Fl. yellow; 5 ft. tall; in spruce  
forest; May 1932; 11,000 ft.

Collected August 1932

- 25050 ~~Lilium sp.?~~ Nomocharis lophophora Balf. f.  
Fl. yellow; alpine meadows 12,500  
ft.
- 25051 Nomocharis ~~sp.?~~ saluensis Balf.  
Fl. purplish pink; alpine meadows,  
edge of forests; 12,500 ft.

- | <u>Number</u> |  |  |           |
|---------------|--|--|-----------|
| 25052         | Rhododendron <del>sp.?</del> <del>sp.?</del>         | fulvum                                       |           |
|               |  | Tree 20 ft.; fl. whitish pink;               |           |
|               |  | in fir forest; April 1932                    |           |
|               |  | 12,500 ft.                                   |           |
| 25053         | Rhododendron <del>sp.?</del> <del>sp.?</del>         | Beesianum                                    |           |
|               |  | Tree 20-25 ft.; fl. rose color;              |           |
|               |  | in fir forest; April 1932; 12,500            |           |
|               |  | ft.  |           |
| 25054         | Rhododendron <del>sp.?</del> <del>sp.?</del>         | fulvum                                       |           |
|               |  | Tree 10-15 ft.; fl. pink; in fir             |           |
|               |  | forest; April 1932, 12,500 ft.               |           |
| 25055         | Rhododendron   | fictolacteum                                 |           |
| (Fr. 25396)   |  | Tree 20 ft.; fl. white; in fir               |           |
|               |  | forest; April 1932; 12,500 ft.               | Sd. coll. |
| 25056         | Rhododendron   | basilicum                                    |           |
| (Fr. 25389)   |  | Tree 20-25 ft.; fl. yellow; in               |           |
|               |  | fir forests; 13,000 ft.                      | Sd. coll. |
| 25057         | <del>Libanum</del> - <del>sp.?</del> <del>sp.?</del> | Nomocharos lophophora Balf. var.             |           |
|               |  | Leaves very narrow; fl. yellow;              |           |
|               |  | alpine meadows; Aug. 1932; 13,000            |           |
|               |  | ft.  |           |
| 25058         | Primula <del>sp.?</del> <del>sp.?</del>              | Diapensia purpurea Diels fa. rosea W. E. Ev. |           |
|               |  | Fl. pink; on boulders forming                |           |
|               |  | cushions; Aug. 1932; 14,500-                 |           |
|               |  | 15,000 ft.                                   |           |
| 25059         | Rhododendron   | basilicum                                    |           |
| (Fr. 25393)   |  | Tree 25 ft.; fl. pink; fir forest;           |           |
|               |  | 12,500 ft. July 1932;                        | Sd. coll. |
| 25060         | Rhododendron   | basilicum                                    |           |
| (Fr. 25388)   |  | Tree 25 ft.; fl. pink; leaves                |           |
|               |  | large; in fir forest; April-                 |           |
|               |  | May 1932                                     | Sd. coll. |
| 25061         | Rhododendron <del>sp.?</del> <del>sp.?</del>         | brevistylum                                  |           |
|               |  | Tree 10-15 ft.; fl. purplish pink;           |           |
|               |  | in fir forest; April-May 1932                |           |
| 25062         | Orchis   | chusana Don                                  |           |
|               |  | Fl. red; in meadows; 11,000 ft.              |           |
| 25063         | Sorbus <del>sp.?</del> <del>sp.?</del>               | rufopilosa Schneid.                          |           |
|               |  | Tree 10 ft.; fl. pink; in spruce             |           |
|               |  | forest; April-May 1932; 11,000               |           |
|               |  | ft.  |           |
| 25064         | Cotoneaster  |  |           |
|               |  | Prostrate shrub; fl. pinkish red;            |           |
|               |  | on rocks; 11,000 ft.                         |           |

Rock Collections--  
Yun-lu shan, southwest of Li-kiang, Yangtze-Mekong water shed.  
Collected August 1932 Contd.

Number

- 25065 *Hydrangea* sp.? - *Xanthoneura* Diels  
Tree 10-15 ft.; fl. white-cream;  
along streams in pine forest;  
9,000 ft.
- 25066 *Lonicera* sp.? - *Henryi* Hemsl.  
Woody climber; fl. yellow; along  
streams in pine forest; 9,000 ft.
- 25067 ~~woody climber~~ - *Actinidia venosa* Rehd.  
Fl. yellow; in forests at 10,000  
ft.; May 1932
- 25068 *Spiraea* sp.? - *japonica* L. J. var. *accuminata* Franch.  
Shrub 4 ft.; fl. white; in pine  
forest in gullies; May 1932,  
10,000 ft.
- 25069 *Tilia* sp.? - *panicostata* Maxim.  
30 ft. tall; fl. white; in valleys  
along water courses; 10,500 ft.
- May 1932
- 25070 *Primula* sp.? *bathangensis* Petitm.  
Fl. yellow; along water courses;  
9,500 ft.
- 25071 *Meconopsis* sp.?  
Fl. pale blue; in alpine meadows;  
13,500 ft.
- 25072 *Sorbus* sp.? *Rehderiana* Kuhn  
Tree 10 ft.; fl. white; alpine  
region; 13,000 ft.
- 25073 *Primula pinnatifida* Franch. forma  
(Fr. 25392) Fl. blue; alpine meadows; 14,000  
ft. Sd. coll.
- 25074 *Rosa omeiensis* Rolfe  
(Fr. 25397) Shrub 6 ft.; fl. white; in fir  
forests; 12,500 ft. Sd. coll.
- 
- Collected on Lao-chun shan, southwest of Shi-ku and Yangtze. May 1932.
- 25075 Woody climber  
20 ft. long; fl. yellow; in forests;  
11,000 ft.

Number

- 25076 *Cephalotaxus Fortunei* Hook.  
(Fr. 25420) Tree 60-80 ft.; open forest country;  
10,500 ft. Sd. coll.
- 25077 *Pedicularis labellata* Jacq.  
Fl. pink; meadows; Aug. 1932;  
11,000 ft.
- 25078 *Polygonum Hookeri* Meisn.  
Fl. dark red; alpine meadows;  
13,000 ft.
- 25079 *Rhododendron Clementinae*  
(Fr. 25432) Tree 10 ft.; fl. pink; alpine  
region 13,500 ft. Sd. coll.
- August 1932
- 25080 *Potentilla* sp.? *coriandrifolia*  
Fl. yellow; alpine meadow;  
13,000 ft.
- 25081 *Rhododendron fastigiatum*  
(Fr. 25417) Shrub 1 ft.; fl. pale blue;  
alpine region; 14,000 ft. Sd. coll.
- 25082 *Salvia* sp.? *hiana* Hoyle  
Fl. red; alpine meadows; 13,500  
ft.
- 25083 *Clematis* sp.? *montana* Buch.-Ham. var. *grandiflora* Hook.  
Fl. large white; in spruce forest;  
11,500 ft.
- 25084 *Rhododendron* sp.? *creotrepes*  
Shrub 5-6 ft.; fl. red ?; in spruce  
forest; 11,500 ft.
- 25085 *Rubus gracilis* Roxb.  
(Fr. 25413) Fl. pink; 2-1/2 ft.; in canebrake;  
12,000 ft. Sd. coll.
- 25086 *Primula aurantiaca* W.W.Sm. et Forrest  
(Fr. 25409) Very rare; fl. yellow; alpine  
meadows; 13,000 ft. Sd. coll.
- 25087 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
(Fr. 25412) Fl. purplish blue; alpine meadows;  
13,000 ft. Sd. coll.
- 25088 ~~Amaranthac.~~ *Polygonum Hookeri* Meisn.  
Herb; fl. white; alpine meadows  
13,000 ft.

Rock Collections--  
Collected on Lao-chun shan, southwest of Shi-ku and Yangtze.  
May 1932

<u>Number</u>		
25089	<del>Barriag</del> -Myositis sylvatica (Ehrt.) Hoffm. Johnston Fl. blue; in spruce forest; 11,000 ft.	
25090	Pedicularis sp.?- szechuanica Max var. longispica Bonati Fl. purple; alpine meadows; 12,500 ft.	
25091 (Fr. 25415)	Primula sikkimensis Hook. Fl. yellow; wet alpine meadows; 13,000 ft.	Sd. coll.
25092	Pedicularis filicula Fr. Fl. purplish red; alpine meadows; 13,000 ft.	
25093	Cotoneaster sp.?- 6 ft.; fl. red; in forests at 12,000 ft.	
25094 (Fr. 25428 $\frac{1}{2}$ )	Rhododendron dasycladum Tree 10 ft.; in fir forest 12,500 ft.	Sd. coll.
25095	Meconopsis sp.? Fl. purplish blue; in alpine meadows 13,000 ft.	
25096 (Fr. 25408)	Meconopsis integrifolia (Maxim.) Fr. Fl. yellow; in alpine meadows among rocks; 12,500 ft.	Sd. coll.
25097 (Fr. 25422)	Rhododendron recurvum Shrub 10 ft.; fl. :; in fir forests; 12,500 ft.	Sd. coll.
25098	Potentilla <del>fruticosa</del> - veitchii Wils Shrub 2-3-4 ft.; fl. large white; alpine region 12,000 ft.	
25099 (Fr. 25429)	Rhododendron oreotrephes Shrub 10 ft.; in fir forest 12,000 ft.	Sd. coll.
25100 (Fr. 25410)	Primula Poissonii Franch. Fl. deep purple - red; in wet alpine meadows; 10,500 ft.	Sd. coll.
25101 (Fr. 25416)	Primula anisodora Balf. f. et Forrest vel. affl. Fl. lake colored; in wet alpine meadows; 10,500 ft.	Sd. coll.

Number

- 25102 *Rhododendron fulvoides*  
(Fr. 25431) Tree 15-20 ft.; fl. pink; in fir forest; 12,500 ft. Sd. coll.
- 25103 *Rhododendron fictolacteum*  
(Fr. 25418) Tree 25 ft.; fl. pink; in fir forest; 12,500 ft. Sd. coll.
- 25104 *Rhododendron fictolacteum*  
(Fr. 25424) Tree 30 ft.; fl. rose colored; in fir forest 12,500 ft. Sd. coll.
- 25105 *Meconopsis impedita* Prain  
(Fr. 25411) Fl. deep blue alpine meadows; 13,000 ft. Sd. coll.
- 25106 *Rhododendron fulvum*  
(Fr. 25426) Tree 25 ft.; fl. whitish pink; in fir forest; 12,000 ft. Sd. coll.
- 25107 *Salvia ~~sp.?~~ hiana* Royle  
Fl. red; alpine meadows; 13,500 ft.
- 25108 *Androsace spinulifera*  
Fl. pink; dry slopes, 9,500 ft.
- 25109 *Incarvillea ~~sp.?~~ lutea* Bur. & Fr.  
Fl. yellow; among oak and pines; 10,500 ft.
- 25110 *Rhododendron fulvum*  
(Fr. 25425) Tree 15-20 ft.; pink; in fir forest; 12,500 ft. Sd. coll.
- 25111 *Rhododendron fictolacteum*  
(Fr. 25414) Tree 20 ft.; fl. white to pink; fir forest; 12,500 ft. Sd. coll.
- 25112 *Rhododendron niphargum*  
(Fr. 25421) Tree 10-12 ft.; fl. pink; fir forest; 12,500 ft. Sd. coll.
- 25113 *Rhododendron dendritrichum*  
Tree 10-15 ft.; fl. pink; fir forest; 12,500 ft.
- 25114 *Rhododendron niphargum*  
(Fr. 25419) Tree 20 ft.; fl. rose; fir forest; 12,500 ft. Sd. coll.
- 25115 *Rhododendron Clementinae*  
(Fr. 25430) Shrub 6-8 ft.; fl. white; alpine region; 13,500 ft. August 1932; Sd. coll.

- Number
- 25116 *Rhododendron poecilodermum*  
(Fr. 25423) Tree 10-15 ft.; fl. pink;  
alpine region; 13,500 ft. Sd. coll.
- 25117 *Nomocharis sp.? - pardanthina* Fr.  
Fl. pink spotted; in canebrake;  
11,500 ft.
- 25118 *Vitis sp.? - Ribes Macimowiczii* Batal.  
Woody climber; fl. pale yellow;  
in forest climbing over bushes;  
along streams; 10,000 ft. Apr.  
1932.
- 25119 *Trillium obovatum* Pursh  
Fl. white; in canebrake; 11,500  
ft.
- 25120 *Castanea mollissima* Bl.  
Tree 20 ft.; fl. pale yellow;  
in pine forest; 9,500 ft.
- 25121 *Rhus sp.? Malus baccata* (L.) Borkh.  
Tree 15 ft.; fl. white; in pine  
forest along streams; 9,500 ft.
- 25122 *Malus sp.? - yunnanensis* (Fr.) Schneid.  
Tree 20 ft.; fl. white; in pine  
forest 9,500 ft.
- 25123 ~~Shrub~~ *Zanthoxylum oxyphyllum* Edgew.  
6 ft.; fl. yellow; in pine forests;  
10,000 ft.
- 25124 *Rhododendron sp.? - fulvum*  
Tree 20 ft.; fl. pink; in fir  
forests; 12,000 ft.
- 25125 *Rhododendron sp.? - racemosum*  
Shrub 5-6 ft.; fl. pink; in pine  
forest 9,500 ft.
- 25126 *Rhododendron sp.? - racemosum*  
Shrub 5-6 ft.; fl. pale pink in  
pine forest; 9,500 ft.
- 25127 *Lilium sp.? bakerianum* Coll. & Hemsl.  
Fl. yellow spotted purple; in  
pine forest; 9,500 ft.; Aug. 1932
- 25128 ~~Tree~~ *Prunus brachypoda* Batal.  
40 ft.; fl. white; in fir forest  
May 1932; 11,500 ft.

Number

- 25129 *Lilium* sp.?- *bakerianum* Coll. & Hensl.  
Fl. yellow; along watercourses;  
pine forest; August 1932
- 25130 *Rhododendron* sp.? *Beesianum*  
20 ft. tall; fl. pink, rose  
colored; in fir forest;  
12,000 ft.
- 25131 *Salix* sp.?  
Shrub 10 ft.; in spruce forest;  
11,000 ft.

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Collected on Kin-tzu shan, Dsho-yu nvlu, Labako, west of  
Shi-ku. July 1932

- 25132 *Rhododendron campylogynum*  
(Fr. 25459) Prostrate shrub; fl. red; among  
rocks; 14,000 ft. Sd. coll.
- 25133 *Rhododendron litiense*  
(Fr. 25467) Tree 10 ft.; fl. yellow; in fir  
and spruce forest 13,000 ft. Sd. coll.
- 25134 *Meconopsis* sp.?  
Fl. purple; among rocks; 14,000  
ft.
- 25135 *Pedicularis rupicola* Fr.  
Fl. purple; in alpine meadows  
along water courses; 13,500 ft.
- 25136 Herb- *Dipoma iberidium* Fr.  
Fl. white; in gravel at 14,000  
ft.
- 25137 *Pedicularis* sp.?- *rhodotricha* Max.  
Fl. purple; meadows; 13,000 ft.
- 25138 *Pedicularis* sp.?  
Fl. purple; meadows 13,000 ft.
- 25139 *Iris* sp.?  
Blackish purple; meadows; 13,000  
ft.
- 25140 *Allium* sp.?- *victorialis* Linn  
Fl. white; in fir forest; 13,000  
ft.
- 25141 *Paraquilegia anemonioides*  
Fl. lavender; on cliffs; 13,500  
ft.

## Rock Collections--

Collected on Kin-tzu shan, Dsho-yu nvlu, Labako, west of  
Shi-ku. July 1932 Cont'd.227  
25142

- | Number      |   |  |           |
|-------------|---|--|-----------|
| 25142       | <i>Cremanthodium</i> sp. ?- <i>campanulatum</i> Diels | Fl. purple; among rocks;<br>14,000 ft.   |           |
| 25143       | <i>Primula pinnatifida</i>                            | Alpine meadows; 14,000<br>ft.  |           |
| 25144       | <i>Primula</i> sp. ?- <i>bella</i> Franch.            | Fl. blue; on boulders;<br>14,500 ft.   |           |
| 25145       | <i>Lilium hyacinthinum</i> ?                          | Fl. pinkish lavender; in<br>fir forests; 13,000 ft.                            | Sd. coll. |
| (Fr. 25457) |   |  |           |
| 25146       | Herb- <i>Polygonum forrestii</i> Diels                | Fl. white; among rocks at<br>14,500 ft.  |           |
| 25147       | Herb  | Fl. purplish blue; in meadows<br>at 12,000 ft.                                 |           |
| 25148       | <i>Rhododendron</i> sp. ?- <i>fulvum</i>              | Tree 15-20 ft.; fl. pink;<br>in fir forest; 12,500 ft.<br>Apr-May 1932         |           |
| 25149       | <i>Rhododendron fulvum</i>                            | Tree 10-15 ft.; fl. dark<br>rose; in fir forest; 12,500<br>ft.; April-May 1932 | Sd. coll. |
| (Fr. 25468) |   |  |           |
| 25150       | <i>Rhododendron</i> sp. ?- <i>cuneatum</i>            | Shrub 3 ft.; fl. blue; among<br>limestone rocks; 11,500 ft.                    |           |
| 25151       | <i>Rhododendron</i> sp. ?- <i>fulvum</i>              | Tree 15-20 ft.; fl. pink;<br>in fir forests; 12,500 ft.                        |           |
| 25152       | <i>Rhododendron fictolacteum</i>                      | Tree 10-15 ft.; fl. pink;<br>in fir forests; 12,500 ft.                        | Sd. coll. |
| (Fr. 25466) |   |  |           |
| 25153       | <i>Rhododendron</i> sp. ?- <i>racemosum</i>           | Shrub 3-4 ft.; fl. pink;<br>in pine forests; 10,000<br>ft.                     |           |
| 25154       | <i>Rhododendron aureum</i>                            | Shrub 4 ft.; fl. lemon yellow;<br>very rare; in pine forest;<br>10,000 ft.     | Sd. coll. |
| (Fr. 25465) |   |  |           |

Number

- 25155 *Rhododendron recurvum*  
(Fr. 25464) Shrub spreading; fl. rose;  
among rocks at 14,500 ft.  
August 1932 Sd..coll.
- 25156 *Rhododendron prunum*  
(Fr. 25458) Shrub 1 ft.; fl. pink; among  
rocks at 14,500 ft. Sd. coll.
- 25157 *Nomocharis pardanthina* Fr.  
Fl. pink spotted purple; out-  
skirts of fir forests; 12,500  
ft.
- 25158 ~~*Lilium lophophorum* var.?~~ *Nomocharis lophophora* Balf. var.  
(Fr. 25460) Fl. yellow; alpine meadows;  
13,000 ft. Sd. coll.
- 25159 *Juniperus* sp.?- *Wallichiana* Hook. f.  
Prostrate shrub or tree 5-8  
ft.; alpine regions, 13,000 ft.
- 25160 *Lagotis yunnanensis* W.W.Smith  
(Fr. 25461) Fl. white; among rocks; 13,500  
ft.; Aug. 1932 Sd. coll.
- 25161 *Rhododendron poecilodermum*  
(Fr. 25462) Tree from 3-10 ft.; fl. pink;  
forming scrub *Rhododendron* vege-  
tation at 14,000 ft. Sd. coll.
- 25162 *Rhododendron poecilodermum*  
(Fr. 25463) Tree 10-15 ft.; in fir forests  
12,500 ft. Sd. coll.
- 25163 *Nomocharis* sp.?- *pardanthina* Fr.  
Fl. pinkish white spotted  
purple; outskirts of fir forests;  
12,500 ft.
- 25164 *Orchis chusana* Don  
Fl. purplish red; in fir forests;  
11,500 ft.
- 25165 ~~*Pelypede*~~-sp.?- *Loxogramme salicifolia* Mak.  
On cliffs and boulders in fir  
forests; 11,500 ft.
- 25166 *Polypodium lineare* Thunb. var.  
On fir tree in fir forests;  
11,500 ft.

## Rock Collections--

Collected on Sung-kwe pass between Li-kiang and Ho-king,  
south of Li-kiang. July-August 1932.

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25167

- |                      |  |           |
|----------------------|--|-----------|
| Number<br>25167      | <i>Meconopsis betonicifolia</i><br>Fl. blue; in fir forest;<br>12,500 ft.;   | Sd. coll. |
| 25168<br>(Fr. 25455) | <i>Rhododendron heptamerum</i><br>Shrub or tree; 10-15 ft.;<br>fl. deep purple-red; in fir<br>forest; 12,500 ft.     | Sd. coll. |
| 25169                | <i>Rhododendron Delavayi</i><br>Tree 10-15 ft.; fl. scarlet;<br>in pine forest; 9,500 ft.;<br>Apr. 1932.             |           |
| 25170<br>(Fr. 25451) | <i>Rhododendron irroratum</i><br>Shrub or tree 10-15 ft.; fl.<br>white, pinkish tinge in pine<br>forests; 10,000 ft. | Sd. coll. |
| 25171                | <i>Rhododendron sp.♀- decorum</i><br>Shrub 1-2 ft.; fl. deep rose;<br>in pine forest; 10,000 ft.                     |           |
| 25172                | <i>Rhododendron sp.♀ decorum</i><br>Shrub 1-2 ft.; fl. white, to<br>pale pink; in pine forest;<br>10,000 ft.         |           |
| 25173<br>(Fr. 25443) | <i>Rhododendron scabrifolium</i><br>Shrub 5 ft.; fl. pink; in pine<br>and oak scrub; 10,000 ft.                      | Sd. coll. |
| 25174                | <i>Rhododendron sp.♀- aechmophyllum</i><br>Shrub 6-8 ft.- 10 ft.; fl.<br>pink; in pine forests; 10,000<br>ft.        |           |
| 25175                | <i>Thea sp.♀- Pitardii</i> Rehd.<br>Shrub 8 ft.; fl. pink; in<br>pine forest; 10,000 ft.                             |           |
| 25176                | <i>Rhododendron sp.♀- aechmophyllum</i><br>Shrub 6 ft.; fl. pink; in pine<br>forest; 10,000 ft.                      |           |
| 25177                | Tree-- <i>Symplocos setchuensis</i><br>20 ft.; fl. yellow; in fir<br>forest and spruces, 11,500 ft.                  |           |
| 25178<br>(Fr. 25449) | <i>Primula sikkimensis</i> Hook.<br>Fl. yellow; wet alpine meadows;<br>13,500 ft.                                    | Sd. coll. |

Collected on Sung-kwe pass between Li-kiang and Ho-king, south  
of Li-kiang. July -August 1932

Number

- 25178 *Primula sikkimensis* Hook.  
(Fr. 25449) Fl. yellow; wet alpine meadows;  
13,500 ft. Sd.
- 25179 *Paeonia* ~~sp.?~~ *lutea* Franch.  
Shrub 3ft.; fl. yellow; in spruce  
forest; 11,000-11,500 ft
- 25180 ~~Herb.~~ *Aletris lamuginosa* Bur. & Fr.  
Fl. white; on rocks in pine forests;  
10,000 ft.
- 25181 *Carpesium*  
Fl. yellow; in meadows; 11,500  
ft.
- 25182 *Rhododendron Bureavii*  
(Fr. 25439) Tree 10-15 ft.; fl. white; in fir  
forest; 12,500 ft. Sd.
- 25183 *Potentilla* sp.?  
Fl. yellow; alpine region among  
rocks; 14,000 ft.
- 25184 *Pedicularis* sp.?  
Fl. purplish red; alpine meadows;  
13,500 ft.
- 25185 *Androsace spinulifera*?  
(Fr. 25450) Fl. pink; dry pine forested slopes,  
9,500 Sd.
- 25186 *Pedicularis* ~~sp.?~~ *lachnoglossa* var. *macrantha* Bonati  
Fl. purplish red; alpine meadows;  
12,500 ft.
- 25187 *Potentilla* sp.?  
Fl. yellow; alpine meadows among  
rocks; 13,000 ft.
- 25188 *Rhododendron cephalanthum*  
(Fr. 25440) Shrub 3ft.; fl. white, fragrant;  
among rocks; 13,500 ft. Sd.
- 25189 ~~Herb.~~ *Scrophularia Delavayi* Fr.  
Fl. yellow, rare; alpine meadow;  
12,500 ft.
- 25190 *Rhododendron heliolepis*  
(Fr. 25446) Shrub 4-5ft.; fl. deep rose; in  
fir forest; 12,500 ft.; June-July  
1932 Sd.

## Rock Collections --

Collected on Sung-kwe pass between Li-kiang and Ho-king, south  
of Li-kiang. July-August 1932

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25191

Number

- 25191 ~~Crotid~~-sp. *Pinguicula alpina* L.  
Fl. white; changed pink after  
drying; on rocks and cliffs;  
13,000 ft.
- 25192 *Meconopsis* sp.?  
Fl. deep blue; alpine meadows;  
13,500 ft.
- 25193 *Rhododendron Balfourianum* var. *aganniphoides*  
(Fr. 25437) Tree 10 ft.; fl. pink; above  
fir forest; 14,000 ft. Sd.
- 25194 *Rhododendron Bureavii*  
(Fr. 25442) Tree 20ft.; forming forests;  
Fl.? above fir forest; 14,000 ft. Sd.
- 25195 *Aster staticifolia*  
Fl. bluish purple; among rocks;  
11,500-12,000 ft.
- 25196 *Pedicularis* sp.?  
Fl. purplish red; alpine meadows;  
12,500 ft.
- 25197 ~~Schima~~-sp.-? *Ternstroemia gymnanthera* (W. & A.) Sprague  
Tree 10 ft.; fl. white; in  
gulches en route to Sung-kwe;  
8,500 ft.
- 25198 *Primula* sp.-? *malvacea* Franch.  
Fl. white; in gulches; 9,500 ft.
- 25199 *Primula* sp.-? *malvacea* Franch.  
Fl. blue; in gulches; 9,500 ft.

## May 1932

- 25200 *Primula* sp.-? *obconica* Hance forma  
Fl. bluish pink; fir forests among  
rocks; 11,500 ft.
- 25201 *Aster staticifolia*  
Fl. purplish blue; outskirts fir  
forest; 12,000 ft.
- 25202 *Rosa* sp.-? *odorata* Sweet var. *gigantea* (Collett) Rehd. & Wils.  
Shrub 5 ft.; fl. yellow, large;  
at Sung-kwe, cultivated; 8,000 ft.

Rock Collections --  
Sung-kwe pass between Li-kiang and Ho-king, south of Li-kiang.  
Contd.Number

- 25203 *Rhododendron* ~~sp.?~~ *fictolacteum*  
Tree 20-25 ft.; fl. pink; in  
fir forest; 12,500 ft.
- 25204 *Rhododendron* *desquamatum*  
(Fr. 25438) Shrub 10 ft.; fl. pinkish purple;  
in pine forests; 10,000 ft. Sd.
- 25205 ~~*Taxus* sp.?~~ *Cephalotaxus* *Fortunei* Hook.  
Tree 20 ft.; in spruce forest in  
gulches; 11,500 ft.

Collected at Yün-lu shan southwest of Li-kiang. Apr.-May 1932.

- 25206 *Rhododendron* *rhaubocarpum*  
(Fr. 25398) Shrub 4 ft.; fl. deep purplish  
red; above fir forest; 13,000 ft. Sd.

Rock Collections -- Sung-kwe pass between Li-kiang and Ho-kiang,  
south of Li-kiang. Contd.

- 25207 *Rhododendron* *fictolacteum*  
(Fr. 25448) Tree 25 ft.; fl. pink; in fir  
forests at 12,500 ft.; Sung-kwe. Sd.
- 25208 *Keteleeria* *Davidiana* (Bertr.) Beiss.  
(Fr. 25433) Tree 15-20-40 ft.; in pine forests;  
9,000 ft. Sd.
- 25209 *Rhododendron* *fictolacteum*  
(Fr. 25447) Tree 20 ft.; fl. pink; in fir  
forests; 12,000 ft. Sd.

May 1932

- 25210 *Rhododendron* ~~sp.?~~ *irroratum*  
Tree 10-15 ft.; fl. white; in  
pine forests; 10,000 ft.
- 25211 *Rhododendron* *fictolacteum*  
(Fr. 25444) Tree 10-20 ft.; fl. deep rose  
with a deep purplish red spot at  
base of corolla; in fir forest;  
12,500 ft. Sd.

Rock Collections  
Sung-kwe pass between Li-kiang and Ho-kiang, south of  
Li-kiang. Contd.Number

- 25212 *Gentiana* ~~sp.?~~ *arethusae* Burkill  
Fl. deep blue; in wet alpine  
meadows; 11,500 ft.
- 25213 *Momocharis* ~~sp.?~~ *ssluenensis* Balf.  
Fl. pink; outskirts of fir  
forests; 12,000 ft.; Aug.-Sept.  
1932
- 25214 *Meconopsis* sp.?  
Fl. purplish blue; alpine  
meadows; 12,000 ft. Aug.-  
Sept. 1932.

Collected between Talifu and Yünnanfu.

- 25215 *Rhododendron* *Scottianum*  
(Fr. 25238) Shrub 4-5 ft.; fl. large white-  
pink, fragrant; in dry gulches at  
Kwangtung in mountains west of  
Kwangtung; May 1932 Sd.
- 25216 *Rhododendron* ~~sp.?~~ *siderophyllum*  
Shrub 10 ft.; fl. ?; dry scrub-covered  
hills between Kwangtung and Shetse;  
8,000 ft.; May 1932
- 25217 *Rhododendron* *indicum* form  
(Fr. 25233) Tree 15-20 ft.; fl. red; along  
streams between Shetse and Lufung  
at Hsiang shui Kwan; 7,500 ft.  
May 1932 Sd.
- 25218 *Rhododendron* *Scottianum* aff.  
(Fr. 25235) Shrub 3-4 ft.; fl. white, fragrant;  
on scrub covered hills same loc.  
as 25217 Sd.
- 25219 *Rhododendron* ~~sp.?~~ *Scottianum*  
Shrub 4-5 ft.; fl. pink, fragrant;  
same loc. as 25218
- 25220 ~~Tree~~ *Pittosporum* *daphniphyloides* Hay.  
20 ft.; fl. golden yellow, fragrant;  
at Hsiangshui Kwan between Lufung and  
Shetse; 9,500 ft.; May 1932.
- 25221 *Polydium* sp.?  
On rocky slopes under tree No. 25220

Number

- 25222 *Rhododendron* sp. n. - microphyton  
Shrub 2-3 ft.; fl. blue-purple;  
oak scrub and pine at Cha fang ssu;  
6,700 ft.; May 1932.
- 25223 *Rhododendron* sp. n. scabrifolium  
Shrub 4-6 ft.; fl. brick red;  
mountains of Yin wu Kwan en  
route to Sha Chiao from Peiping;  
6,000 ft.
- 25224 *Rhododendron* sp. n. scabrifolium  
Tree 15-18 ft.; fl. brick red;  
Ditto above
- 25225 *Rhododendron* scabrifolium  
(Fr. 25237) Tree 10-15 ft.; fl. red; ditto  
above. Sd.
- 25226 *Deutzia* sp. aff. *D. pilosa*  
Shrub 2-3 ft.; fl. white; along  
streams en route to Yin wu Kwan.
- 25227 *Rhododendron* microphyton form.  
(Fr. 25239) Shrub 2-3 ft.; fl. deep purplish  
blue; scrub covered mountains  
overlooking Yunnanyi. Sd.
- 25228 *Rhododendron* Scottianum aff.  
(Fr. 25236) Shrub 5-6 ft.; fl. white, very  
fragrant; mountains of Ting hsi  
ling between Chiau chan and Hung  
ngai; 9,000 ft. Sd.
- 25229 *Rhododendron* scabrifolium  
(Fr. 25234) Shrub 6-5 ft.; fl. white, very  
hairy; oak scrub, sandstone hills,  
between Peiping and Sha Chiao;  
7,000 ft. Sd.
- 25230 ~~Composite~~ sp. n. - *Pertya phyllicoides* Jeffrey  
Shrub 2 ft.; fl. ?; pine under-  
growth in Yangtze gorge near  
Haba; April 1931; 10,000 ft. Sd.  
J.F.R.
- 25231 *Primula* ~~sp. n.~~ *Dubernardiana* Forrest  
Fl. white; on cliffs and in the  
cave of T'aitzu Tung western slopes  
of Li-kiang snow range; Oct.-Nov.  
1931; 10,000 ft.

Number

- 25232 *Leontopodium* sp.?  
In gullies and meadows of  
Ndazagko; 11,200 ft. Nov. 1931
- 25233 *Rhododendron indicum* forma  
See No. 25217 Sd.
- 25234 *Rhododendron scabrifolium*  
See No. 25229 Sd.
- 25235 *Rhododendron Scottianum* aff.  
See No. 25218 Sd.
- 25236 *Rhododendron Scottianum* aff.  
See No. 25228? Sd.
- 25237 *Rhododendron scabrifolium*  
See No. 25225 Sd.
- 25238 *Rhododendron Scottianum*  
See No. 25215 Sd.
- 25239 *Rhododendron microphyton* form  
See No. 25227A Sd.
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- 25240 *Rhododendron Scottianum*  
Shrub 3-4 ft.; fl. ?; large  
white?; collected at An nan Kwan  
between Yunnan Yi and Peiping;  
Dec. 1932; similar to 25215; Sd.
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Collected on mountains to the east of Hsiao Chung-tien northwest  
September 1932. U Yunnan

- 25242 *Omphalogramma vinciflorum* Franch.  
See No. 24617 Sd.
- 25243 *Primula chionantha* Balf. f. et Forrest vel. aff.  
See No. 24607 Sd.
- 25244 *Primula chionantha* Balf. f. et Forrest vel. aff.  
See No. 24615 Sd.
- 25245 *Primula vittata* Franch.  
See No. 24613 Sd.
- 25246 *Rhododendron adenophorum*  
See No. 24612 Sd.
- 25247 *Rhododendron desquamatum*  
See No. 24609 Sd.

Number

- 25248 *Meconopsis horridula* Hook. f. & Thoms.  
See No. 24608 Sd.
- 25249 *Cornus macrophylla* Wall.  
See No. 24620 Sd.

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Collected west of Hsia Chung-tien; N.W. Yunnan.

- 25250 *Sorbus* sp. # (not *Sorbus multijuga* Koehne)  
See No. 24652 Sd.
- 25251 *Rhododendron niphargum*  
See No. 24653 Sd.
- 25252 *Rhododendron Traillianum*  
See No. 24646 Sd.
- 25253 *Omphalogramma*  
See No. 24641 Sd.
- 25254 *Primula amethystina* Franch. subsp. *brevifolia* Forrest  
See No. 24655 Sd.
- 25255 *Primula sinopurpurea* Balf. f. vel. aff.  
See No. 24614 Collected on the  
meadows of Hsiao Chung-tien Sd.
- 25256 *Primula chionantha* Balf. f. et Forrest vel aff.  
See No. 24647 Sd.
- 25257 *Primula sinopurpurea* Balf. f. vel aff.  
See No. 24667 Sd.
- 25258 *Rhododendron cantabile*  
See No. 24659? Sd.
- 25259 *Rhododendron Traillianum*  
See No. 24623 Sd.
- 25260 *Rhododendron rhaibocarpum*  
See No. 24656? Sd.
- 25261 *Primula amethystina* Franch.  
See No. 24632 Sd.
- 25262 *Incarvillea grandiflora* var. *brevipes* Sprague  
See No. 24636 Sd.

Number

25263	<i>Primula conica</i> Balf. f. et Forrest vel aff. See No. 24636	Sd.
24264	<i>Saxifraga nutans</i> HK. f. & Th. See No. 24634	Sd.
25265	<i>Primula calliantha</i> Franch. See No. 24643	Sd.
25266	<i>Prunus crataegifolia</i> Hand.-Mazz. See No. 24631	Sd.
25267	<i>Viburnum cordifolium</i> Wall. See No. 24668	Sd.
25268	<i>Pedicularis</i> sp.? - <i>hhabachanensis</i> Bonati? See No. 24644	Sd.
25269	<i>Viburnum betulifolium</i> Batal. See No. 24629	Sd.
25270	<i>Larix Potaninni</i> Batal. See No. 24648	Sd.
25271	<i>Meconopsis horridula</i> Hook. f. & Thoms. See No. 24637	Sd.
25272	<i>Rhododendron preptum</i> aff. See No. 24660	Sd.
25273	<i>Schizandra propinqua</i> Hook.f. & Th. var. <i>chinensis</i> Oliv. See No. 24669	Sd.
25274	<i>Crataegus chungtienensis</i> W.W.Sm. Tree 15 ft.; fruits red; reg. of Chung-tien; 10,000 ft.	Sd.
25275	<i>Evonymus nanooides</i> Loes. & Rehd. See No. 24724	Sd.
25276	<i>Primula chungensis</i> Ward See No. 24722	Sd.
25277	<i>Rhododendron cantabile</i> See No. 24694	Sd.
25278	<i>Rhododendron sinolepidotum</i> See No. 24686	Sd.
25279	<i>Iris</i> sp.? See No. 24696	Sd.
25280	<i>Sanguisorba officinalis</i> (L) See No. 24685	Sd.

<u>Number</u>		
25281	<i>Paeonia lutea</i> Franch. See No. 24717	Sd.
25282	<i>Enkianthus deflexus</i> (Griff.) Schneid. See No. 24716	Sd.
25283	<i>Betula luminifera</i> H. Winkl. See No. 24726	Sd.
25284	<i>Malus baccata</i> Borkh. var. <i>himalaica</i> Schneid. See No. 24730	Sd.

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Collected on Haba shan north of Yangtze loop, third peak of  
Likiang Snow Range, Bardar.

25285	<i>Rosa omeiensis</i> Rolfe See No. 24763	Sd.
25286	<i>Ribes tenue</i> Jancz. See No. 24761	Sd.
25287	<i>Meconopsis horridula</i> Hook. f. & Thoms. See No. 24754	Sd.
25288	<i>Lonicera deflexicalyx</i> Batal. var. <i>xerocalyx</i> (Diels) Rehd. Shrub 5 ft.; fl.? fir forests; 12,500 ft.	Sd.
25289	<i>Meconopsis horridula</i> Hook. f. & Thoms. See No. 24756	Sd.
25290	<i>Primula amethystina</i> Franch. subsp. <i>brevifolia</i> Forrest See No. 24760	Sd.
25291	<i>Cremanthodium campanulatum</i> (Franch.) Diels See No. 24755	Sd.
25292	<i>Primula szechuanica</i> Pax See No. 24798	Sd.
25293	<i>Primula Forrestii</i> Balf. f. See No. 24813	Sd.
25294	<i>Meconopsis lancifolia</i> var. <i>concinna</i> G. Tayl. See No. 24749	Sd.
25295	<i>Primula sinoplaginea</i> Balf. f. (vix- 25295) See No. 24796	Sd.
25296	<i>Meconopsis lancifolia</i> var. <i>concinna</i> G. Tayl. See No. 24769	Sd.

## Rock Collections --

Collected on Haba shan north of Yangtze loop, third peak of  
Likiang Snow Range, Bardar. Contd.239  
25297

Number		Sd.
25297	Primula sinoplantaginea Balf. f. See No. 24809	Sd.
25298	Meconopsis integrifolia (Maxim.) Fr. See No. 24797	Sd.
25299	Aster sp.? (not Dracocephalum grandiflorum) See No. 24774	Sd.
25300	Primula secundiflora Franch. See No. 24807	Sd.
25301	Rhododendron Traillianum See No. 24799	Sd.
25302	Rhododendron achroanthum See No. 24805	Sd.
25303	Rhododendron prostratum aff. See No. 24776	Sd.
25304	Piapensia purpurea Diels See No. 24735	Sd.
25305	Rhododendron adenophorum See No. 24801	Sd.
25306	Rhododendron fictolacteum See No. 24795	Sd.
25307	Primula dryadifolia Franch. (vix = 24779) See No. 24779	Sd.
25308	Rhododendron adenogynum See No. 24734	Sd.
25309	Meconopsis lancifolia var. concinna G. Tayl. See No. 24745	Sd.
25310	Berberis Silva-Taroucana Schneid. (not Berberis yunnanensis) See No. 24808	Sd.
25311	Berberis yunnanensis Franch. (not Berberis dicty- ophylla) See No. 24759	Sd.
25312	Paeonia delavayi Franch. See No. 24758	Sd.
25313	Rhododendron sphaeroblastum See No. 24806	Sd.

## Rock Collections --

Collected on Haba shan north of Yangtze look, third peak of  
Likiang Snow Range, Bardar. Contd.

Number

25314	Rhododendron agglutinatum See No. 24742	Sd.
25315	Pedicularis superba See No. 24778	Sd.
25316	Salvia hians See No. 24744	Sd.
25317	Pedicularis sp.? -- habachananensis Bonati See No. 24767	Sd.
25318	Rosa Giraldii Crep. See No. 24772	Sd.

Collected on the Yu-lung shan, Li-kiang snow range

25319	Pedicularis sp.? likiangensis Bonati? Fl. purple; alpine meadows; 12,000 ft.; June 1932	
September-October 1932		
25320	Lactuca Prenanthes umbellata (Franch.) Babc.? Forming rosettes; alpine reg.; scree and gravel, 14,500 ft.	Sd.
25321	Lonicera lanceolata Wall. Fl. ?; shrub 4 ft.; fruits black; alpine meadows, 11,500 ft.; Sd. coll.	Sd.
25322	Rubus micranthus D. Don. Woody climber; fl. ? fruits yellow; in valleys, 10,000 ft.;	Sd.
25323	Primula sp. in fruit (Not= 25323) See No. 24990	Sd.
25324	Primula dryadifolia Franch. See No. 24895	Sd.
25325	Cremanthodium smithianum Hand.-Mazz. See No. 24891	Sd.
25326	Rhododendron rubiginosum See No. 24866	Sd.
25327	Rhododendron pleistanthum See No. 24870	Sd.

Number

25328	Rhododendron Traillianum See No. 24853	Sd.
25329	Rhododendron desquamatum See No. 24867	Sd.
25330	Delphinium Likiangense See No. 24920	Sd.
25331	Rhododendron vernicosum See No. 24857	Sd.
25332	Buddleia fallowiana Balf. & Sm. See No. 24878	Sd.
25333	Picea likiangensis Pritz. See No. 24850	Sd.
25334	Rhododendron sinolepidotum See No. 24899	Sd.
25335	Piptanthus tomentosus Franch. See No. 24871	Sd.
25336	Ribes emodense Rehd. See No. 24931	Sd.
25337	Primula pinnatifida Franch. See No. 24893	Sd.
25338	Incarvillea grandiflora Bur. & Fr. See No. 24852	Sd. (two packets)
25339	Primula pulchella Franch. See No. 24834	Sd.
25340	Rhododendron eritimum See No. 24864	Sd.
25341	Habenaria See No. 24929	Sd.
25342	Primula sikkimensis Hook. forma See No. 24848	Sd.
25343	Androsace spinulifera? See No. 24829	Sd.
25344	Meconopsis integrifolia (Maxim.) Fr. See No. 24851	Sd.
25345	Rhododendron Beesianum See No. 24964	Sd.

<u>Number</u>		
25346	Oreocharis sp.? (not Tremacron Forrestii Craib.)	Sd.
	See No. 24902	
25347	Ribes emodense Rehd.	
	See No. 24921	Sd.
25348	Eriophytum Wallichianum Benth. --det. Merrill	
	See No. 24894	Sd.
	(Labiata)	
25349	Rhododendron adenophorum	
	See No. 24849	Sd.
25350	Rhododendron cephalanthoides	
	See No. 24854	Sd.
25351	Primula sp. in fruit aff. Chungensis (May be (serratifolia)	
	See No. 24947	Sd.
25352	Rhododendron niphargum	
	See No. 24865	Sd.
25353	Cotoneaster acutifolia T.	
	See No. 24818	Sd.
25354	Phlomis sp.?	
	See No. 24908	Sd.
25355	Pedicularis sp.?	
	See No. 24960	Sd.
25356	Pedicularis sp.?	
	See No. 24842	Sd.
25357	Aconitum lycoctonum L. var.	
	See No. 24913	Sd.
25358	Ribes moupinense Franch.	
	See No. 24933	Sd.
25359	(Labiata)	
	See No. 24915	Sd.
25360	Primula Viali Franch.	
	See No. 24907	Sd.
25361	Primula Viali Franch.	
	See No. 24906	Sd.
25362	Lilium lophophorum	
	See No. 24877	Sd.
25363	Prunus salicina Lindl. f.	
	See No. 24868	Sd.

<u>Number</u>		
25364	<i>Primula Forrestii</i> Balf. f. See No. 24874	Sd.
25365	<i>Sorbus Pallescens</i> Rehd. Tree 25 ft.; along streams, open country; 9,500-10,000 ft.;	Sd.
25366	<i>Malus baccata</i> (L.) Borkh. var. <i>himalaica</i> (Maxim.) Schneid. Tree 25-30 ft.; meadows of Gobo to the east of Li-kiang; 9,500 ft.	Sd.

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Collected on the slopes of Mt. Gyi-na lo-ko, Oct. 1932.  
second peak of Yu-ling shan, N.W. Yunnan.

25367	<i>Calophaca polystichoides</i> Hand.- Mazz. See No. 25012	Sd.
25368	<i>Rhododendron Traillianum</i> See No. 24966	Sd.
25369	<i>Primula secundiflora</i> Franch. See No. 24977	Sd.
25370	<i>Rhododendron Websterianum</i> See No. 24973	Sd.
25371	<i>Abies Forrestii</i> C. C. Roger See No. 24987	Sd.
25372	<i>Rhododendron rubiginosum</i> See No. 25008	Sd.
25373	<i>Rhododendron vernicosum</i> See No. 25009	Sd.
25374	<i>Primula sinopurpurea</i> Balf. f. See No. 24978	Sd.
25375	<i>Rhododendron adenophorum</i> See No. 24967	Sd.
25376	<i>Rhododendron cephalanthoides</i> See No. 25013	Sd.
25377	<i>Rhododendron drumonium</i> See No. 24975	Sd.
25378	<i>Aster staticifolius</i> Fr. See No. 24986	Sd.

## Rock Collections --

Collected on the slopes of Mt. Gyi-na lo-ko, Oct. 1932.  
second peak of Yu-ling shan, N.W. Yunnan.

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25379

<u>Number</u>		
25379	<i>Caragana tibetica</i> Komar See No. 25011	Sd.
25380	<i>Morina bulleyana</i> Forr. & Diels See No. 24980	Sd.
25381	<i>Rhododendron pleistanthum</i> See No. 24972	Sd.
25382	<i>Primula sikkimensis</i> Hook. forma See No. 25015	Sd.
25383	<i>Lonicera setifera</i> Franch. Shrub 6-8 ft.; outskirts of spruce forests at 10,500 ft. Sd. coll. - 11,000 ft.	Sd.
25384	<i>Rhododendron Traillianum</i> See No. 24965	Sd.
25385	<i>Ribes luridum</i> Hook. f. & Thoms. Shrub 5-6 ft.; fruits black; same loc. as 25383	Sd.

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Collected on Yün-lu shan, Oct-Nov 1932 southwest of Li-kiang,  
Yangtze - Mekong water shed

25386	<i>Rhododendron irroratum</i> See No. 25028?	Sd.
25387	<i>Rhododendron adenogynum</i> Shrub 6-8 ft.; alpine region; 12,500-13,000 ft.	Sd.
25388	<i>Rhododendron basilicum</i> See No. 25060	Sd.
25389	<i>Rhododendron basilicum</i> See No. 25056	Sd.
25390	<i>Rhododendron poecilodermum</i> See No. 25031?	Sd.
25391	<i>Rhododendron litense</i> See No. 25037	Sd.
25392	<i>Primula pinnatifida</i> Franch. forma See No. 25073	Sd.
25393	<i>Rhododendron basilicum</i> See No. 25059	Sd.

<u>Number</u>		
25394	Rhododendron basilicum See No. 25040	Sd.
25395	Rhododendron irroratum See No. 25020	Sd.
25396	Rhododendron fictolacteum See No. 25055	Sd.
25397	Rosa omeiensis Rolfe See No. 25074	Sd.
25398	Rhododendron rhaibocarpum See No. 25206	Sd.
25399	Calophaca polystichoides Hand.-Mazz. See No. 25032	Sd.
25400	Rhododendron irroratum See No. 25042	Sd.
25401	Rhododendron clemantinae See No. 25030	Sd.
25402	Rhododendron hippophaeoides See No. 25046	Sd.
25403	Acer Davidi Franch. Tree 15 ft.; collected on Yun-lu shan elev. 10,500 ft.; Oct. 1932; mixed forest;	Sd.

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Collected on Lao-chun shan., Nov. 1932. southwest of Shi-ku  
and Yangtze.

25404	Acanthopanax evodiaefolius Franch. (Araliac.) Tree 50 ft.; fruits black; in fir forests at 12,000ft.	Sd.
25405	Rhododendron sp.?-(Roxieanum-Taliense Series) Shrub 5-6 ft.; fl.? alpine region above forests; 13,500 ft.	Sd.
25406	Rhododendron sp.?- Roxieanum Shrub 3 ft.; fl.? alpine region above forests 14,000 ft.	Sd.
25407	Rhododendron sp.?- Roxieanum Tree 10-12 ft.; alpine region above forests; 13,500 ft.	Sd.
25408	Meconopsis integrifolia (Maxim.) Fr. Fl. yellow; see No. 25096	Sd.

Number

25409	<i>Primula aurantiaca</i> W.W.Sm. et Forrest See No. 25086	Sd.
25410	<i>Primula Poissonii</i> Franch. See No. 25100	Sd.
25411	<i>Meconopsis impectita</i> Prain See No. 25105	Sd.
25412	<i>Primula amethystina</i> Franch. subsp. <i>brevifolia</i> Forrest. See No. 25087	Sd.
25413	<i>Rubus gracilis</i> Roxb. See No. 25085	Sd.
25414	<i>Rhododendron fictolacteum</i> See No. 25111?	Sd.
25415	<i>Primula sikkimensis</i> Hook. See No. 25091	Sd.
25416	<i>Primula anisodora</i> Balf. f. et Forrest vel. aff. See No. 25101	Sd.
25417	<i>Rhododendron fastigiatum</i> See No. 25081 ?	Sd.
25418	<i>Rhododendron fictolacteum</i> See No. 25103	Sd.
25419	<i>Rhododendron niphargum</i> See No. 25114	Sd.
25420	<i>Cephalotaxus Fortunei</i> Hook. See No. 25076	Sd.
25421	<i>Rhododendron niphargum</i> See No. 25112	Sd.
25422	<i>Rhododendron recurvum</i> See No. 25097	Sd.
25423	<i>Rhododendron poecilodermum</i> See No. 25116?	Sd.
25424	<i>Rhododendron fictolacteum</i> See No. 25104	Sd.
25425	<i>Rhododendron fulvum</i> See No. 25110	Sd.
25426	<i>Rhododendron fulvum</i> See No. 25106	Sd.
25427	<i>Rhododendron</i>	Sd.

<u>Number</u>		
25428	Rhododendron dasycladum See No. 25094	Sd.
25429	Rhododendron oreotrepes See No. 25099	Sd.
25430	Rhododendron Clementinae See No. 25115	Sd.
25431	Rhododendron fulvoides See No. 25102	Sd.
25432	Rhododendron Clementinae See No. 25079	Sd.

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Collected on Sung-kwe pass Oct. Nov., 1932. between Li-kiang  
and Ho-king, south of Li-kiang.

25433	Keteleeria Davidiana (Bertr.) Beiss. See No. 25208	Sd.
25434	Primula sinopurpurea Balf. f. vel. aff. Fl.? purple blue; alpine meadows; of Sung-kwe; 12,500 ft.	Sd.
25435	Rhododendron Bureavii Tree 15 ft.; fl.?; alpine region above forests; 13,500- 14,000 ft.	Sd.
25436	Rhododendron Bureavii Tree 15-18 ft.; fl.? ditto above	Sd.
25437	Rhododendron Balfourianum var. aganniphoides See No. 25193	Sd.
25438	Rhododendron desquamatum See No. 25204	Sd.
25439	Rhododendron Bureavii See No. 25182?	Sd.
25440	Rhododendron cephalanthum See No. 25188	Sd.
25441	Rhododendron fictolacteam Tree 20-25 ft.; fl. pink; in fir forests; 12,500 ft.	Sd.
25442	Rhododendron Bureavii See No. 25194	Sd.
25443	Rhododendron scabrifolium See No. 25176	Sd.

<u>Number</u>		
25444	Rhododendron <i>fictolacteum</i>	
	See No. 25211	Sd.
25445	Rhododendron <i>heptamerum</i>	
	See No. 25168	Sd.
25446	Rhododendron <i>helirolepis</i>	
	See No. 25190?	Sd.
25447	Rhododendron <i>fictolacteum</i>	
	See No. 25209	Sd.
25448	Rhododendron <i>fictolacteum</i>	
	See No. 25207	Sd.
25449	Primula <i>sikkimensis</i> Hook.	
	See No. 25178	Sd.
25450	Androsace <i>spinulifera</i> ?	
	See No. 25185	Sd.
25451	Rhododendron <i>irroratum</i>	
	See No. 25170	Sd.
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Collected on Kin-tzu shan. November 1932.		
Dsho-yu nvlu, Labako, west of Shi-ku.		
25452	Rhododendron <i>sp.?</i> -(Roxieanum-Taliense Series)	
	Shrub 6-8 ft.; alpine region of Kin-tzu shan; 13,000 ft.	Sd.
25453	Rhododendron <i>bullatum</i>	
	Shrub 6-10 ft.; fl. pink, large; in spruce forest; 11,500 ft.	Sd.
25454	Rhododendron <i>bullatum</i>	
	Shrub 4-5 ft.; in spruce forest; 11,500 ft.	Sd.
25455	Rhododendron <i>sp.?</i> (Roxieanum-Taliense Series)	
	Shrub 4-5 ft.; alpine region among rocks spreading shrub; 13,500 ft.	Sd.
25456	Nomocharis <i>sp.?</i> (not <i>Nomocharis pardanthina</i> Fr.)	
	See No. 25157	Sd.
25457	Lilium <i>hyacinthinum</i> ?	
	See No. 25145	Sd.
25458	Rhododendron <i>prunum</i>	
	See No. 25156	Sd.

<u>Number</u>		
25459	Rhododendron campylogynum	
	See No. 25132	Sd.
25460	Lilium lophophorum var. ?	
	See No. 25158	Sd.
25461	Lagotis yunnanensis W.W.Smith	
	See No. 25160	Sd.
25462	Rhododendron poecilodermum	
	See No. 25161	Sd.
25463	Rhododendron poecilodermum	
	See No. 25162	Sd.
25464	Rhododendron recurvum	
	See No. 25155	Sd.
25465	Rhododendron aureum	
	See No. 25154	Sd.
25466	Rhododendron fictolacteum	
	See No. 25152	Sd.
25467	Rhododendron litiense	
	See No. 25133	Sd.
25468	Rhododendron fulvum	
	See No. 25149	Sd.

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Collected on the mountains of Lei-rong, S. W. Szechuan,  
Muli kingdom. May 1932.

25469	Rhododendron agglutinatum	
	Tree 10-15 ft.; fl. white; fir forests; 12,500 ft.	
25470	Rhododendron agglutinatum	
	See No. 25469 Oct. 1932	Sd.
25471	Rhododendron sphaeroblastum	
(Fr. 25472)	Tree 15 ft.; fl. white; alpine region forming forests; 13,500- 14,000 ft.; May 1932.	Sd.
25472	Rhododendron sphaeroblastum	
	See No. 25471 Oct. 1932	Sd.

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Number

- 25473 Rhododendron sigillatum  
(Fr. 25474) Tree 20-25 ft.; fl. white;  
forming forests in alpine  
ridges and spurs.
- 25474 Rhododendron sigillatum  
See No. 25473 Oct. 1932 Sd.
- 25475 Rhododendron sp. nov. *Selense Thomsonii*  
(Fr. 25476) Tree 20 ft.; fl. red-purple;  
same loc. as 25473 Sd.
- 25476 Rhododendron sp. nov. *Selense Thomsonii*  
See No. 25475 Oct. 1932 Sd.
- 25477 Rhododendron sphaeroblastum  
(Fr. 25478) Collected on Mt. Siga region  
of Kulu west of Yalung.  
Rhododendron forests; fl. white  
spotted purple; May 1932; 14,000-  
13,500 ft. Sd.
- 25478 Rhododendron sphaeroblastum  
See No. 25477 Oct. 1932 Sd.
- 25479 Rhododendron sphaeroblastum  
(Fr. 25480) Tree 15-20 ft.; fl. white; same  
loc. as no. 25477. Sd.
- 25480 Rhododendron sphaeroblastum  
See No. 25479 Sd.
- 25481 Rhododendron phaeochrysum  
(Fr. 25482) Shrub or tree 10-15 ft.; fl.  
white; same loc. as No. 25477 Sd.
- 25482 Rhododendron phaeochrysum  
See No. 25481 Oct. 1932 Sd.

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1 seed package Viburnum 25629, fair amount of seed. No notes  
in this list under that number.  
See No. 25269

Recd. Nov. 15, 1933

Seed of Tree, 25-30 ft.; Evergreen;  
fls. yellow, along branches,  
very fragrant, flowers in  
winter, Dec.-Jan., native of  
Yunnan, can stand frost  
several degrees. Sd.