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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.

RP

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Yunnanfu-Dec. 28th,1930.

Dr. Edward G. Vandevere
490 Post Street
San Francisco, Calif. USA

My dear Dr. Vandevere:

It is now nearly five months or more since I left California for this part of the world, and so far I have not sent you a sign of life other than a Christmas card which I hope you have received.

Political conditions and bandits which had increased on the roads due to the abscence of soldiers who were fighting a neighboring province prevented me from going on into the interior, but I am now shortly on my way; expecting to leave Yunnanfu on January 13th, 1931.

Silver has gone down very much, and it has occurred to me that now, with the exchange fairly low, it would be a good time to start the Rhododendron work. I am greatly interested and would gladly contribute my services; caring only to have my expenses covered, including shipment and postage charges to America.

Fortunately I have the fullest cooperation with the Yunnan Government which has appointed me an honarary advisor on Agricultural subjects. This official connection will greatly facilitate matters in the out of the way places when local officials might prove to be troublesome. However, as an advisor to the Yunnan Government they would probably hesitate to place obstacles in my way.

I would propose to thoroughly explore for Rhododendrons and herbacious ornamentals the entire Western part of Yunnan and Szechwan, and also the Zayul Range in south-eastern Tibet, of which I have already spoken to you. I would collect flowering and fruiting specimens (herbarium specimens) and seed in quantity. The latter would be despatched in the fall to America by registered letter post. The specimens sent in boxes by caravans to Yunnanfu and thence by freight to California.

I would propose to comb thoroughly the Salvin-Irrawaddy divide. Next to the Zayul this watershed is probably the very richest in Rhododendrons. We would

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also work the vast Mekong divide up into south-eastern Tibet. The unexplored Malaski land which lies between Muli and Litang we would explore, the,as yet unvisited, Nyato Kawalori Range through which the Yakung has cut its way south of Kanze, and lastly, explore what would undoubtedly prove to be the richest region of all, the Zayul Range, the Pomed country in southeastern Tibet.

I have with me full equipment, my personal property which I would put at your disposal. Wages are fairly cheap, only the mule-hire and cooley-hire would mount up. With the present rate of exchange, however, it can be done for say, $6000.00 per anum. It should not be difficult to raise that amount. I am quite keen on making California the greatest Rhododendron Garden of the world.

While my services would gladly be gratis, I should like to be at liberty to publish popular articles of the regions traversed, of the people and customs thereof, the proceeds from such efforts to belong to me.

I need hardly mention that this is a rare opportunity. What with equipment, organization, knowledge of the country and of the language, one could hardly expect more.

Do you think that with the help of Dr. Goodspeed the money could be raised? I have no doubt that it can.be done.

For the exploration of the Zayul range a little more would be needed and I would suggest $10,000.00, which would include all costs of sending collections etc. to California, as well as my passage back. Thus a total of $22,000.00 for three years, and I am positive that after seeing the results of the first years efforts, little difficulty will be experienced in raising the balance. Of course the great distance from Likiang to the Zayul, with its Pomeds to the north and the absolute wilderness to be traversed, together with the necessity of transporting all foodstuffs etc. would mean a little more money for this year.

You cannot but agree with me that ~~$600.00~~ $6000.— is not much money when you consider that I am placing at your disposal my entire equipment, which cost me several thousand dollars plus expense and heavy caravan charges (fifty mules ~~inland~~) to say nothing of duty paid on it all here in Yunnanfu.

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3-COPY-

If you or Dr. Goodspeed would cable me, upon receipt of this, finding things favorable, I would gladly advance the money necessary for the first year, to get the expedition under way for 1931. (Just say "Money assured"). I keep two accounts in both Shanghi and Hong Kong, a gold and a silver. It will be a simple matter to change from the former to the latter (Mex.) the required amount. Of course the rate of exchange will be of no little assistance at the present time. Then you may simply, at any time during the next six months, deposit in my favor with the American Security and Trust Co. of Washington, D.C. 15th Street and Penn. Ave., N.W. the amount necessary for the first year.

There is little more that I can add save that on my return I would be glad to write an account of the Rhododendron exploration for some California, say Berkeley, publication. Suggestions from Dr. Goodspeed would be appreciated.

With kindest regards to Mrs. Vandevere, Dr. Goodspeed, Mr. Bliss and all the other friends, I remain, always,

Sincerely yours,

(Signed)Joseph F. Rock

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March 4, 1931

Dr. E. G. Vandevere,
135 Edgewood Ave.,
San Francisco.

Dear Dr. Vandevere:-

In connection with our discussion of the possibility of obtaining the services of Mr. Rock as botanical explorer, I may say that I have asked the President of the University to write you a letter definitely favoring such addition to the resources of the University, it being understood that Mr. Rock will provide us with a very considerable variety of botanical material, both in the way of seeds of Rhododendrons, seeds of other ornamental plants, and herbarium specimens of all sorts of novelties or unusual plants such as he may be able to gather and prepare.

I have urged upon the President my own opinion, viz., that this is an opportunity such as may never again occur and which cannot be reached in any other way than through Mr. Rock. Through Mr. Rock's native affiliations with the King of Muli, through his knowledge of the country and his interest in exploration, he is in a position at present occupied by no other botanical explorer to get into untouched country,- country which promises very large returns along the lines I have indicated and which to a man of Mr. Rock's energy will undoubtedly yield full return on the investment he mentions.

Since Mr. Rock is well known to be thoroughly dependable, I judge that the figures he mentions are most reasonable, and which include no remuneration to himself but simply the expenses of the expedition. I am also impressed with Mr. Rock's statement that on account of the low relative value of silver, such an expedition can be put through at present at much lower cost than at any time in the past, and possibly not to be duplicated at any time in the near future.

I am quite willing that you should show this letter to whomsoever may be interested in assisting the project which you so generously undertake to forward.

Very sincerely yours,

W. L. Setchell
Professor of Botany

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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. (As 22243)	Sd. coll.
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	~~Draya~~ 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	Gentian 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.	

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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 Niserongo, 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 Wallicheanum Hook. aff. Fls. reddish-purple; in spruce forest, elev. 11,000 ft.

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.

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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 ~~Hablenbergia~~ 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 alpinus Linn. (sensu lat.)
Fls. purple, alpine meadows, 13,500 ft. Sd.coll.

- 21971 Potentilla microphylla Don. var. depressa Wall.
Fls. yellow, crags in alpine regions, 14,000' Sd.coll.

- 21972 ~~Compositæ~~ Cremanthodium forrestii Jefr.
Fls. yellowish-red, in meadows, 12,000 ft.

21973 Aconitum
Climber, fls. purplish-blue; on Berberis bushes, 12,000 ft. Sd.coll.

- 21974 ~~Compositæ~~ Senecio clivorum Max. vars.
Fls. yellow; in water courses, 14,000 ft.

21975 Prenanthes Rockii Babc.
Fls. bluish-purple; alpine meadows, 14,000 ft. Sd.coll.

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Coll. No.

21976 ~~Nordz.~~ Gentiana cyananthiflora Fr.?
Fls. blue; alpine meadows, 12,500 ft.

21977 Gentiana 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
Fls. purplish; alpine meadows, 12,500 ft.

21982 Umbellifer.
Fls. red; in meadows, at 11,000 ft.

21983 Cremanthodium helianthus WWSm. Diels
Fls. yellow; alpine regions among limestone 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 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. yelloy,fragrant; Slopes of Kenichunpo, 11,000 ft. Sd.coll.

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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, Kenichunpo, 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 longeracemosum 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 eclecteum 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.

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Coll. No.

22005 Rhododendron eclecteum var. brachyandrum
Shrub 5-7 ft.; fls. red; alpine regions, among rocks, 13,500 ft. Sd.coll.

22006 Rhododendron chaetomallum
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 megacalyx
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 6-7 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.

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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 Bainbridgeaum
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.

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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
Tree 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 beneath; 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.

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Coll. No.

22046 Deutzia
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 rufipilosa 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 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.

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Coll. No.

22059 Rhododendron chaetomallum
Shrub 6-8 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-Neriiflorum 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.

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Coll. No. Champutong region contd.

22071 Corylus tibetica Batal.
Tree 30 ft.; burrs spiney, 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 60-100 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 theaefolia 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.

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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 ♂ myrtillacea 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.

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S. E. Tibet, Mt. Kenichunpo N. of Sikitung, Contd. 22097

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 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.

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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. fictolacteum
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 Prunus latidentata Koehne var. trichostoma (Koehne) Schneid.
Tree 15-20 ft.; fls. white; alpine regions, 12,500 ft. Sd.coll.

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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 Hayata
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 Trachelospermum 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.

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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 verbenaeflora Fr.
Fls. reddish-purple; alpine meadows, 11,000 ft.

22142 Geranium melanandrum Fr.
Fl. red; alpine meadows, 11,000 ft.

22143 Aconitum sp.?
Fls. purplish-blue; alpine meadows, 11,000 ft.

22144 Saxifraga cardiophylla Fr.
Fls. yellow; on rocks, alpine region, 12,500 ft.

22145 ~~Cardamine 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 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 ~~sp.?~~ cardiophylla Fr.
2 ft.; fls. yellow; among rocks, 11,000-12,000 ft. Sd.coll.

22152 Lilium sp.? (Nomocharis ?)
Fls. red; alpine meadows, 13,000 ft. Sd.coll.

22153 ~~Composite~~ Senecio taliensis Fr.
Fls. yellow; same locality.

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Rock Collections --
S. E. Tibet, Mt. Kenichumpo, N. of Sikitung, Contd. 22154

Coll. No.

22154 Senecio
Fls. yellow; in water courses, 14,500 ft. Sd.coll.

22155 ~~Rose~~ Cryptogramma brunoniana R. Br.
On boulders, 14,000 ft.

22156 Sedum Sp.?
Fleshy, fls. reddish-yellow; on limestone crags, 14,000 ft.

22157 Hypericum elodeoides Choisy
Fls. yellow; alpine meadows, 12,000 ft.

22158 ~~Cremanthodium 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 ~~bubbliferum H.-M. Sn.~~ 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.

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

Coll. No.

22169 Orchid
Fls. yellow; on banks of Salwin, 7,800 ft.

22170 Primula Dickieana 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 dendrotricha 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 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.

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

Coll. No.

22183 Rhodo. didymum
Prostrate; lvs. small; fls. black; alpine regions, 14,000 ft. Sd.coll.

22184 Rhodo. sp.? (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.

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Rock Collections -- 22196
S.E. Tibet, Upper headwaters of Eastern Irrawadi, Contd.

Coll. No.

22196 Rhododendron horaeum
Small shrub 3 ft.; fls. yellowish-red; alpine scrub, 14,500 ft. Sd.coll.

22197 Rhododendron chaetomallum var.
Shrub 4-5 ft.; fls. red; alpine scrub, 14,500 ft. Sd.coll.

22198 Rhododendron sanguineum
Shrub 4 ft.; fls. carmine; alpine scrub, 14,500 ft. Sd.coll.

22199 Rhododendron chaetomallum
Shrub 6-8 ft.; fls dark purplish-red; alpine regions, 13,000 ft. Sd.coll.

22200 Sorbus pteridophylla Hand. -Mazz.
Tree 10-15 ft., 25 ft.; fls. white; mixed forest, 10,000 ft.

22201 Rhododendron sanguineum
Shrub 2-3 ft.; fls. dark red; alpine regions, 13,000 ft. Sd.coll.

22202 Rhododendron sanguineum
Shrub 1-2 ft.; fls. yellowish-red; alpine regions, 13,000 ft. Sd.coll.

22203 Rhododendron sanguineum forma
Shrub 2 ft.; fls. red; alpine regions, 13,000 ft. Sd.coll.

22204 Rhododendron sanguineum forma
Shrub 1-2 ft.; fls. red, lvs. small, glaucous beneath; alpine regions, 13,500 ft. Sd.coll.

22205 Rhododendron horaeum
1 ft.; fls. red; alpine regions, 14,500 ft. Sd.coll.

22206 Rhododendron horaeum forma
Shrub 3-4 ft.; fls. red; alpine regions, 14,500 ft. Sd.coll.

22207 Rhododendron horaeum
Shrub 2-3 ft.; fls. deep carmine; alpine regions, 14,000 ft. Sd.coll.

22208 Rhododendron horaeum
Shrub 1-2 ft.; fls. carmine; alpine regions, 14,000 ft. Sd.coll.

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

22209

Coll. No.

22209 Rhododendron citriniflorum
Shrub 1-2 ft.; fl. pale red; on cliffs, 14,000 ft.

22210 Rhododendron ~~chaetomallum var.~~ citriniflorum
Shrub 3-5 ft.; fl. yellow; alpine regions, 14,500 ft. Sd.coll.

22211 Rhododendron chaetomallum var.
Shrub 5-6 ft.; fls. red; alpine regions, 14,500 ft. Sd.coll.

22212 Rhododendron citriniflorum
Shrub 3-5 ft.; fl. yellowish-red; alpine regions, 14,500 ft. Sd.coll.

22213 Rhododendron citriniflorum
Shrub 2-3 ft.; fls. orange-reddish; alpine regions, 14,500 ft. Sd.coll.

22214 Rhododendron micromeres
Shrub 5-6 ft.; fl. pale yellow; alpine regions, 14,000 ft. Sd.coll.

22215 Rhododendron citriniflorum
Shrub 1-2 ft.; fl. yellow; alpine regions, 13,000 ft. Sd.coll.

22216 Rhododendron sinonuttallii
Tree 6-8 ft.; fls. immense, individual flower 4 inches long, white; spruce forest, 11,000 ft. Sd.coll.

22217 Lindera
Shrub 8 ft.; fl. yellow; in forests, 11,000 ft.

22218 Acer Wardii W.W.Sm.
Shrub 10 ft.; fl. red; mixed forest, 10,000 ft.

Forests and alpine regions of the Solo-la, Province of Tsarung.

22219 Rhododendron fictolacteum
Tree 10-20 ft.; fl. white; above fir forest, 13,500 ft. Sd.coll.

22220 Rhododendron fictolacteum
Tree 10-20 ft.; fls. pink; alpine regions, above fir forest, 13,500 ft. Sd.coll.

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Rock Collections -- 22221
S.E. Tibet, Forests and alpine regions of the Solo-la, Province of Tsarung, Contd.

Coll. No.

22221 Rhododendron Beesianum
Tree or shrub 5-8 ft.; fls. white; same locality. Sd.coll.

22222 Rhododendron eclecteum var. brachyandrum
Shrub 6 ft.; fls. pink; same locality. Sd.coll.

22223 Rhododendron Beesianum
Tree 6-10 ft.; fl. white; same locality. Sd.coll.

22224 Rhododendron eclecteum
Tree or shrub 5-6 ft.; fls. yellow; same locality. Sd.coll.

22225 Rhododendron dolerum
Shrub 6-8 ft.; fls. red; same locality, open alpine region, 14,500 ft. Sd.coll.

22226 Rhododendron (Selense-Thomsonii Series)
Shrub 5-6 ft.; fls. pale yellow to cream; 14,500 ft. Sd.coll.

22227 Rhododendron fictolacteum
Tree 8-10 ft.; fl. pink; open alpine region, 14,500 ft. Sd.coll.

22228 Rhododendron crinigerum var. euadenium
Tree 8-10 ft.; fl. pink; alpine regions, 14,000 ft. Sd.coll.

22229 Rhododendron arizelum
Tree 8-10 ft.; fl. yellow; alpine regions, 14,000 ft. Sd.coll.

22230 Rhododendron eclecteum
Shrub 4-6 ft.; fl. pale yellowish-white; open alpine regions, 13,500 ft. Sd.coll.

22231 Rhododendron fictolacteum
Tree 10-15 ft.; fl. pink; alpine regions, 13,500 ft. Sd.coll.

22232 Rhododendron arizelum
Tree 10-15 ft.; fl. yellow; alpine regions, 13,500 ft. Sd.coll.

22233 Rhododendron fictolacteum
Tree 8-10 ft.; fl. white; alpine regions, 13,500 ft. Sd.coll.

22234 Rhododendron Beesianum
Tree 8-10 ft.; fl. pink; alpine regions, 13,500 ft. Sd.coll.

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22235

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

Coll. No.

22235 Rhododendron citriniflorum
Shrub 3-4 ft.; fl. orange-red; alpine regions, 13,500 ft. Sd.coll.

22236 Rhododendron sanguineum var.
Shrub 5 ft.; fl. blackish-red; alpine regions, 13,500 ft. Sd.coll.

22237 Rhododendron selense forma
Shrub 5-6-8 ft.; fl. pink; alpine regions, 13,500 ft. Sd.coll.

22238 Rhododendron sanguineum var.
Shrub 4 ft.; fl. black-carmine. Sd.coll.

22239 Clematis montana Buch.-Haw. var. grandiflora
Climber; fl. lge., white and purple; in spruce forest; 12,000 ft. Sd.coll.

22240 Rosa Davidii Crep. var. elongata Rehd. & Wils.
Shrub 6-12 ft.; fl. whitish pink; in spruce forest, 12,000 ft. Sd.coll.

22241 Prunus mugus Hand.-Mazz.
Shrub 3-4 ft.; fls. pink; alpine region, among crags, 14,500 ft. Sd.coll.

22242 Viburnum cordifolium Wall.
Shrub 3 ft.; fl. white; alpine regions, 14,500 ft. Sd.coll.

22243 Diplarche multiflora Hook. & Thoms.
Plant 1 inch; fl. white; alpine regions, 14,000 ft. Sd.coll.

- 22244 Polygonum forrestii Diels
Plant 1 inch; fl. white; wet gravel; 15,000 ft. Sd.coll.

— 22245 Anemone obtusiloba Don. aff.
Fl. blue; alpine meadow, 14,500 ft.

22246 ~~Anemone sp.?~~ Adonis brevistyla Fr. aff. ?
Fl. white, lvs. large; in spruce forest, 13,500 ft. Sd.coll.

22247 Primula prenantha Balf.f. et W.W.Sm.
Fl. yellow; alpine regions, 10,000 ft. Sd.coll.

— 22248 ~~Herb. Galium~~ Galium
Fl. white, on crags and limestone cliffs, 10,000 ft.

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Rock Collections -- 22249
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 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. & Mey.
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 ~~narcissiflora-L~~ 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.

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Rock Collections -- 22263
S.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 ducharteri Fr. var. farrere 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.?~~ beesianum WWSm.
Fl. large, blue; upland scree, 14,500 ft.

22268 ~~Compositae~~ Artemisia
Fl. yellow; on gravelly soil, alpine region; 12,500 ft.

22269 Rhododendron eclecteum
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 ~~Anemone sp.?~~ Potentilla purpurea Royle
Fl. carmine; in loam, alpine regions, 12,000 ft. Sd.coll.

22274 Potentilla ~~carriesta 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.

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Rock Collections -- 22277
S.E. Tibet, Forests and alpine regions of the Solo-la, Province of Tsarung, Contd.

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.

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Rock Collections -- 22290
S.E. Tibet, Forests and alpine regions of the Solo-la, Province of Tsarung, Contd.

Coll. No.

22290 Rhododendron fulvastrum
Shrub 2-3 ft.; fl. yellow, pinkish tinge; alpine regions, 14,500 ft. Sd.coll.

22291 Rhododendron dolerum
Shrub 6-10 ft.; fl. pink; in fir forest, 13,500 ft. Sd.coll.

22292 Rhododendron fulvastrum
Shrub 3-4 ft.; fl. yellow; in fir forest, 13,500 ft. Sd.coll.

22293 Rhododendron sanguineum
Shrub 4 ft.; fl. blackish-carmine; alpine regions, 14,000 ft. Sd.coll.

22294 Trachylospermum axillare Hook.f.
Spreading shrub 5-6 ft.; fl. reddish-yellow; Salwin Saungta, 9000 ft.

22295 Rhododendron fulvastrum
Shrub 3-4 ft.; fl. white; alpine region, 13,000 ft. Sd.coll.

22296 Viburnum cordifolium Wall.
Shrub 3-4 ft.; fl. white; alpine region, 13,000 ft. Sd.coll.

22297 Rhododendron saluenense
Shrub 2-3 ft.; calyx carmine, petals purple; alpine region, 14,500 ft. Sd.coll.

22298 Rhododendron fulvastrum
Shrub 2-3 ft.; fl. yellow; alpine region, 14,500 ft. Sd.coll.

22299 Ilex yunnanensis Franch.
Shrub 5 ft.; fl. red; fir forest, 12,500 ft. Sd.coll.

22300 Juniperus squamata Buch.-Haw.
Spreading from base, 4-5 ft. tall; alpine regions, 14,000 ft. Sd.coll.

22301 Rhododendron floccigerum
Shrub 4-6 ft.; fl. red; lvs. lanceolate; alpine regions above fir forest, 14,000 ft. Sd.coll.

22302 Rhododendron Valentinianum aff.
Shrub 3-4 ft.; fl. yellow; 14,000 ft. Sd.coll.

22303 Rhododendron floccigerum
Shrub 6-7 ft.; fl. reddish, pink; alpine regions above fir forest, 14,000 ft. Sd.coll.

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Rock Collections -- 22304
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 fictolacteum
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 (Fr.12426 22426?) Nomocharis sp.? saluenensis Balf.
Fl. purple spotted; open alpine regions. Sd.coll.

22310 (Fr.12427 22427?) Nomocharis sp.? saluenensis Balf.
Fl. white, spotted; alpine regions, 13,000 ft. Sd.coll.

22311 Fr.12425 22425?) Nomocharis sp.? saluenensis Balf.
Fl. white, slightly spotted; same locality. Sd.coll.

22312 Anemone sp.? demissa Hook.f. & Th.
Fl. purple, alpine meadows, 12,000 ft. Sd.coll.

22313 Gentiana sp.? phellocalyx Clarke
Fl. deep blue; alpine regions, 13,500 ft. Sd.coll.

22314 (Fr.12429 22429?) Meconopsis integrifolia (Maxim.) Fr.
Fl. white; alpine meadows, 13,500 ft. Sd.coll.

22315 (Fr.22430) Meconopsis speciosa Prain
Lvs. lobed; fl. large, blue; on scree, 14,500-15,000 ft. Sd.coll.

22316 (Fr.12428 22428?) Meconopsis integrifolia (Maxim.) Fr.
Fl. pink, same locality. Sd.coll.

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Rock Collections --
S.E. Tibet, Mountains of Tjonatong, Upper Salwin, Province of Tsarung. 22317

Coll. No.

22317 Ranunculs. herb.
Fl. white, in scree, 13,500 ft.

22318 Androsace sp.?
Cushion plant, at 15,000 ft.; pink. Sd.coll.

22319 Pedicularis habachanaensis Bonati
Fl. purplish -pink; alpine meadows, 12,500 ft.

22320 Potentilla ~~Wyllewiana-Wolf-~~ hypargyraea 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 calocephalum Bvd.
In clumps, wet meadows, alpine regions.

22323 ~~Labiatae~~ 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 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.

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Rock Collections -- S.E. Tibet, Mountains of Tjonatong, Upper Salwin, Province of Tsarung. 22333

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 Dene.
(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 pyroloides 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.22433) Fl. white; shrub edge of forests, 10,000 ft.

22343 Evonymus tingens Wall.
Tree 10-20 ft.; fl. white; forest, eastern valley wall of Salwin, at 10,000 ft. Sd.coll.

22344 Deutzia rubens Rehd.
Shrub 4-6 ft.; fl. pinkish-white; same locality. Sd.coll.

22345 Rhododendron heliolepis
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.

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S.E. Tibet, Mountains of Tjonatong, Upper Salwin, Province of Tsarung. 22347

Coll. No.

22347 ~~Labiatae.?~~---Aeschyanthus Peelii Hook. f. & Th.
Fl. red; among boulders along Salwin, 7000 ft.

22348 (Fr.22431) Rhododendron keleticum
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 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 hookeri Clarke
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 Cremanthodium reniforme Benth
Fl. yellow; on scree, 15,000 ft.

22354 Corydalis calcicola W. W. Sm.
Fl. blue; on scree, 15,000 ft.

22355 Draba oreades Schrenk.
Fl. yellow; on scree, 15,000 ft.

22356 Gentiana microdonta Fr.
Fl. white and blue; alpine meadows, 14,000 ft.

22357 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 Umb. Codonopsis?
Fl. yellowish-blue; lower slopes of Wulila, 9000 ft.

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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 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 Pedicularis
Fl. yellow; in shade of spruces, 10,000 ft.

22368 Stellera chamaejasme Linn.
Fl. pale yellow; on dry slopes in pine forests, 9000 ft.

22369 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 Hackelia dielsii (Brand) Johnst.
Fl. purplish-red; dry slopes, pine forest, 9500 ft.

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S.E. Tibet, Mt. Wulila, high mountain east of Salwin and north of Alulaka, contd. 22375

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 ~~Inula~~ Doronicum thibeticum Cavill.
Fl. yellow; alpine meadows, 12,000 ft. Sd.coll.

22381 Arenaria melandra Mattf.
Fl. white; alpine scree, 14,000 ft.

22382 Senecio
Fl. yellow; alpine meadows, 10,000 ft.

22383 Sedum aizoon Linn.
Fl. yellow; on rocks and boulders; 14,500 ft.

22384 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 Picrohiza?
Fl. ?; on rocks and boulders, 14,500 ft.

22388 Cirsium
Fl. purple; alpine meadows, 12,000 ft.

22389 ~~Compositae~~ Saussurea obvallata Wall.
Fl. purple; among boulders, 13,500 ft. Sd.coll.

22390 Corydalis sp.?
Fl. blue; alpine regions, 14,000 ft.

22391 Cremanthodium Forrestii J.F.Jeffrey
Fl. yellow; alpine regions, 14,000 ft. Sd.coll.

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Rock Collections --
S.E. Tibet, Mt. Wulila, high mountain east of Salwin and north of Alulaka, contd. 22392

Coll. No.

22392 Cremanthodium rhodocephalum Diel
Fl. red; alpine regions.

22393 Saxifraga nigroglandulosa Engl. & I rm.
Fl. yellow; among rocks, 13,500 ft.

22394 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. ereotrephes W.W.Sm.)
Shrub 5-6 ft.; fl. ?; alpine regions, 14,000 ft. Sd.coll.

22398 Pedicularis rhychodonta Bur. & Fr.
Alpine meadows, 13,500 ft. Sd.coll.

22399 Compositae
Fl. yellow; alpine meadows.

22400 Cremanthodium forrestii Jefr.
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 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.

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Rock Collections -- 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 in Fl. ?; on cliffs and boulders, 13,500 ft. Sd.coll.

22409 Aster 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
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 #22378.

22415 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 Trollius patulus Ait.
Fl. yellow; see No. 22330.

22419 Meconopsis sp.?
Fl. pale blue; see spec. No. 22328.

22420 Potentilla microphylla Don
Fl. yellow; Tjonatong alpine meadow, 14,000 ft.

22421 Androsace sp.?
See fl. specimen No. 22318.

22422 Potentilla coriandrifolia Don
Fl. yellow; same locality as No. 22420.

22423 Anemone demissa Hk. f. & Th.
See No. 22312.

22424 Paraquilegia anemonoides microphylla
See No. 22324.

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S.E. Tibet, Mt. Wulila, high mountain east of Salwin and north of Alulaka, contd. 22425 (12425)

Coll. No.

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

12425 Nomocharis sp.? saluenensis Balf.
See No. 22311. Sd.coll.

12426 Nomocharis sp.? saluenensis Balf.
See No. 22309. Sd.coll.

12427 Nomocharis sp.? saluenensis Balf.
See No. 22310. Sd.coll.

12428 Meconopsis integrifolia (Maxim.) Fr.
See No. 22316. Sd.coll.

12429 Meconopsis integrifolia (Maxim.) Fr.
See No. 22314. Sd.coll.

22430 Meconopsis speciosa Fr.
See No. 22315; root used as medicine. Sd.coll.

22431 Rhododendron keleticum
See 22348. Sd.coll.

22432 Cotoneaster horizontalis Dene.
See 22336. Sd.coll.

22433 Lonicera aff. L. nervosa Maxim.
See No. 22342.

32434 Sorbus Rehderiana Koehne
See No. 22346. Sd.coll.

22435 Gaultheria fragrantissima Wall. (not Gaultheria Veitchiana Craib)
See No. 22338.

22436 Gaultheria pyroloides Hook.f. & Th.
See No. 22340. Sd.coll.

22437 Rhododendron heliolepis
Shrub 5-6 ft.; fl. pink; alpine regions of Tjonatong. Sd.coll.

22438 Lonicera mitis Rehd.
See No. 22339. Sd.coll.

22439 Rosa omeiensis Rolfe
Shrub 5-6 ft.; fl. ?; forests of Tjonatong, 10,000 ft. Sd.coll.

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Rock Collections -- S.E. Tibet 22440

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 [illegible] (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.?- (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.

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

22455

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.

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Rock Collections -- 22470
S.E. Tibet, mountains west of Champutong, Upper Salwin, contd.

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 location 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 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.

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

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 rufipilosa 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 Myrtillus 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 (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.

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22499

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. euadenium
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 (Selense - Thomsonii)
6-8 ft.; fl. red; alpine regions, 14,500 ft.

22506 Rhododendron (Selense - Thomsonii)
Shrub 5-6 ft.; fl. red; alpine regions, 14,500 ft.

22507 Rhododendron (Selense - Thomsonii)
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.

Clintonia udensis T. & M.

22511 ~~Liliac.--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.

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

Coll. No.

22513 Liliac. plant
Fl. blue; in shade of canebrake; 12,500 ft.

22514 Primula cuneifolia W.W.Sm. et Forrest. Fr. only.
Fl. pink; on cliffs, 13,500 ft.

22515 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 ~~Compositae~~ - Lactuca amoena H. -M.
Fl. blue; alpine meadows, 13,500 ft.

22519 ~~Compositae~~ Aster alpinus Linn (sensu lat.)
Fl. purple; alpine meadows, 13,500 ft.

22520 ~~Compositae~~ Saussurea apus Max.?
Fl. purple; alpine meadows, 13,500 ft.

22521 ~~Liliac. sp.?~~ - Fritillaria cirrhosa Don microphylla cirrhosa Don
Fl. deep purplish red; alpine meadows, 13,500 ft.

22522 Androsace sp.?
Fl. pink; on boulders, 14,500 ft.

22523 Potentilla microphylla Don
Fl. yellow; on boulders, 14,500 ft.

22524 ~~Ericaceae (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.

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Rock Collections -- 22529
S.E. Tibet, mountains west of Champutong, Upper Salwin, contd.

Coll. No.

22529 Primula Valentiniana Hand.-Mzt.
Fl. red; alpine meadows, 13,500 ft.

22530 Cremanthodium prattii Hemsl ?
Fl. yellow; swampy alpine meadows, 12,500 ft.

22531 Patrinia sibirica Juss
Fl. yellow; swampy alpine meadows, 12,500 ft.

22532 Chrysanthemum tatsienense Fr. (C. jugorm)
Fl. orange; grassy slopes, 13,500 ft.

22533 Primula muscarioides 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.

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Rock Collections — 22542
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

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.

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Rock Collections -- 22557
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
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 (Sanguineum-Neriiflorum Series)
Shrub 4 ft.; fl. orange-red; alpine regions, 14,500 ft. Sd.coll.

22561 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 2-3 ft.; fl. carmine; alpine regions, 14,500 ft.

22562 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 1-2 ft.; fl. yellow; alpine regions, 14,500 ft.

22563 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 2-3 ft.; fl. red; alpine regions, 14,500 ft.

22564 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 3-4 ft.; fl. carmine; alpine regions, 14,500 ft.

22565 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 3-5 ft.; fl. yellow; alpine regions, 14,500 ft.

22566 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 3-5 ft.; fl. reddish-yellow; alpine regions, 14,500 ft.

22567 Rhododendron (Sanguineum-Neriiflorum Series)
Shrub 4-6 ft.; fl. yellow; alpine regions, 14,500 ft.

22568 Rhododendron (Sanguineum-Neriiflorum 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.

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Rock Collections -- 22571
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-Neriiflorum 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 (Sanguineum-Neriiflorum Ser.)
Shrub 2 ft.; fl. red; alpine regions, 14,500 ft. Sd.coll.

22579 Rhododendron sp. (Sanguineum-Neriiflorum Ser.)
Shrub 1-2 ft.; fl. red; alpine regions, 14,500 ft. Sd.coll.

22580 Rhododendron (Sanguineum Ser.)
Shrub 2-3 ft.; fl. orange-red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.

22581 Rhododendron (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 (Sanguineum Ser.)
Shrub 1 ft.; fl. red; alpine ridges and spurs, Rhododendron scrub, 14,500 ft. Sd.coll.

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Rock Collections -- 22584
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

Coll. No.

22584 Rhododendron (Sanguineum Ser.)
Shrub 2-3 ft.; fl. yellow; alpine ridges and spurs, Rhododendron scrub, 14,500 ft.

22585 Rhododendron (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
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 eclecteum
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 eclecteum
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.

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Rock Collections -- 22597
S.E. Tibet, Mountains of Sikitung, west of Salwin, contd.

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 fictolacteum
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 fictolacteum
Tree 10-15 ft.; fl. pink; alpine regions, 14,500 ft.

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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 fictolacteum
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 fictolacteum
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 fictolacteum
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 fictolacteum
Shrub 6-8 ft.; fl. pink; alpine regions, 14,500 ft.

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Rock Collections -- 22624
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

Coll. No.

22624 Rhododendron crinigerum var. eudenium
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 (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
Shrub 4 ft.; alpine regions on boulders, 13,500 ft. Sd.coll.

22632 Rhododendron (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.

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Rock Collections -- 22638
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

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 (Sanguineum Ser.)
Shrub 2 ft.; fl. orange-red; above fir forest, 13,500 ft.

22642 Rhododendron (Sanguineum Ser.)
Shrub 2-3 ft.; fl. yellow; above fir forest, 13,500 ft.

22643 Rhododendron (Sanguineum Ser.)
Shrub 3-4 ft.; fl. white; above fir forest, 13,500 ft.

22644 Rhododendron (Sanguineum Ser.)
Shrub 2-4 ft.; fl. yellow; above fir forest, 13,500 ft. Sd.coll.

22645 Rhododendron (Sanguineum Ser.)
Shrub 2 ft.; fl. orange-reddish; above fir forest, 13,500 ft.

22646 Rhododendron (Sanguineum Ser.)
Shrub 3 ft.; fl. yellow; above fir forest, 13,500 ft.

22647 Rhododendron (Sanguineum Ser.)
Shrub 2-3 ft.; fl. yellow; above fir forest, 13,500 ft.

22648 Rhododendron (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.

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Rock Collections -- 22651
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
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.

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Rock Collections -- 22665
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

Coll. No.

22665 Rhododendron eclecteum
Shrub 4-6 ft.; fl. pale yellow; alpine regions, 13,500 ft.

22666 Viburnum cordifolium Wall.
Shrub 6-8 ft.; fl. white; open country, 12,500 ft.

22667 Clematis montana Buch.-Haw. var. rubens (Ktze.) Wels.
Climber in spruce forest; fl. pinkish-white; 12,000 ft.

22668 Viburnum cordifolium Wall.
Fl. white; in spruce forest, 12,000 ft.

22669 Prunus latidentata Koehne
Shrub 6-10 ft.; fl. pink; spruce forest, 12,000 ft.

22670 Primula minor Balf.f. et Ward.
Fl. red-purple; among rocks and on boulders, 15,000 ft.

22671 Polygonum forrestii Diels
Fl. white; among rocks and on scree, 15,000 ft.

22672 Potentilla ambigua Craib. -Merrill det.
Fl. yellow; among rocks and on scree, 15,000 ft.

22673 Lilium sp.?
Fl. pink; alpine meadows, 12,000 ft.

22674 Anemone
Fl. red; in gravel and along brooks, 13,000 ft.

22675 Primula prenantha Balf. f. et W.W.Sm.
Fl. yellow; alpine meadows; 12,000 ft.

22676 Primula sonchifolia Franch.
outskirts of spruce forest, 11,500-12,000 ft.

22677 Aquilegia flabellata Sieb. & Zucc.
Fl. purple; outskirts of spruce forest, 11,500-12,000 ft. Sd.coll.

22678 Pedicularis
Fl. red-purple; outskirts of spruce forest, 11,500-12,000 ft.

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Rock Collections -- 22679
Mountains of S.E. Tibet, Solo-la Range, Tsarong, contd.

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.

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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 (Fr.23284) Magnolia mollicomata W.W.Sm.
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 (Fr.23288) Meconopsis speciosa Prain
Lvs. lobed; fl. blue; in scree, 13,500-14,500 ft. Sd.coll.

22696 (Fr.23287) Meconopsis Georgei G.Taylor
Lvs. simple, spiny; fl. yellow; same locality as 22695. Sd.coll.

22697 (Fr.23286) Meconopsis lancifolia var. solitariiflora Fedde
Fl. bluish purple and red; same locality as 22695. Sd.coll.

22698 (Fr.23252) Meconopsis impedita Prain
Fl. dark black-red; same locality as 22695. Sd.coll.

22699 (Fr.23253) Meconopsis lancifolia var. solitariiflora Fedde
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 (Fr.23299) Sorbus rufipilosa Schneid.
Tree 10-15 ft.; fl. red; alpine regions, 12,000 ft. Sd.coll.

22703 (Fr.23300) Sorbus sp. ? Rehderiana Koehne
Tree 15-20 ft.; fl. white; alpine regions, 12,000 ft.

22704 ~~(Fr.23301.)~~ Rhododendron brevistylum
Shrub 5-6 ft.; fl. white; alpine regions, 12,000 ft. ~~Sd.coll.~~

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

Coll. No.

22705 (Fr.23302) Rhododendron heliolepis
Tree 10-15 ft.; spruce forest, alpine regions, 12,000 ft. Sd.coll.

22706 (Fr.23303) Rhododendron herpesticum
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 (Fr.23304) Rhododendron chaetomallum
Shrub 3-4 ft.; fl. ?; alpine regions, 13,500 ft. Sd.coll.

22709 (Fr.23305) Rhododendron chaetomallum
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 crags, 14,500 ft.

22711 (Fr.23306) Rhododendron chaetomallum
Shrub 4 ft.; fl. ?; alpine regions above fir forest, along cliffs and crags, 14,500 ft. Sd.coll.

22712 Rhododendron sp.?-- (Sanguineum Ser.)
Shrub 5 ft.; alpine regions above fir forest, along cliffs and crags, 14,500 ft.

22713 (Fr.23294) Rhododendron chaetomallum
Shrub 6-8 ft.; alpine regions above fir forest, along cliffs and crags, 14,500 ft. Sd.coll.

22714 (Fr.23295) Rhododendron aperantum
Shrub 5-6 ft.; alpine regions above fir forest, along cliffs and crags, 14,500 ft.

22715 (Fr.23296) Rhododendron saluenense forma
Shrub 4-5 ft.; fl. purple; alpine regions above fir forest, along cliffs and crags, 14,500 ft.

22716 (Fr.23297) Pterocarya insignis Rehd. & Wils.
Tree 25-30 ft.; on W. banks of Mekong, 9000 ft. Sd.coll.

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Rock Collections -- 22717
Mt. Puchuan, 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 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 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 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.

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Rock Collections -- 22732
Mt. Puchuan, west of Mekong-Salwin Divide, west of Wei-hsi, contd.

Coll. No.

22732 Salvia ~~sp.?~~ hians
~~(Fr.23273)~~ 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.?~~ grandiflora DC.
(Fr.23270) Plant (herb); fl. pinkish purple; alpine meadows, 12,500 ft. Sd.coll.

22736 Pedicularis rupicola Fr.
(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 ~~lanium-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 habachananensis Bonati
(Fr.23265) Fl. purple; alpine meadows, 12,500 ft. Sd.coll.

22741 Cremanthodium ~~lanium-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 ~~Cruciferae~~ 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.

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Rock Collections -- 22747
Mt. Puchuan, 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 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 forest, 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.~~

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Rock Collections -- 22759
Pei-ma shan, Mekong-Yangtze Divide, Atuntze region, contd.

Coll. No.

22759 (Fr.23365) Paraquilegia microphylla Drum & Hutch.
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 (Fr.23367) Sisymbrium sp.?
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 Solmslaubachia linearifolia var leiocarpa Chuulz
Fl. pink; on scree, 14,500 ft.

22764 Anemone trulliforia var.coelestis F. & G.
Fl. white; alpine meadows, 14,500 ft.

22765 (Fr.23368) Lonicera cyanocarpa
Fl. yellow; shrub 2-3 ft.; alpine regions, 14,500 ft. Sd.coll.

22766 Salix nulienensis Goerz
Shrub 3-4 ft.; alpine regions, 14,500 ft.

22767 (Fr.23369) Rhododendron levistratum
6-10 ft.; fl. white; alpine regions in spruce forest, 12,500 ft. Sd.coll.

Collected on Mo-ting shan, east of Atuntze

22768 (Fr.23370) Meconopsis lancifolia Fr. var. solitariiflora Fedde speciosa?
Fl. rich deep blue, exceedingly handsome; in watercourses, 15,000 ft. Sd.coll.

22769 (Fr.23371) Rhododendron agganiphum
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 (Fr.23372) Primula lepta Balf.f. et Forrest
Fl. ultramarine blue; alpine meadows, 14,500 ft. Sd.coll.

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Rock Collections -- 22771

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

Coll. No.

22771 Herb.
Fl. purplish red, dull 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.) Frod.
~~(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 Dcne.
(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.

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Rock Collections -- 22785
Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

22785 (Fr.23383) Incarvillea ~~sp.?~~ compacta Max.
Fl. reddish-purple; leaves deeply pinnate; gravelly slopes, 13,500 ft. Sd.coll.

22786 ~~(Fr.23384)~~ Primula minor Balf et Ward
Fl. blue; among rocks, alpine, 14,500 ft. ~~Sd.coll.~~

22787 (Fr.23385) Primula gemmifera Batal. subsp. zambalensis Petitm.
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 (Fr.23386) Primula russeola Balf.f. et Forrest
Fl. purplish-blue; alpine meadow, 14,500 ft. Sd.coll.

22790 (Fr.23387) Primula leucochnoa Hand.-Mzt. vel aff.
Fl. purplish-pink; alpine meadow, 14,000 ft.

22791 (Fr.23388) Primula amabilis Balf.f. et Forrest
Fl. pale blue; alpine meadow, 14,000 ft. Sd.coll.

22792 (Fr.23389) Primula ingens W.W.Sm. et Forrest
Fl. bluish-purple; alpine meadow, 14,000 ft. Sd.coll.

22793 (Fr.23390) Sorbus oligodonta (Cardot) Hand.-Mazz.
Shrub or tree, 10-20 ft.; in mixed forests, 11,500 ft. Sd.coll.

22794 (Fr.23391) Salix balfouriana Schneid.
Shrub 6-8 ft.; in mixed forests, 11,500 ft. Sd.coll.

22795 (Fr.23392) Anemone ~~sylvestris-h.-?-~~ rupicola Camb.
2 inches; fl. white; in scree, slopes, 15,000 ft. Sd.coll.

22796 (Fr.23309) Caragana jubata Poiret
Shrub 1-2 ft.; fl. pink; on scree slopes, 15,000 ft. Sd.coll.

22797 (Fr.23393) Potentilla ~~Sibbaldi-Hall-~~ procumbens Linn.
Fl. yellow; in alpine meadows, 14,000 ft. Sd.coll.

22798 (Fr.23394) Rhododendron levistratum
Tree 10-15 ft.; fl. white; alpine regions and fir forests, 12,500 ft. Sd.coll.

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Rock Collections -- 22799
Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

22799 (Fr.23307) Rhododendron schizopeplum
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 (Fr.23308) Rhododendron Beesianum
Tree 15-20 ft.; fl. pink ?; alpine regions, 13,500 ft. Sd.coll.

22802 (Fr.23313) Caragana jubata (Pall.) Poiret
Spreading, prostrate shrub; fl. rose pink; gravelly slopes, 14,500 ft. Sd.coll.

22803 (Fr.23310) Rhododendron ramosissimum
Shrub 1 - 1 1/2 ft.; fl. blue; dry slopes in company with 22800, 14,500 ft. Sd.coll.

22804 (Fr.23311) Caltha scaposa Hook. f. & Th. var.
Fl. yellow; on scree slopes, 14,500 ft. Sd.coll.

22805 (Fr.23312) Diapensia purpurea Diels fa. rosea W.E.Ev.
Fl. pink; cushion plant on boulders, 15,500 ft. Sd.coll.

22806 (Fr.23360) Rhododendron muliense
Small shrub, 2 ft.; fl. yellow; alpine regions, 14,000 ft. Sd.coll.

22807 (Fr.23314) Rhododendron Wardii
Tree 10-15 ft.; fl. yellow; in fir forest, 12,500 ft. Sd.coll.

22808 (Fr.23315) Primula pulchella Franch.
Fl. blue among gravel and rocks, 13,500 ft. Sd.coll.

22809 (Fr.23316) Rhododendron scintillans
Shrub 2 ft.; fl. dark, purplish red; dry alpine gravelly slopes, 14,500 ft. Sd.coll.

22810 (Fr.23317) Rhododendron pycnocladum
Shrub 1-2 ft.; fl. dark blue; dry alpine slopes, 14,500 ft. Sd.coll.

22811 (Fr.23319) Rhododendron levistratum
Tree 8-15 ft.; fl. white; dry alpine slopes, 14,500 ft. Sd.coll.

22812 (Fr.23320) Oxytropis ~~yunnanensis~~ -- nigrescens Fr.
Fl. blue; in scree, alpine, 14,500 ft. Sd.coll.

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Rock Collections -- 22813
Pei-ma shan, eastern slopes Yangtze-Mekong Divide, contd.

Coll. No.

22813 (Fr.23359) Calophaca crassicaulis (Benth.) Komar.
3-5 in.; fl. red; in scree, alpine, 14,500 ft. Sd.coll.

22814 (Fr.23321) Rhododendron agglutinatum aff.
Shrub 6-8-10 ft.; fl. white; alpine regions, 14,000 ft. Sd.coll.

22815 (Fr.23322) Rhododendron cephalanthum
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 (Fr.23323) ~~Thylacospermum sp.?~~ Arenaria polytrichoides Edgw.
Cushion plant; fl. white; on boulders, 15,500-16,000 ft. Sd.coll.

22818 (Fr.23324) Rhododendron agglutinatum
Tree 10-15 ft.; fl. white; alpine regions, 13,500 ft. Sd.coll.

22819 ~~(Fr.23325)~~ Rhododendron dryophyllum
Shrub 6-8 ft.; fl. white; alpine regions, 13,500 ft. ~~Sd.coll.~~

22820 (Fr.23326) Rhododendron Fargesii
Shrub 4-5 ft.; fl. large, white; in fir forest, 13,000 ft. Sd.coll.

22821 (Fr.23327) Paeonia lutea Franch. var.
Shrub 3 ft.; fl. large, white; in fir forest, 13,000 ft. Sd.coll.

22822 (Fr.23328) Rhododendron aganniphum
Shrub 4 ft.; fl. rose pink; in fir forest, 13,000 ft. Sd.coll.

22823 (Fr.23330) Rhododendron cosmetum
Shrub 1-2 ft.; fl. bluish purple, calyx carmine; alpine regions, 14,500 ft. Sd.coll.

22824 (Fr.23331) Rhododendron aganniphum
Shrub 4-5 ft.; white spotted purple; in fir forest, 12,500 ft. Sd.coll.

22825 (Fr.23332) Rhododendron pleistanthum
8-10 ft.; fl. blue smoke color; in spruce forest, 12,000 ft. Sd.coll.

22826 (Fr.23333) Rhododendron aganniphum
Tree 10-15 ft.; fl. pink; in spruce forest, 12,000 ft. Sd.coll.

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

Coll. No.

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

Collected on Mo-ting shan, east of Atuntze.

22828 (Fr.23334) Meconopsis integrifolia (Maxim.) Fr.
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 (Fr.23335) Primula dryadifolia Franch.
Fl. red; on boulders, 15,500 ft. Sd.coll.

22831 (Fr.23336) Thermopsis ~~inflata~~ alpina Ledeb.
Plant prostrate; fl. yellow; in scree at 15,500 ft. Sd.coll.

22832 (Fr.23337) Pedicularis versicolor Wahl.
Fl. pink; alpine meadows, 13,500 ft. Sd.coll.

22833 (Fr.23338) Rhododendron schizopeplum
Tree 10-15 ft.; fl. pink; alpine region, in fir forest, 13,000 ft. Sd.coll.

22834 Anemone narcissiflora L.
Fl. white; alpine meadows, 12,000 ft.

Berberis tishleri Schn.-Merrill determination

22835 ~~(Fr.23339)~~ Berberis aggregata Schneid. var. Prattii-Ames determination
Fl. yellow; shrub 3 ft.; alpine meadows, 12,000 ft. ~~Sd.coll.~~

22836 (Fr.23340) Berberis Jamesiana Forr. & W.W.Sm.
4-5 ft.; fl. yellow; alpine meadows, 13,000 ft. Sd.coll.

22837 (Fr.23341) Primula lichiangensis Forrest
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 (Fr.23342) Aster sp.?
Fl. blue; alpine meadows, 14,500 ft. Sd.coll.

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Rock Collections -- 22840

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

Coll. No.

22840 (Fr. 23343) Pedicularis microphyton Bur. & Fr.
Fl. purplish red; alpine meadows, 14,500 ft. Sd.coll.

22841 Oxygraphis glacialis Bunge
Fl. yellow; in wet gravel, 15,000 ft.

22842 (Fr.23344) Sedum ~~sp.?~~ venustum Praeger
Fl. yellow; alpine regions, cliffs and crags, 15,000 ft. Sd.coll.

22843 (Fr.23345) ~~Hyoscyamus sp.?~~ Hyoscyamus niger Linn.
Fl. pale blue; at Atuntze, 11,500 ft. Sd.coll.

22844 (Fr.23346) Calophaca crassicaulis (Benth.) Komar.
Fl. yellow; alpine regions among boulders, 15,000 ft. Sd.coll.

22845 (Fr.23348) Primula secundiflora Franch.
Fl. purplish red; alpine meadows, 14,000 ft. Sd.coll.

22846 (Fr. 23349) Primula calliantha Franch. forma
Fl. bluish purple; alpine meadows, 14,000 ft. Sd.coll.

22847 (Fr.23350) Rhododendron levistratum
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 (Fr.23318) Rhododendron schizopeplum
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 caeruleum Camb.
Fl. purplish blue; on scree, 14,000 ft.

22853 Gentiana sp.?
Fl. purple blue; alpine meadows, 14,000 ft.

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

Coll. No.

22854 Gentiana sino-ornata Balf. f.
Fl. blue; alpine meadows, 14,000 ft.

22855 Gentiana 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 protecides
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 Paraquilegia microphylla Drumm. & 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 ~~Saxifragaceae~~ Bergenia purpurascens var. Delavayi Engl.
~~(Fr. 23403)~~ Fl. purple to red; among rocks, on boulders and cliffs, 15,000 ft. ~~sch coll.~~

22874 Gentiana phellocalyx Clarke
Fl. deep blue; alpine meadows, 14,500 ft.

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Rock Collections -- 22875

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

Coll. No.

22875 (Fr.23411) Pedicularis chenocephala Diels
Fl. purple; alpine meadows, 14,500 ft. Sd.coll.

22876 Hedysarum of sikkimense Hk. f.
Fl. purple; alpine meadows, 14,500 ft.

22877 Pedicularis delâvayi 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 (Fr.23410) Meconopsis impedita Prain
Fl. purplish blue; on scree and among rocks, 14,500 ft. Sd.coll.

22881 (Fr.23399) Meconopsis horridula Hook.f. & Thoms.
Fl. steel blue; on scree and among rocks, 14,500 ft. Sd.coll.

22882 (Fr.23396) Chioncharis hookeri (Clarke) Johnst.
Woolly cushion plant, fl. sky blue; 15,500-16,000 ft. Sd.coll.

22883 (Fr.23397) Saussurea ~~sp.?~~ eriocephala Diels
Fl. purple; on alpine scree, 15,500-16,000 ft. Sd.coll.

22884 Saussurea gossyphiphora Don
Fl. purple; on alpine scree, 15,500-16,000 ft.

22885 Saussurea eriocephala 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 (Fr.23395) Meconopsis integrifolia Maxim. Fr.
Fl. yellow; alpine meadows, 14,000 ft. Sd.coll.

22888 (Fr.23402) Prenanthes umbrella (Franch.) Babc.
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.

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Rock Collections -- 22891
Mountains of Hung-po, southwest of Pei-ma shan, overlooking the Mekong, east of Yangtze.

Coll. No.

22891 Doronicum tibeticum Cavill.
Fl. yellow; alpine meadows, 14,000 ft.

22892 Cremanthodium decaisnei Clarke
Fl. yellow; on scree, 14,500 ft.

22893 Primula dryadifolia Franch.
Fl. pink; on boulders, 15,000 ft.

22894 (Fr.23409) Meconopsis horridula Hook.f. & Thoms.
Fl. purple; on boulders and scree, 15,000 ft. Sd.coll.

22895 (Fr.23406) Rhododendron dryophyllum
Fl. ?; shrub 3-4 ft.; alpine regions, 13,500 ft. Sd.coll.

22896 (Fr.23405) Rhododendron aganniphum var. adenophyllum
Fl. white; shrub 4-8 ft.; alpine regions, 12,000 ft. Sd.coll.

22897 (Fr.23401) Rhododendron aganniphum
Fl. purplish-pink; shrub 4-8 ft.; alpine regions, 12,000 ft. Sd.coll.

22898 ~~(Fr.23400)~~ Rhododendron caloxanthum aff.
Fl. yellow; shrub 3 ft.; alpine regions, 12,000 ft. ~~Sd.coll.~~

22899 Potentilla articulate Franch.
Fl. yellow; among boulders, 15,500 ft.

22900 (Fr.23404) Larix Potaninii Batal.
Tree 30-40 ft.; alpine regions, 15,000 ft. Sd.coll.

22901 (Fr.23400) Rhododendron cephalanthum
Shrub 2-3 ft.; 5 ft.; fl. white; alpine regions, 13,500 ft. Sd.coll.

22902 (Fr.23398) Rhododendron muliense
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 subulata Clarke
Fl. ?; on boulders, 15,000 ft.

22905 Potentilla sp.?
Fl. yellow; on boulders, 15,000 ft.

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Rock Collections -- 22906
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 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 (Fr.23587) Rhododendron coryphaeum
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 (Fr.23585) Primula calliantha Franch.
Fl. purplish blue; alpine meadow, 14,000 ft. Sd.coll.

22911 (Fr.23520) Rhododendron coryphaeum
Tree 25-30 ft.; fl. red; forest, 12,500 ft. Sd.coll.

22912 Rhododendron selecteum
Shrub 5-6 ft.; fl. orange red; forest, 12,500 ft.

22913 (Fr.23524) Rhododendron sanguineum
Shrub 6-8 ft.; fl. carmine; alpine regions, 14,500 ft. Sd.coll.

22914 (Fr.23522) Vaccinium Delavayi Franch.
Fl. pink; among rocks, 12,000 ft. Sd.coll.

22915 (Fr.23521) Rhododendron Beesianum
Tree 10-15 ft.; fl. red; fir forests, 12,500 ft. Sd.coll.

22916 (Fr.23528) Rhododendron Beesianum
Tree 10-12 ft.; fl. white; fir forests, 12,500 ft. Sd.coll.

22917 (Fr.23527) Rhododendron Beesianum
6-8 ft.; fl. pink; fir forests, 12,500 ft. Sd.coll.

22918 (Fr.23526) Rhododendron [illegible] (Roxieanum-Taliense Ser.)
Shrub 5-6 ft.; alpine regions, 13,000 ft. Sd.coll.

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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 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 L.~~ 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 habachananensis Bonati
(Fr.23534) Fl. purple; alpine meadows, 13,000 ft. Sd.coll.

22925 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 Draba amplexicaulis Fr.?
Fl. yellow; in alpine meadows, 12,500 ft.

22928 ~~Lychnis 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 Hibiscus trionum Linn.
Fl. pale yellow; in oak forest, dry slopes, 10,000 ft.

22931 ~~Cnephalium sp.? (Intermedia)~~ 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.

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Rock Collections -- 22934
Western range of Mekong on Kaskerpo, Dokerla and Tsarung, contd.

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 faxoniana 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 protecides
(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 poteriifolia 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.23553~~) Shrub 3 ft.; fl. yellow, small; alpine regions, 14,000 ft. ~~Sd.coll.~~

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Rock Collections -- 22948
Western range of Mekong on Kaakerpo, Dokerla and Tsarung, contd.

Coll. No.

22948 (Fr.23552) Clematis ~~montana Buch.-Ham.~~ gracilifolia Rehd. & Wils.
Climber, fl. white; in fir forest, 12,000 ft. Sd.coll.

22949 (Fr.23551) Anemone ~~narcissiflora L.~~ demissa Hk. f. & Th.
Fl. white; alpine meadow, 11,500 ft. Sd.coll.

22950 (Fr.23550) ~~Myosotis sp.?~~ Hackelia Dielsii (Brand) Johnst. ?
Fl. blue; along brooks in forests, 10,000 ft. Sd.coll.

22951 ~~Herb~~ Geranium 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 (Fr.23549) Primula serratifolia Franch. forma
Fl. yellow; in water courses, alpine regions, 13,000 ft. Sd.coll.

22954 (Fr.23548) Rhododendron saluenense
Fl. purple; shrub 2-3 ft.; alpine regions, 14,000 ft. Sd.coll.

22955 (Fr.23547) Sorbus hupehensis Schneid.
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 (Fr.23546) Rhododendron prostratum
Plant 1 ft.; fl. purplish red; alpine regions, 14,000 ft. Sd.coll.

22958 (Fr.23545) Rhododendron saluenense
Shrub 2-3 ft.; fl. deep purple; alpine regions, 14,000 ft. Sd.coll.

22959 (Fr.23562) Rhododendron iodes
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 (Fr.23561) Rhododendron poecilodermum
Shrub 5-8 ft.; fl. white spotted purple; alpine regions, 13,500 ft. Sd.coll.

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

Coll. No.

22962 (Fr.23560) Rhododendron campylogynum
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 (Fr.23559) Rhododendron cephalanthum
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 (Fr.23558) Primula callianthe Franch.
Fl. purplish blue; alpine meadows, 13,000 ft. Sd.coll.

22967 (Fr.23557) Primula amethystina Franch. subsp. brevifolia Forrest
Fl. deep bluish purple; alpine meadows, 13,000 ft. Sd.coll.

22968 (Fr.23556) Rhododendron saluenense
Shrub 1-2 ft.; fl. purple; alpine regions, 13,500 ft. Sd.coll.

22969 (Fr.23555) Rhododendron fictolacteum
Tree 15-25 ft.; fl. pink; above fir forest, 13,000 ft. Sd.coll.

22970 (Fr.23554) Cassiope dendrotricha Hand.-Mazz.
Fl. white; alpine ridges under scrub Rhododendron, 14,500 ft. Sd.coll.

22971 (Fr.23572) Omphalogramma Souliei Franch.
Fl. deep indigo blue, large; alpine meadows, 14,500 ft. Sd.coll.

22972 (Fr.23571) Primula serratifolia Franch.
Fl. yellow; alpine meadows, 14,500 ft. Sd.coll.

22973 (Fr.23570) Castanea mollissima Bl.
Tree 40 ft.; at Tsechung, 7,800 ft.

22974 (Fr.23569) Rhododendron heliolepis
Shrub 6-8 ft.; in fir forest, 11,500 ft. Sd.coll.

22975 (Fr.23568) Enkianthus deflexus (Griff.) Schneid.
Shrub 8 ft.; fl. pink; in fir forest, 11,500 ft. Sd.coll.

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Rock Collections -- 22976
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 ~~Gaultheria sp.?~~ 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.?~~ pardanthina Fr.
(Fr.23576) Fl. lavender pink; alpine regions, 12,500 ft. Sd.coll.

22986 Rhododendron iodes
(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.

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Rock Collections -- 22990
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 (Fr.23582) Primula muscarioides Hemsl.
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 ~~(Fr.23584)~~ ~~Lilium or Notoryl.~~ Nomocharis spoliei Sm. & Ev.
Fl. dark reddish purple; alpine meadows, 13,500 ft. ~~Sd.coll.~~

22994 Meconopsis sp.?
Fl. pale blue; alpine meadows, 13,500 ft.

22995 (Fr.23583) Aquilegia oxysepala Y. & M.
Fl. blue; alpine meadows, 11,000 ft. Sd.coll.

22996 (Fr.23518) Rhododendron Beesianum
Shrub 8-10 ft.; fl. pink; in fir forest, 12,500 ft. Sd.coll.

22997 (Fr.23517) Rhododendron niphargum
Shrub 6-8 ft.; leaves white beneath; fl. rich pink; in spruce forest, 11,000 ft. Sd.coll.

22998 (Fr.23516) Rhododendron selectum
Shrub 3-4 ft.; fl. yellow; alpine regions, 13,500 ft. Sd.coll.

22999 ~~(Fr.23515)~~ Rhododendron pagophilum
Shrub 4-8 ft.; fl. pale pink to rose; in fir forest, 12,000 ft. ~~Sd.coll.~~

23000 (Fr.23514) Rhododendron desquamatum
Tree 15-20ft.; 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 (Fr.23513) Rhododendron trichocladum
Fl. yellow (Azalea); shrub 2 - 2 1/2 ft.; alpine regions, 14,000 ft. Sd.coll.

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Rock Collections -- 23003
Western range of Mekong on Kaakerpo, Dokerla and Tsarung, contd.

Coll. No.

23003 (Fr.23512) Rhododendron eclecteum var. brachyandrum
Shrub 3-4 ft.; fl. red; alpine regions, 14,000 ft. Sd.coll.

23004 (Fr.23511) Rhododendron eclecteum
Shrub 3-4 ft.; fl. yellow; alpine region, 14,000 ft. Sd.coll.

23005 (Fr.23510) Rhododendron eclecteum var. brachyandrum
Shrub 3-4 ft.; fl. purple; alpine region, 14,000 ft. Sd.coll.

23006 (Fr.23509) Rhododendron eclecteum
Shrub 3-4 ft.; fl. yellow; alpine region, 14,000 ft. Sd.coll.

23007 (Fr.23508) Rhododendron fulvoides
Shrub 6-8 ft.; fl. white; alpine region, 14,000 ft. Sd.coll.

23008 (Fr.23507) Photinia Franchetiana Diels
Tree 10-15 ft.; fl. white; along Mekong, 7600 ft. Sd.coll.

23009 (Fr.23506) Rhododendron floccigerum
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 (Fr.23505) Rhododendron fulvum
Shrub 6 ft.; fl. white to pink; spruce forest, 12,500 ft. Sd.coll.

23012 (Fr.23504) Deutzia purpurascens Rehd.
Fl. white; shrub 5 ft.; spruce forest, 12,500 ft. Sd.coll.

23013 Diapelta ~~(Dipelta-?)~~- yunnanensis Franch.
Shrub 5-6 ft.; fl. pink; in forests, 11,000-12,000 ft.

23014 (Fr.23502) Berneuxia ~~thibetica~~ glaberrima Decne
Shrub several inches; fl. white; in forest shade, 11,000-12,000 ft. Sd.coll.

23015 (Fr.23500) Sorbus oligodonta (Cardot.) Hand.-Mazz.
Tree 10-15 ft.; fl. pinkish; 11,000-12,000 ft. Sd.coll.

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Rock Collections -- 23016
Western range of Mekong on Kaakerpo, Dokerla and Tsarung, contd.

Coll. No.

23016 (Fr.23499) Rhododendron Forrestii
Prostrate; fl. red; leaves purple beneath; 14,500 ft.

23017 (Fr.23498) Rhododendron repens var.
Prostrate; fl. deep red; alpine regions, 14,500 ft. Sd.coll.

23018 ~~(Fr.23497)~~ Rhododendron fictolacteum
Tree 15-20 ft.; fl. pinkish white; in fir forest, 12,500 ft. ~~Sd.coll.~~

23019 (Fr.23496) Rhododendron coryphaeum
Tree 20-25 ft.; fl. white; in fir forest, 12,500 ft. Sd.coll.

23020 (Fr.23495) Rhododendron floccigerum
Shrub 3-4 ft.; fl. rich carmine; alpine regions, 13,500 ft. Sd.coll.

23021 (Fr.23494) Rhododendron eclecteum var. brachyandrum
Shrub 4-8 ft.; fl. reddish purple; above fir forest, 13,000 ft. Sd.coll.

23022 (Fr.23492) Rhododendron pagophilum
Shrub 3-4 ft.; fl. pink; above fir forest, 13,000 ft. Sd.coll.

23023 ~~(Fr.23491)~~ Rhododendron selense
Shrub 3-5 ft.; fl. pink; above fir forest, 13,000 ft. ~~Sd.coll.~~

23024 (Fr.23490) Rhododendron crinigerum
Shrub 4-6 ft.; fl. pink; in fir forest, 12,500 ft. Sd.coll.

23025 (Fr.23489) Rhododendron crinigerum
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 (Fr.23488) Rhododendron fulvoides
Shrub 4-5 ft.; fl. pink; in fir forest, 12,500 ft. Sd.coll.

23028 (Fr.23487) Rhododendron fulvoides
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.

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

Coll. No.

23030 (Fr.23485) Rhododendron crinigerum
Tree 10 ft.; fl. white and rose pink; in fir forest, 12,500 ft. Sd.coll.

23031 (Fr.23483) Rhododendron megeratum
Shrub 5-6 ft.; fl. yellow; alpine regions, among rocks, 13,500 ft. Sd.coll.

23032 (Fr.23482) Rhododendron Martinianum
Shrub 3 ft.; fl. pink; alpine regions, among rocks, 13,500 ft. Sd.coll.

23033 (Fr.23481) Rhododendron (Thomsonii Ser.)
Shrub 4 ft.; fl. rose colored; alpine regions, among rocks, 13,500 ft. Sd.coll.

23034 (Fr.23480) Rhododendron
Shrub 5-6 ft.; fl. white; fir forests, 13,000 ft. Sd.coll.

23035 (Fr.23479) Vaccinium viburnoides Rehd. & Wils. (V. oreotrephes 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 Praxinus Paxiana Lingelsh. var. sikkimensis Lingelsh.
Tree 30 ft.; fl. cream colored; Mekong Valley near Tsechung.

23038 (Fr.23478) Holboellia Fargesii Reaul.
Fl. white; in forests along Mekong. Sd.coll.

23039 (Fr.23477) Rhododendron chasmanthum
Fl. lavender; in spruce forest, also pine forest, drier region, 10,000 ft. Sd.coll.

23040 (Fr.23592) Rhododendron bullatum
Shrub 6-8 ft.; fl. white; in spruce and fir forest, 12,500-13,000 ft. Sd.coll.

23041 (Fr.23493) Primula lichiangensis Forrest In fruit.
Fl. pale purple; along lateral water courses on banks of Mekong, 7,800 ft. Sd.coll.

23042 (Fr.23519) Rosa odorata Sweet var. gigantea (Collet) Rehd.& Wils.
Strong climber; fl. large, pale pink; along lateral water courses on banks of Mekong, 7,800 ft. Sd.coll.

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Rock Collections -- 23043
Western range of Mekong on Kaakerpo, Dokerla and Tsarung, contd.

Coll. No.

23043 (Fr.23591) Rhododendron lukiangense
Shrub 6-8 ft.; 10 ft.; fl. red; in spruce forest, 12,000 ft. Sd.coll.

23044 (Fr.23590) Rhododendron desquamatum heliolepis forma
Tree 10-15 ft.; fl. lavender purple; in spruce forest, 12,000 ft. Sd.coll.

23045 (Fr.23589) Rhododendron
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 (Fr.23588) Rhododendron floccigerum
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.

23049 (Fr.23475) Lilium davidii Diels
Fl. orange red, spotted black; in pine forest, 10,000 ft. Sd.coll.

23050 Cremanthodium campanulatum Diels
Fl. deep purple; on scree, alpine regions, 14,500 ft.

23051 ~~(Fr.23466)~~ Geranium Delavayi Fr.
Fl. purple; alpine meadows, 12,500-13,000 ft. ~~Sd.coll.~~

23052 (Fr.23464) Geranium ~~veresvishum Franch.~~ platypetalum Fr.
Fl. pink; alpine meadows, 12,500-13,000 ft. Sd.coll.

23053 ~~(Fr.23447)~~ Lactuca ~~sp.?~~ Delavayi Fr.
Fl. purple; alpine meadows, 12,500-13,000 ft. ~~Sd.coll.~~

23054 ~~(Fr.23465)~~ Corydalis delphinioides
Fl. yellow; alpine meadows, 12,000 ft. ~~Sd.coll.~~

23055 (Fr.23463) Meconopsis impedita Prain
Fl. purple; in scree and among rocks, 14,000 ft. Sd.coll.

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Rock Collections -- 23056
West of the Mekong opposite Yeche, Mt. Kaakerpo, contd.

Coll. No.

23056 (Fr.23446) Saxifraga hirculus L. var. alpina Engel.
Fl. yellow; on boulders, 14,000 ft. Sd.coll.

23057 (~~Fr.23471~~) Lactuca graciliflora DC.
Fl. yellow; meadows at 11,000 ft. ~~Sd.coll.~~

23058 (Fr.23455) ~~Crocosmia~~ Ancylostemon
Fl. yellow; on rocks and boulders, 11,000 ft. Sd.coll.

23059 (Fr.23456) ~~Crocosmia~~ Ancylostemon
Fl. yellow; on trees, epiphytic, in forests, 11,000 ft. Sd.coll.

23060 (Fr.23472) Crepis paleacea Diels
Fl. yellow; in meadows, 11,000 ft. Sd.coll.

23061 (Fr.23469) Erigeron acer L.
Fl. white; in meadows, 11,000 ft. Sd.coll.

23062 (Fr.23470) Anemone ~~vitifolia (or near)~~ japonica S. & Z.
Fl. white, purplish tinge; in meadows, 11,000 ft. Sd.coll.

23063 (Fr.23473) Acer Campbellii Hook.f. & Th. var. yunnanense Rehd.
Tree 10-25 ft.; 40 ft.; in forests, 11,500 ft. Sd.coll.

23064 (Fr.23474) Euptelea pleiosperma Hook. f. & Thoms.
~~/Undetermined, probably new--A.Rehder--(Euptelea pteroperma ?)~~
Tree 20-25 ft.; in gulches on open slopes, 9500 ft. Sd.coll.

23065 (Fr.23468) Sorbus oligodonta (Cardot) Hand.-Mazz.
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 reniforme Benth
Fl. yellow; meadows, 11,000 ft.

23069 (Fr.23449) Aster
Fl. purple; alpine meadows, 12,500 ft. Sd.coll.

23070 (Fr.23460) Cremanthodium forrestii J.F.Jeffrey v. dentatum var. nov.
Fl. yellow; alpine meadows and gravelly slopes, 13,000 ft. Sd.coll.

23071 ~~Medyasarmady~~ cf. sikkimense Hk. f.
Fl. purple; alpine meadows, 12,500 ft.

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Rock Collections -- 23072
West of the Mekong opposite Yeche, Mt. Kaakerpo, contd.

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.23462)~~ Fl. white; along water courses, 13,000 ft. ~~Sd.coll.~~

23077 ~~Compositae~~ 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 ~~Compesite-~~ 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.

23083 Draba oreadès Schrenk.
(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 fictolacteum
(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 ~~Compesite~~ Saussurea polytrichoides Hk.
Fl. head purple; alpine meadow,12,500 ft.

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Rock Collections --
West of the Mekong opposite Yeche, Mt. Kaakerpo, contd. 23089

Coll. No.

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

Collected on the Mountains of Makelo, 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.23433)~~ 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.~~

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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 ~~Labiate~~ 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 (Fr.23434) Polygonum Forrestii Diels
Fl. white; on alpine scree, 15,000 ft. Sd.coll.

23109 (Fr.23413) Sorbaria arborea Schneid.
Fl. cream-colored; oak and pine forest, 10,000 ft. Sd.coll.

23110 (Fr.23419) Cremanthodium rhodocephalum Diels
Fl. lavender red; on alpine scree, 14,500 ft. Sd.coll.

23111 (Fr.25429) Potentilla ~~curviseta Hook.f.~~ ambigua Craib
Fl. yellow; on alpine boulders, 14,500 ft. Sd.coll.

23112 (Fr.23420) ~~Senecio~~ Chrysanthemum tatsienense Fr. (C. jugorum)
Fl. orange; on alpine boulders and rocky slopes, 15,000 ft. Sd.coll.

23113 (Fr.23436) Pedicularis macrocalyx Bonati
Fl. purple; alpine meadows, 14,000 ft. Sd.coll.

23114 Pedicularis
Fl. purple; alpine meadows, 14,000 ft.

23115 Cyananthus
Fl. purplish lavender blue; on scree, 15,000 ft.

23116 (Fr.23435) Pedicularis tseukuensis Bonati
Fl. rose lavender; alpine meadows, 13,000 ft. Sd.coll.

23117 ~~(Fr.23431)~~ Aster Delavayi
Fl. purple; alpine meadows, 13,000 ft. ~~Sd.coll.~~

23118 (Fr.23417) ~~Ligularia~~ Mulgedium
Fl. purple; in alpine meadows, 12,500 ft. Sd.coll.

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Rock Collections -- 23119
Mts. of Nakelo, east of Yuragan, Mekong-Salwin Divide, contd.

Coll. No.

23119 Geranium Delavayi
~~(Fr.23410)~~ 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 ~~macrosepala Cardot.~~ 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 ~~nebile (Franch.) Dicls~~ 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 Labiate
(Fr.23441) Fl. purplish red; on scree, 15,000 ft. Sd.coll.

23132 Trollius ~~pumilus 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.

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Rock Collections -- 23134

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

Coll. No.

23134 (Fr.23621) Rhododendron eclecteum var. brachyandrum
Fl. pinkish red; shrub 3-5 ft.; alpine regions, 13,500 ft. Sd.coll.

23135 (Fr.23645) Rhododendron citriniflorum
Shrub 2-3 ft.; fl. yellow; alpine regions, 13,500 ft. Sd.coll.

23136 (Fr.23626) Rhododendron (Selense-Thomsonii Series)
Shrub 1-2 ft.; fl. dark red; alpine regions, 13,500 ft. Sd.coll.

23137 (Fr.23625) Rhododendron Beesianum
Shrub 5-10 ft.; fl. white; in fir forest, 13,000 ft. Sd.coll.

23138 (Fr.23606) Meconopsis impedita Prain
Fl. dark purple; alpine meadows, 14,000 ft. Sd.coll.

23139 Ranunculus affinis DC
Fl. yellow; alpine meadows, 13,500 ft.

23140 (Fr.23617) Rhododendron glaphyrum
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 (Fr.23619) Rhododendron Beesianum
Shrub 4 ft. or less; fl. purple; alpine regions, 13,500 ft. Sd.coll.

23143 (Fr.23638) Rhododendron citriniflorum
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 (Fr.23652) Rhododendron flavorufum
Shrub 4 ft.; prostrate, spreading; alpine regions, 14,000 ft. Sd.coll.

23146 ~~(Fr.23655)~~ ~~Caltha~~ Trollius patulus
Fl. yellow; wet meadows, 13,000ft. ~~Sd.coll.~~

23147 (Fr.23598) Pedicularis cephalanthax Fr.
Fl. purple; alpine meadows, 13,000 ft. Sd.coll.

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Rock Collections -- 23148
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 (Fr.23654) Ilex yunnanensis Franch.
Shrub 4-5-6 ft.; fl. white; lower slopes, in valleys, 10,000 ft. Sd.coll.

23152 (Fr.23662) Rhododendron (Roxieanum - Taliense Series)
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 (Fr.23667) Enkianthus deflexus (Griff.) Schneid.
Shrub 5-6 ft.; fl. brick red; open country, pine forest, 11,000 ft. Sd.coll.

23156 (Fr.23594) Pedicularis
Fl. purple; alpine meadows, 13,000 ft. Sd.coll.

23157 (Fr.23603) Potentilla purpurea Royle
Fl. red; alpine meadows, 13,000 ft. Sd.coll.

23158 (Fr.23616) Rosa omeiensis Rolfe
Fl. white; alpine meadows, 13,000 ft. Sd.coll.

23159 Evonymus clivicola W.W.Sm.
Fl. red; in forest, 10,000 ft.

23160 (Fr.23612) Acer Forrestii Diels
Tree 15-35 ft.; fl. ?; in mixed forest, 11,500 ft. Sd.coll.

23161 (Fr.23659) Rosa ~~meyeri-Henry-& Wils.~~ graciliflora Rehd. & Wils.
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.

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Rock Collections -- 23163
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 ~~Amaryllis--(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 Cypripedium 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.

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

23178

Coll. No.

23178 (Fr.23657) Sorbus oligodonta (Cardot) Hand.-Mazz.
Shrub 6-8 ft., 10 ft.; fl. white; in fir forest, 12,000 ft. Sd.coll.

23179 (Fr.23644) Sorbus oligodonta (Cardot) Hand.-Mazz.
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 (Fr.23632) Rhododendron eclecteum
Tree 10-15 ft.; fl. cream-colored; alpine region, 13,000 ft. Sd.coll.

23184 Prunus micromeleides 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 (Fr.23614) Viburnum Veitchii C.H.Wright
Shrub 5-6 ft.; fl. cream-colored; in gulches at 11,000 ft. Sd.coll.

23188 (Fr.23668) Acer caudatum Wall. var. Georgei Diels
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 (Fr.23665) Potentilla ~~dcurica Kostl.~~ veitchii Wils
Shrub 3 ft.; fl. white; alpine region, 13,500 ft. Sd.coll.

23191 (Fr.23622) Rhododendron haemaleum
Shrub 4 ft.; fl. black carmine; alpine region, 13,500 ft. Sd.coll.

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Rock Collections -- 23192
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 (Fr. 23635) Rhododendron himertum
Shrub 3 ft.; fl. yellow; alpine regions, 13,500 ft. Sd.coll.

23194 (Fr.23593) Rhododendron temenium
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 (Fr.23648) Rhododendron campylogynum
Shrub 1-2 ft.; fl. carmine, glaucous outside; alpine regions, 14,000 ft. Sd.coll.

23199 (Fr.23663) Rhododendron temenium
Shrub 2 ft.; fl. bright red; alpine regions, 14,000 ft. Sd.coll.

23200 (Fr.23660) Rhododendron adenophorum
Shrub 3-4 ft.; fl. white, pinkish tinge; alpine regions, 13,000 ft. Sd.coll.

23201 (Fr.23631) Rhododendron haemaleum
Shrub 1-2 ft.; fl. dark carmine; alpine regions, 13,500-14,000 ft. Sd.coll.

23202 ~~(Fr.23609)~~ Salvia hians
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 (Fr.23610) Aquilegia ~~corcopalo-Prantzi-& Hoyl.~~ escalcarata Max?
Alpine meadows, 11,000 ft. Sd.coll.

23205 ~~Gaibim~~ Frollium pumilus Don
Fl. yellow; in scree, 13,000 ft.

23206 Primula vernicosa Ward.
Fl. white; in snow alpine meadows, 14,000-15,000 ft.

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Rock Collections -- 23207
Mts. west of Kaakerpo in S.E.Tibet, Tsarong, west of Dokerla and Yundshi, contd.

Coll. No.

23207 (Fr.23618) Omphalogramma Souliei Franch. 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 (Fr.23624) Primula calliantha Franch. 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 (Fr.23627) Rhododendron saluenense aff. Shrub 2 ft.; fl. large, purplish blue; alpine region, 14,000 ft. Sd.coll.

23212 ~~(Fr.23637)~~ Rhododendron sanguineum Shrub 1 ft.; fl. dark carmine; alpine region, 14,000 ft. ~~Sd.coll.~~

23213 ~~(Fr.23670)~~ Nomocharis pardanthina Fr. Fl. white, speckled; alpine meadows, 12,500 ft. ~~Sd.coll.~~

23214 (Fr.23605) Meconopsis impedita Prain Fl. purple; alpine meadows, 13,000 ft. Sd.coll.

23215 Primula yargongensis Petitm. Fl. pale purplish blue; alpine meadows, 13,000 ft.

23216 (Fr.23597) Meconopsis horridula Hook.f. & Thoms. Fl. pale purple to lavender blue; alpine rocky regions, 14,000 ft. Sd.coll.

23217 (Fr.23601) Primula amethystina Franch. Fl. reddish purple; alpine rocky regions, 14,000 ft. Sd.coll.

23218 (Fr.23620) Rhododendron saluenense Fl. lavender; shrub 2-3 ft.; alpine rocky regions, 14,000 ft. Sd.coll.

23219 (Fr.23629) Rhododendron temenium Fl. rich carmine; shrub 2-3 ft.; alpine rocky regions, 14,000 ft. Sd.coll.

23220 (Fr.23615) Rhododendron mekongense Shrub 2 ft.; fl. yellow; alpine, 14,000 ft. Sd.coll.

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Rock Collections -- 23221
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.23664) 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 ~~leucochlora Hook.~~ 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.

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Rock Collections -- 23235
Mts. west of Kaakerpo in S.E.Tibet, Tsarong, west of Dokerla and Yundshi, contd.

Coll. No.

23235 (Fr.23630) Rhododendron eclecteum var. brachyandrum
Shrub 2-4-6 ft.; fl. red-purple; alpine regions, 14,000 ft. Sd.coll.

23236 (Fr.23636) Rhododendron roseotinctum
Shrub 3 ft.; fl. yellow-red; alpine regions, 14,000 ft. Sd.coll.

23237 (Fr.23641) Rhododendron sanguineum
Shrub 2-3 ft.; fl. carmine; alpine regions, 14,000 ft. Sd.coll.

23238 (Fr.23596) Primula muscarioides Hemsl.
Fl. blue; alpine meadows, 13,000 ft. Sd.coll.

23239 Androsace
Fl. pink; on boulders, 14,000 ft.

23240 (Fr.23602) Primula calliantha Franch.
Fl. purple; alpine meadows, 13,000 ft. Sd.coll.

23241 (Fr.23600) Primula calliantha Franch. forma
Fl. purple-blue; alpine meadows, 13,000 ft. Sd.coll.

23242 (Fr.23623) Clematis Delavayi Franch. var spinescens Balf. f.
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 (Fr.23640) Rhododendron leucopetalum
Shrub 2 ft.; fl. yellow; alpine region, 13,500 ft, Sd.coll.

23245 (Fr.23669) Rhododendron (Sanguineum-Taliense Series)
Shrub 2-3 ft.; fl. red; alpine region, 13,500 ft. Sd.coll.

23246 (Fr.23613) Lilium ~~taliense-Franch.~~ ducharteri Fr. var farrere Krause
Fl. pinkish; alpine meadows, 12,000 ft. Sd.coll.

23247 (Fr.23658) ~~Orchid~~- Calanthe yunnanensis Rolfe
Fl. pale yellow; along stream, 8000 ft. Sd.coll.

23248 ~~Herb~~ Strobilanthes limprichtii Diels
Fl. pink; along stream, 12,500 ft.

23249 (Fr.23666) Rhododendron heliolepis
Tree 10-15 ft.; fl. purple lavender; in spruce forests, 11,000 ft. Sd.coll.

23250 (Fr.23649) Rhododendron sanguineum
Shrub 1-2 ft.; fl. yellow-red; alpine regions, 13,500 ft. Sd.coll.

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Rock Collections -- 23251

Fruiting specimens collected at Fuchuan, August, 1932.

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

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Rock Collections -- 23269

Fruiting specimens collected at Puchuan, contd.

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

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Rock Collections -- 23288
Fruiting specimens collected at Fuchuan, contd.

Coll. No.

23288 Meconopsis speciosa Prain
See No. 22695. Sd.coll.

23289 Cephalotaxus Fortunei 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 Torreya Fargesii Franch.
Tree 50-60 ft.; Mts. of Fuchuan, 10,000 ft. Sd.coll.

23292 Saussurea
Fl. ?; alpine meadows of Fuchuan, 12,500 ft.; Aug. 1932. Sd.coll.

23293 Saussurea
Fl. purple; in alpine meadows; 13,000 ft. Sd.coll.

23294 Rhododendron chaetomallum
See No. 22713. Sd.coll.

23295 Rhododendron aperantum
See No. 22714.

23296 Rhododendron saluenense
See No. 22715.

23297 Pterocarya insignis Rehd. & Wils.
Tree. See No. 22716. Sd.coll.

23298 Pedicularis
See No. 22722. Sd.coll.

23299 Sorbus vilmorini Schneid.
See No. 22702. Sd.coll.

23300 Sorbus Rehderiana Koehne
See No. 22703.

23301 Rhododendron (Heliolepis Series) (not Rhododendron brevistylum)
See No. 22704. Sd.coll.

23302 Rhododendron heliolepis
See No. 22705. Sd.coll.

23303 Rhododendron herpesticum
See No. 22706.

23304 Rhododendron chaetomallum
See No. 22708. Sd.coll.

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Rock Collections -- 23305

Fruiting specimens collected at Fuchuan, contd.

Coll. No.

23305 Rhododendron chaetomallum
See No. 22709. Sd.coll.

23306 Rhododendron chaetomallum
See No. 22711. Sd.coll.

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

23307 Rhododendron schizopeplum
See No. 22799. Sd.coll.

23308 Rhododendron Boesianum
See No. 22801. Sd.coll.

23309 Caragana jubata Poiret
See No. 22796. Sd.coll.

23310 Rhododendron ramosissimum
See No. 22803. Sd.coll.

23311 Caltha scaposa Hook.
See No. 22804. Sd.coll.

23312 Diapensia purpurea Diels
See No. 22805. Sd.coll.

23313 Caragana jubata (Pall.) Poiret
See No. 22802. Sd.coll.

23314 Rhododendron Wardii
See No. 22807. Sd.coll.

23315 Primula pulchella Franch.
See No. 22808. Sd.coll.

23316 Rhododendron scintillans
See No. 22809. Sd.coll.

23317 Rhododendron pycnocladum
See No. 22810. Sd.coll.

23318 Rhododendron schizopeplum
See No. 22849. Sd.coll.

23319 Rhododendron levistratum
See No. 22811. Sd.coll.

23320 ~~Oxytropis yunnanensis~~ Astragalus nigrescens Fr.
See No. 22812. Sd.coll.

23321 Rhododendron agglutinatum
See No. 22814. Sd.coll.

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Rock Collections -- 23322
Pei-ma shan, eastern slopes Yangtze-Mekong Divide.

Coll. No.

23322 Rhododendron cephalanthum
See No. 22815. Sd.coll.

23323 ~~Thylacospermum~~ Arenaria polytrichoides Edgw.
See No. 22817. Sd.coll.

23324 Rhododendron agglutinatum
See No. 22818. Sd.coll.

23325 Rhododendron adenogynum (not Rhododendron dryophyllum)
See No. 22819. Sd.coll.

23326 Rhododendron Fargesii
See No. 22820. Sd.coll.

23327 Paeonia Delavayi Franch.
See No. 22821. Sd.coll.

23328 Rhododendron agganniphum
See No. 22822. Sd.coll.

23329 Astragalus acaulis Baker
See No. 22827. Sd.coll.

23330 Rhododendron cosmetum
See No. 22823. Sd.coll.

23331 Rhododendron agganniphum aff.
See No. 22824. Sd.coll.

23332 Rhododendron pleistanthum
See No. 22825. Sd.coll.

23333 Rhododendron agganniphum 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 habachananensis Bonati
See No. 22832. Sd.coll.

23338 Rhododendron schizopeplum
See No. 22833. Sd.coll.

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Rock Collections -- 23339
Mo-ting shan, east of Atuntze, contd.

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

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Rock Collections -- 23355
Mo-ting shan, east of Atuntze, contd.

Coll. No.

23355 Rosa Davidii Crep.
Shrub 3-4 ft.; alpine regions of Mo-ting shan, 13,000 ft. Sd.coll.

23356 Corydalis fluminicola W.W.Sm.
Alpine regions of Mo-ting shan, on scree, 14,500 ft. Sd.coll.

23357 Cremanthodium ~~thomsonii Clarke~~ smithianum H. -M. val aff
Fl. yellow; along water courses, 13,000 ft. Sd.coll.

23358 Senecio
Fl. ?; among rocks, 14,000 ft. Sd.coll.

23359 Calophaca crassicaulis (Benth.) Komar.
See No. 22813. Sd.coll.

23360 Rhododendron muliense
See No. 22806. Sd.coll.

23361 Iris Delavayi Mich.
Fl. blue; alpine meadows, 12,500-13,000 ft. Sd.coll.

23362 Sorbus hupehensis Koehne
See No. 22754. Sd.coll.

23363 Phlomis rotata Benth.
See No. 22756. Sd.coll.

23364 Lagotis (not Lagotis brevituba Max.)
See No. 22758. Sd.coll.

23365 Paraquilegia ~~anemonoides (Willd.) Ulbr.~~ microphylla Drumm. & Hutch
See No. 22759. Sd.coll.

23366 Rhododendron timeteum
Shrub 2-3 ft.; fl. lavender; alpine regions of Pei-ma shan southeast of Atuntze, 13,000 ft.

23367 Aribidiopsis himalaica Schulz
See No. 22761. Sd.coll.
Fl. yellow Alpine Meadow 12,000 ft.

23368 Lonicera cyanocarpa Franch.
See No. 22765. Sd.coll.

23369 Rhododendron levistratum
See No. 22767. Sd.coll.

23370 Meconopsis lancifolia Fr. var. solitariiflora Fedde
See No. 22768. Sd.coll.

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Rock Collections -- 23371
Mo-ting shan, east of Atuntze, contd.

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 Dcne.
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 leucochnoa Hand.-Mzt. vel aff. In fruit.
See No. 22790.

23388 Primula sinoplantaginea Balf.f. probably
See No. 22791. Sd.coll.

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Rock Collections -- 23389
Mo-ting shan, east of Atuntze, contd.

Coll. No.

23389 Primula ingens W.W.Sm. et Forrest
See No. 22792. Sd.coll.

23390 Sorbus oligodonta (Cardot) Hand.-Mazz.
See No. 22793. Sd.coll.

23391 Salix
See No. 22794. Sd.coll.

23392 Anemone sylvestris L. ?
See No. 22795. Sd.coll.

23393 / ~~Potentilla sibbaldi Hall. procumbens Linn.~~ Sibbaldia procumbens Linn.
See No. 22797. Sd.coll.

23394 Rhododendron levistratum
See No. 22798. Sd.coll.

23395 Meconopsis integrifolia (Maxim.) Fr.
See No. 22887. Sd.coll.

23396 ~~Mycosotis Hookeri var. ?~~ Chionocharis hookeri (Clarke) Johnst
See No. 22882. Sd.coll.

23397 Saussurea eriocephala Diels
See No. 22883. Sd.coll.

23398 Rhododendron muliense
See No. 22902. Sd.coll.

23399 Meconopsis horridula Hook.f. & Thoms.
See No. 22881. Sd.coll.

23400 Rhododendron cephalanthum
See No. 22901. Sd.coll.

23401 Rhododendron agganiphum aff.
See No. 22897. Sd.coll.

23402 Prenanthes umbrella (Franch.) Babc.
See No. 22888. Sd.coll.

23403 Gentiana
(not Bergenia purpurascens var. Delavayi Engl.) See No. 22873. Sd.coll.

23404 Larix Potaninii Batal.
See No. 22900. Sd.coll.

23405 Rhododendron agganiphum var. adenophyllum
See No. 22896. Sd.coll.

23406 Rhododendron dryophyllum
See No. 22895. Sd.coll.

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Rock Collections -- 23407
Mo-ting shan, east of Atuntze, contd.

Coll. No.

23407 Rhododendron (Fortunei Ser.)
Shrub 3-5 ft.; fl. ?; on Hung-po mountains; same location as No. 22856; Nov. 1932.

23408 Rhododendron caloxanthum
(not same as 22898) See No. 22898. Sd.coll.

23409 Meconopsis horridula Hook.f. & Thoms.
See No. 22894. Sd.coll.

23410 Meconopsis impedita Prain.
See No. 22880. Sd.coll.

23411 Pedicularis
See No. 22875. Sd.coll.

23412 (Liliac. plant)
See No. 23121. Bulblets coll.

23413 Sorbaria arborea Schneid.
See No. 23109. Sd.coll.

23414 Aster alpinus Linn. (sensu lat.)
(not Aster Delavayi Fr.) See No. 23102. Sd.coll.

23415 Saxifraga pallida Wall. var.
See No. 23129. Sd.coll.

23416 Meconopsis horridula Hook.f. & Thoms.
See No. 23096. Sd.coll.

23417 Mulgedium
See No. 23118. Sd.coll.

23418 Geranium
(not Geranium Delavayi) See No. 23119. Sd.coll.

23419 Cremanthodium rhodocephalum Diels
See No. 23110. Sd.coll.

23420 Chrysanthemum tatsienense Fr. (C. jugorum)
See No. 23112. Sd.coll.

23421 Delphinium yunnanense
See No. 23101. Sd.coll.

23422 Aster alpinus Linn. (sensu lat.)
(not Saussurea) See No. 23094. Sd.coll.

23423 Lychnis nigrescens Edgw.
See No. 23092. Sd.coll.

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Coll. No.

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 ~~Composite~~ Cremanthodium decaisnei Clarke
(not Tanacetum yunnanense Fr.)
See No. 23077.

23428 Potentilla macrosepala Cordot.
See No. 23123. Sd.coll.

23429 Potentilla ~~curvicosta Hook.f.~~ 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 ~~nobile (Franch.) 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 Labiate
See No. 23131. Sd.coll.

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Rock Collections --
Mo-ting shan, east of Atuntze, contd. 23442

Coll. No.

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. & Irmsch.
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 astragaloides 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.

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Mo-ting shan, east of Atuntze, contd. 23460

Coll. No.

23460 Cremanthodium Forrestii J.F.Jeffrey v. dentatum var. nov.
See No. 23070. Sd.coll.

23461 Salix
See No. 23078. Sd.coll.

23462 Saxifraga nigroglandulosa Engl. & Irm.
(not Saxifraga melanocentra Fr.)
See No. 23076. Sd.coll.

23463 Meconopsis impedita Prain
See No. 23055. Sd.coll.

23464 Geranium ~~recurvicaule Franch.~~ melanandrum Fr.
See No. 23052. Sd.coll.

23465 Epilobium himalayense Haussk.
(not Corydalis delphinioides)
See No. 23054. Sd.coll.

23466 Geranium melanandrum Fr. E. D. M. ?
(not Geranium Delavayi Fr.)
See No. 23051. Sd.coll.

23467 Rhododendron achroanthum
See No. 23079. Sd.coll.

23468 Sorbus oligodonta (Cardot) Hand.-Mazz.
See No. 23065. Sd.coll.

23469 Erigeron
See No. 23061. Sd.coll.

23470 Anemone ~~vitifolia (or near)~~ japonica S. & Z.
See No. 23062. Sd.coll.

23471 Lactuca Henryi Dunn.
(not Lactuca graciliflora DC.)
See No. 23057. Sd.coll.

23472 Crepis paleacea Diels
See No. 23060. Sd.coll.

23473 Acer Campbellii Hook.f. & Th. var. yunnanense Rehd.
See No. 23063. Sd.coll.

23474 Undetermined, probably new -A. Rehder. (Euptelea pterosperma Det. H.L.Mason ?)
See No. 23064. Sd.coll.

23475 Lilium Willmottiae
See No. 23049. Sd.coll.

23476 Tanacetum yunnanense Fr.
See No. 23077. Sd.coll.

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Number

23477	Rhododendron chasmanthum See No. 23039	Sd. coll.
23478	Holboellia Fargesii Reaub. See No. 23038	Sd. coll.
23479	Vaccinium viburnoides Rehd. & Wils. (V.oerotrephes W. W. Sm.) See No. 23035	Sd. coll.
23480	Rhododendron crinigerum See No. 23034	Sd. coll.
23481	Rhododendron . (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 otodonta Franch. aff. 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 eclecteum var. brachyandrum See no. 23021	Sd. coll.
23495	Rhododendron floccigerum See no. 23020	Sd. coll.

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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 [illegible].
See No. 23016 Sd. coll.

23500 Sorbus oligodonta (Cardot) Hand.-Mazz.
See No. 23015 Sd. coll.

gentilis Fr.

23501 Gentiana [illegible] Fl. purple; on slopes in pine forest; 10,000 ft.; Mekong above Tsekan. Oct. 1932

23502 Berneuxia ~~thibetica~~ 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 triochocladum
See No. 23002 Sd. coll.

23514 Rhododendron desquamatum
See No. 23002 Sd. coll.

Digitized by the Hunt Institute for Botanical Documentation

Number

23515 Rhododendron sp.? (Selense-Thomsonii(not Rhododendron Series) pagophilum)
See No. 22999 Sd. coll.

23516 Rhododendron eclecteum
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- Picrorhiza?
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 cuneifolia Hook.f.
See No. 22931 Sd. coll.

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Number		
23533	~~(Cruciferae.)~~ 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 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.

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RockCollections -- 23551
Mo-ting shan. Contd.

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

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Number

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

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Number		
23587	Rhododendron coryphaeum See No. 22908 A	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	~~Corydalis sp.?~~ Aconitum rotundifolium K. & K. See No. 23170	Sd. coll.
23596	Primula muscariodes Hemsl. See No. 23238	Sd. coll.
23597	Meconpsis horridula Hook.f. & Thoms. See No. 23216	Sd. coll.
23598	Pedicularis ~~sp.?~~ 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.

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Number

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

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Number		
23622	Rhododendron haemaleum See No. 23191	Sd. coll.
23623	Clematis limpritchii Wils. 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.?-(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 eclecteum 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.

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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.

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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.~~ veitchii Wils.
See No. 23190 Sd. coll.

23666 Rhododendron heliolepis
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.

23670 Nomocharis sp.? (Not Nomocharis pardanthina Fr.)
See No. 23213 Sd. coll.

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 Fl. purplish pink; in alpine meadow 14,000 ft.

23672 Primula/ sp.?- yargongensis Petitm. Fl. purplish red; in alpine meadow; 14,000 ft.

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Number

23673 Geranium donianum Sweet
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 corrdatula
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 spp.? 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.

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Number

23689 Senecio 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.

23695 Primula ~~sp.?~~ yargongensis Petitm.
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.

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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.? Fl. red; on grassy slopes; 11,500 ft.

23709 Tremacron Forrestii Craib.
(24273) Fr. Herb; fl. pale yellow; on boulders; in 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 pentaphyllum Diels
~~sp. ? nov. ?~~/ Shrub or tree 20 ft.; in forests; 11,000 ft.

23717 ~~Climber~~ Cyanchum forrestii Schltr ? (not on list)
Fl. purple; in forests; 11,000 ft.

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23718 ~~Herb~~ Cyanchum forrestii Schltr
Fl. red; in meadows; 10,000 ft.

23719 ~~Orchid-spr?-~~ 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
Shrub 5-6 ft.; fl. white; lower slopes; 10,000 ft.

Bletilla ochracea Schltr?
23724 ~~Orchid-~~/
(Fr.24290) Fl. orange red; in forests in moss; 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 ~~spr?-~~ florida Balf.f. et Forrest
Fl. pale purple; in spruce forest; 11,500 ft.

23727 Tilia ~~spr?-~~ chinensis Maxim.
Tree 15-20 ft.; fl. white; in gulches; 11,000 ft.

pagonandra Maxim.
23728 Clematis ~~spr?-~~ 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.

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

Number

23733 Bletilla hyacinthina Rchb. 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-purplish; 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 daaoensis K. Mey? - Merrill determination
23738 Berberis diaphana Maxim. - Ames determination
(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.

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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 ~~Lilium 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.

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Rock Collections -- 23758
Collected in Muli Territory at Dzampe Sheren west of Muato Gomba, 13,000-14,000 ft. - Eastern Muli.

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; Sd. coll.

23761 Iris nepalensis 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.

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Rock Collections -- Muli territory at Dzampe Sheren west of Wuato Gomba — Contd. — 23771

Number

23771 (Fr. 24335) Iris Delavayi Mich. Fl. dark purple; in alpine meadows 13,000 ft. Sd. coll.

23772 (Fr. 24336) Rhododendron telmateium 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 (Fr. 24345) Meconopsis horridula Hook.f. & Thoms. 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 (Fr. 24312) Primula Prattii Hemsl. Fl. yellow; dry clay slopes, back of Wuato Gomba 13,000 ft. Sd. coll.

23779 ~~Anemone sp.?~~ Adonis brevistyla Fr. Fl. white; in spruce forest; 11,000 ft.

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

23780 (Fr. 24353) Salvia flava Forrest 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.

23783 Rhododendron ~~sp.?~~ radinum Shrub 1-3 ft.; fl. white; alpine reg. 12,500 ft.

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Rock Collections -- 23784
Collected south of Dzampe Sheren in Sagi Valley, June-July 1932. 13,000 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.?- delavayi Mich.
Fl. dark purple; alpine meadows; 13,000 ft.

23793 Phlomis
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.?-- 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.

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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.

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.

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Rock Collections -- 23810
Collected on Mt. Siga west and overlooking the Yalung River north of Karadi; 14,000-15,000 ft. May 1932

Number

23810 Rhododendron Balfourianum var. agganiphoides (Fr. 24406) Shrub 5-6 ft.; fl. pink; alpine reg. 14,000 ft. Sd. coll.

23811 Rhododendron Balfourianum var. agganiphoides (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.?~~ 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.?~~ demissa Hk. f. & Th. Fl. white; alpine meadows; 12,500 ft.

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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 Sd. coll.

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 Hariot.
(Fr. 24405) Shrub 4-5 ft; fl. white; forested slope
11,000 ft. Sd. coll.

Digitized by the Hunt Institute for Botanical Documentation

Number

23844 (Fr. 24386) Cotoneaster Dielsiana E. Pritz.
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 (Fr. 24392) Berberis parvifolia Sprague - Ames determination
Shrub 1 ft.; fl. yellow, open scrub 11,000 ft.

23851 (Fr.24404) Rhododendron timeteum
Shrub 4-5 ft.; fl. pink; forests 13,000 ft. Sd. coll.

23852 ~~Herb~~ -- Roscoea cautéleoides Gagnep
Fl. yellow; alpine meadows 12,000 ft.

23853 Rhododendron sp.?- muliense
Shrub 2-3 ft.; fl. yellow; alpine meadows 13,500 ft.

23854 (Fr. 24384) Rhododendron aff. impeditum
Shrub 2-3 ft.; fl. pink; alpine meadows 13,500 ft. Sd. coll.

23855 (Fr. 24111) Calophaca polystichoides Hand.-Mazz.
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 ~~Cruciferae~~ Braya forrestii WWSm.
Fl. pink; alpine scree 15,000 ft.

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Number

23859 ~~Cruciferae~~ 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 patulus Ait.
(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.

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Rock Collections -- 23874
Mt. Siga, west and overlooking the Yalung, contd.

Number

23874 ~~Engelhardtia~~ Quercus cocciferoides Hand.-Mazz.
Shrub 10-12 ft.; fl. yellowish green, lower slopes of Mt. Siga, 10,000 ft.

23875 (Fr.24387) Primula Poissonii Franch. subsp. Wilsonii Dunn.
Fl. pink; alpine meadows 12,500 ft. Sd. coll.

23876 ~~Allium sp.?~~ Lloydia oxycarpa Fr.
Fl. yellow; grassy slopes 12,500 ft.

23877 (24400) Xolisma ovalifolia (Wall.) var. lanceolata (Wall.) Rehd.
Shrub 5 ft.; fl. white; alpine reg. 12,500 ft. Sd. coll.

23878 (Fr. 24389 Cotoneaster buxifolia Wall.var.vellaea Franch.
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 (Fr. 24422) Primula Rockii W.W.Sm.
Fl. dark yellow; covering walls of rock in Yetsi Valley 11,000 ft. Sd. coll.

23880 (Fr. 24437) Primula leucochnoa Hand.-Mzt.
Fl..purplish blue; alpine meadows 11,500 ft. sd. coll.

23881 (Fr. 24441) Omaphalogramma vinciflorum Franch.
Fl. large deep indigo blue; alpine meadows 12,000 ft. Sd. coll.

23882 (Fr. 24438) Primula leucochnoa Hand.-Mzt.
Fl. purplish; alpine meadows 12,000 ft. Sd. coll.

23883 (Fr. 24427) Malus baccata Borkh. var. himalaica Schneid.
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 (Fr. 24428) Aquilegia ~~oxysepala Trautv. & Mey.~~ flabellata S. & Z.
Fl. purplish red; among trees Yetsi Valley 10,000 ft. Sd. coll.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections -- 23886
Collected in the mountains of Yetsi, north of Kulu, May 1932, Muli Territory

Number

23886 Primula leucochnoa Hand. Mzt.
(Fr. 24436) Fl. purplish blue; among trees Yetsi Valley 10,000 ft. Sd. coll.

23887 Rhododendron spp.-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 spp? vinciflorum Franch.
Fl. deep indigo blue; alpine meadows 12,500 ft.

23894 Euonymus spp.- 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.

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

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 ~~Ericac-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.-Mzt. 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. 24424) 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 ~~Cruciferae~~ Cardamine microzygia Schuls (an C. prattii Hemsl.?)
Fl. white; alpine meadow 12,000 ft.

23913 Caltha ~~sp.?~~ - scaposa Hk. f. & Th. var.
Fl. yellow; alpine meadow 12,000 ft.

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

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.

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 ~~Nynotia 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 impeditum
(Fr. 24460) Shrub 1-2 ft.; fl. dark blue; alpine meadows 13,500 ft. Sd. coll.

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

Number

23927 Androsace sp.?
Fl. pink; on rocks, alpine meadows 13,500 ft.

23928 Primula ~~spp.~~--amethystina Franch. subsp. brevifolia Forrest
Fl. purplish blue; alpine meadows 14,500 ft.

23929 Clematis ~~montana?~~- graciliforia 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.) Koehne
(Fr. 24448) Shrub 8-10 ft.; fl. white; fir forest 13,000 ft. Sd. coll.

23933 Rhododendron (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 spp.?~~- Paraquilegia microphylla Drumm. & Hutch.
Fl. pale lavender; cliffs and crags 13,500 ft.

23940 Orchis chusana Don
Fl. purple; fir forests in moss 13,000 ft.

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Rock Collections --
Collected in the mountains of Kulu, Muli Territory elev. 13,000 ft. S. W. Szechuan 23941 contd.

Number

23941 Potentilla fruticosa Linn. et vars
Fl. deep yellow; alpine reg. 13,500 ft.

23942 Morina sp.
Fl. purple; alpine reg. 13,500 ft.

23943 Pedicularis ~~sp.~~ siphonantha Don
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.?~~ Astralagus 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 cracoifolia Fritsch.~~ Bergenia purpurascens var. delavayi Engl. E. D.M
(Fr. 24455) Fl. purplish red; alpine meadows 15,000 ft. Sd. coll.

23955 Anemone ~~sp.?~~ trullifolia var. coelestis F. & G.
Fl. white; alpine meadows 15,000 ft.

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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.?- leucochnoa 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.

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

Number

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.

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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 ~~Oreocharis 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. Sd. coll.

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.

23991 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.

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Rock Collections -- 23995
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 15,000 ft.

23996 Cotoneaster adpressa Bois. (Fr. 24554)
Prostrate shrub on boulders 14,500 ft. Sd. coll.

23997 Eriophyton wallichianum (Fr. 24532)
Fl. pink under white-pink bracts; in scree at 15,000 ft. Sd. coll.

23998 Pedicularis rupicola Fr. (Fr. 24527)
Fl. purple; alpine meadows 14,000 ft. Sd. coll.

23999 Aconitum rotundifolium Maxim. var. tanguticum K.&.K. (Fr. 24530)
Fl. blue; alpine meadows 14,000 ft. Sd. coll.

24000 Cremanthodium descainii Clarke (Fr. 24528)
Fl. yellow; alpine meadows wet gravel 14,500 ft. Sd. coll.

24001 Nepeta (Fr. 24529)
Fl. blue; alpine meadows wet gravel 14,500 ft. Sd. coll.

24002 Corydalis hemidicentral H.-M.
Fl. purplish red; alpine meadows wet gravel 14,500 ft.

24003 Rhododendron sp.? Przewalskii
Shrub 5-6 ft.; alpine region 13,500 ft.

24004 Rhododendron sp.? - Selense-Thomsonii
Shrub 5-6 ft.; fl. white; alpine region 13,500 ft.

24005 Primula Wardii
Fl. pink; alpine meadows 12,500 ft.

24006 Rhododendron sp.? - phaeochrysum
Tree 10-15 ft.; alpine region 14,000 ft.

24007 Hydrangea sp.? xanthoneura Diels var. setchuenensis (Rehd.) Rehd.
Shrub 6-8 ft.; in mixed forest 11,500 ft.

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Rock Collections --
Mt. Mitzuga, Muli territory, elev. 14,500-15,000 ft. 24008

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 decumbena 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 ~~Caltha 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.

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Rock Collections --
Mt. Mitzuga, Muli territory, elev. 14,000-15,000 ft. 24021

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 Sd. coll.
13,000 ft.

24028 Lonicera ~~sp.?~~ lanceolata Wall.
Shrub 6-8 ft.; alpine meadows
13,000 ft.

24029 Caltha ~~sp.?~~ scaposa Hk. f. & Th. and var.
Fl. yellow; alpine meadows
13,500 ft.

24030 Primula ~~sp.?~~ 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.?~~ Anemone rupestris Wall.
Fl. yellow; water courses
11,000 ft.

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Rock Collections --
Mt. Mitzuga, Muli territory, elev. 14,000-15,000 ft. 24034

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-Royle~~ 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) Scneid.
(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.

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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.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections -- 24059
Collected on Kaushu shan on trail to Leirong, southwest Muli, May-June-July.

Number

24059 Primula ~~sp.?~~ sikkimensis Hook. Alpine form
Alpine meadows 13,500 ft.

24060 Megacarpaea Delavayi
Fl. pink; alpine meadows 13,000 ft.

24061 (Fr. 24476) Primula conica Balf. f. et Forrest
Fl. blue; alpine meadows 13,000 ft. Sd. coll.

24062 (Fr. 24481) Rhododendron sphaeroblastum
Shrub 4-6 ft.; fl. white; alpine region 13,500 ft. Sd. coll.

24063 (Fr. 24488) Daphne retusa Hemsl.
Fl. pink; shrub 1-1 and 1/2 ft.; fir forest 12,500 ft. Sd. coll.

24064 ~~Cruciferae~~ Eutrema lancifolium Schulz
Fl. white; alpine meadows 13,000 ft.

24065 ~~Leg. sp. 2~~ Oxytropis yunnanensis Fr.
Fl. blue; alpine meadows 13,000 ft.

24066 (Fr. 24503) Rhododendron aischropeplum
Shrub 2 ft.; fl. white; 13,500 ft. Sd. coll.

24067 (Fr. 24489) Rhododendron cephalanthoides
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 (Fr. 24504) Cremanthodium campanulatum (Franch.) Diels
Fl. deep purple; alpine meadows 13,000 ft. Sd. coll.

24071 ~~Salvia sp. ?~~ Nepeta wilsonii Diels
Fl. purple; alpine meadows 13,000 ft.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections -- 24072
Collected on Kaushu shan on trail to Leirong, southwest Muli. May-June-July.

Number

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. labriloba~~ 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.

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Rock Collections --
Kaushu shan on trail to Leirong, southwest Muli. conts.

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 Magmoliac.
Vine; fl. red; in fir forests; 12,500 ft.

24093 Primula sp.?- vittata Franch.
(Fr. 24490) Fl. purple; in alpine meadows; 13,000 ft. forma

24094 Prenanthes radiciflora 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 ~~Myosotis sp.?~~ Microula forrestii (Diels) Johnst.
Fl. blue; in forests; 12,000 ft.

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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.? davidii Fr.
Fl. white and purple; forests;
12,500 ft.

24103 Trollius patulus Ait. var. yunnanensis Franch.
(Fr. 24507) Fl. yellow; alpine meadow,
12,500 ft. Sd. coll.

24104 Geranium platypetalum Franch. melandrum Fr.
(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 Gnaphalium 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.

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Number

24113 Morina ~~sp.?~~ betonicoides 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 ~~Labiate~~ 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 Dipthanthus 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 Dcne var. undulata(Dcne.) Rehd.& Wils.
(Fr. 24568) Tree 8-10 ft.; fl. white; along streams 9,800 ft. Sd. coll.

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Rock Collections --
Mts. of Muli between Muli and Kulu, May-July 1932 contd.

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 spr?- radinum
Shrub 2 ft.; fl. rose; in pine forest; 10,000 ft.

Hand. -Maz
24129 ~~Malvac.-plant~~ Abutilon avicennae, det. Rehd. sed A. paniculatum/
3 ft.; fl. yellowish red; Muli 9,600 ft.

24130 Cotoneaster hebephylla 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
Muli slopes, 9,000 ft.

24136 Bauhinia spr 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.

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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 ~~pullum~~ cantoniense (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.

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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.

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.?~~- Beesiana 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")

Digitized by the Hunt Institute for Botanical Documentation

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.

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Rock Collections --
Mt. Gibboh, S.W. Szechuan, near Yunnan border. Cont'd.

Number

24175 Primula Vialii 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.

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Rock Collections --
Mt. Gibboh, S. W. Szechuan, near Yunnan border. Contd. 24188

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 (Fr. 24597) Cremanthodium suave W.W.Sm.
Fl. yellow; alpine meadows; 13,500 ft. Sd. coll.

24192 Allium sp.?- victorialis Linn.
Fl. purple; alpine meadows; 13,500 ft.

24193 Aconitum kusnezoffii Rohb.
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.? lineqrifolium H. -M.
Meadows; 11,000 ft.

24198 Aconitum sp.?- rotundifolium K.&K.
Fl. purplish blue; in fir forests; 12,500 ft.

24199 Potentilla sp.?- eriocarpoides Krause
Fl. yellow; on boulders; 14,000 ft.

Digitized by the Hunt Institute for Botanical Documentation

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

24200 ~~Compositæ~~ Saussurea delavayi Fr.
Fl. purple; among rocks and scree; 14,000 ft.

24201 (Fr. 24598) Cimcifuga foetida L. probably
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 (Fr. 24602) Rhododendron yunnanense
Shrub 2-3 ft.; fl. pink; in pine forest under-growth; 10,000 ft. Sd. coll.

24207 Gentiana albescens Fr.
Herb; fl. blue; in meadows; 10,000 ft.

24208 (Fr. 24600) Rosa omeiensis Rolfe
Shrub 2-3 ft.; fl. white; in pine forests; 10,000 ft. Sd. coll.

24209 (Fr. 24209) Senecio dictyoneurus Fr.?
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.

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Rock Collections --
Yunnan district of Yung-ning on Wuaha mountains. contd.

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 orbesbia 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.

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Number

24226 Pedicularis ~~sp.?~~ integrifolia Hk. f.
Fl. purple; in alpine meadows; 13,500 ft.

24227 Saussurea ~~sp.?~~ leucoma Diels
Fl. purple; in scree; alpine region; 15,000 ft.

24228 Clematis ~~sp.?~~ 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.?~~ 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 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.?~~ setifera Franch.
Shrub 2 ft.; fl. pink; April 1932; in mixed forests; 10,000 ft.

24238 Aristolochia ~~sp.?~~ yunnanensis Fr.
Climber; fl. purple; in mixed forest; 10,000 ft.

24239 Campanula ~~sp.?~~ crenulatum Diel.
Fl. blue; July 1932; alpine meadows; 12,500-13,000 ft.

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

Number

24240 ~~Herb~~- Arenaria yunnanensis var. trichophyor Fr.
Fl. white; among rocks and scree; 13,500 ft.

24241 (Fr. 24606) Gentiana trichotoma Kusnezow
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 (Fr. 24599) Rhododendron desquamatum
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.

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Number

24252 ~~Populus sp.?~~ Populus Bonatii Levl.
Tree-15-25-ft.; in forest western slopes of Wuaha; 11,500 ft.

24253 ~~Composite sp.?~~ Nouelia 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 ~~heliolepis forma~~ rubiginosum
Fl. purple; spruce forest 11,500 ft.

24258 (Fr. 24604) Rhododendron niphargum
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. sinicum 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.

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Number

24263 Prunus sp.?- pleiocerasus Koehne
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.

Collected on Muti Konka east of Yalung, September 1932.

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

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Rock Collections -- 24274
Collected on Muti Konka east of Yalung, September 1932.
Contd.

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

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Number

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

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

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections -- Dzampe 24324
Collected on Muli Territory at/Sheren, west of Wuato Gomba, 13,000-14,000 ft. Sept.-Oct. 1932.

Number

24324 Iris polystachya Diels (not Iris nepolensis Don. aff.)
See no. 23761 Sd. coll.

24325 Rhododendron sphaeroblastum
Tree 5-8 ft.; fl.?; mountains of Dzampe sheren; 12,500 ft. Sd. coll.

24326 Primula rupicola Balf. f. et Forrest
See no. 23764 Sd. coll.

24327 Primula muliensis Hand.-Mzt.
See no. 23753 Sd. coll.

24328 Carangana jubata (Pall.) Poir.
See no. 23762 Sd. coll.

24329 Pedicularis ~~spr?~~ mahoangensis Bonati
See no. 23763 Sd. coll.

24330 Cremanthodium ~~calotum Diels~~ nobile Fr.
See no. 23754 Sd. coll.

24331 Iris polystachya Diels
See no. 23768 Sd. coll.

24332 Veronica (not Veronica ciliata Fisch.)
See no. 23759 Sd. coll.

24333 Pedicularis sp.? lachnoglossa var. macrantha Bonati
See no. 23758 Sd. coll.
in fruit cf. P.

24334 Primula sp./ szechuanica (Not -- 23770)
~~See no. 23770?~~ Sd. coll.

24335 Iris Delavayi Mich.
See no. 23771 Sd. coll.

24336 Rhododendron telmateium
See no. 23772 Sd. coll.

24337 Hydrangea xanthoneura Diels var. setchuenensis (Rehd.)
Shrub 5-6 ft.-10 ft.; mountains of Dzampe sheren; 10,000 ft. Sd. coll.

24338 Sibiraea laevigata (L.) Maxim. var. angustata Rehd.
See no. 23760 Sd. coll.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections -- Collected on Muli Territory at Dzampe Sheren, west of Wuato Gomba, 13,000-14,000 ft. Sept.-Oct. 1932. Cont'd. 24339

Number

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

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Rock Collections --
Collected south of Dzampe Sheren in Sagi valley. 24352
Sept.-Oct. 1932

Number

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

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Number

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	~~Compositæ~~ Cramanthodium 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.

Collected on Siga Shan (Mt. Siga)

24377	~~Lilium-lophophorum~~ 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.

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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.

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Rock Collections --
Collected on Siga shan (Mt. Siga). Contd.

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 See No. 23877 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.

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Rock Collections -- 24415
Collected on mountains of Yetsi, North of Kulu, Muli Territory, Sept-Oct. 1932

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

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Number

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

Collected mountains of Kulu, October 1932.

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

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

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Number

24454 Cremanthodium ~~nebile-(Franch.)-Diels-~~ prattii Hemsl. ?
See No. 23944 Sd. coll.

24455 ~~Saxifraga-crassifolia-Fritsch.~~-- Silene chungitiensis WWWSm.
See No. 23954 Sd. coll.

24456 Lonicera mitis Rehd.
See No. 23970 Sd. coll.

24457 Rhododendron sigillatum
Tree 6-8 ft.; fl. white; alpine region of Kulu; 13,500 ft. Sd. coll.

24458 Rhododendron ~~sp.?~~ (Fortunei Series)
See No. 23922? Sd. coll.

24459 Rhododendron helvolum
See No. 23968? Sd. coll.

24460 Rhododendron impeditum
See No. 23926 Sd. coll.

24461 Rhododendron sigillatum
See No. 23974 Sd. coll.

24462 Meconopsis integrifolia (Maxim.) Fr.
See No. 23960 Sd. coll.

24463 Primula szechuanica Pax
See No. 23959 Sd. coll.

24464 Rhododendron ~~sp.?~~ (Lapponicum Series)
Shrub 2 ft.; fl.? alpine region grassy slopes of Kulu mountains; 13,000 ft. Sd. coll.

24465 Primula conica
See No. 23938 Sd. coll.

24466 Lonicera szechuanica Batal?
Shrub 3-4 ft.; fl.? fruits red to orange red; in fir forest; 13,000 ft., Kulu. Sd. coll.

24467 Hippophäe rhamnoides L.
Shrub 6-10 ft.; along streams 12,000 ft. Sd. coll.

24468 Silene otadanta Franch.
Fl. ? alpine meadows 12,500 ft., Kulu. Sd. coll.

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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.

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~~ purdomii Evans See No. 24081	Sd. coll.
24483	Acer Davidi Franch. Tree 25 ft.; in mixed forest with firs, spruces 12,500 ft.	Sd. coll.

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Number		
24484	Nothoscordum Herb; in moss in fir forest	Sd. coll.
24485	Phlomis rotata Linn. See No. 24080	Sd. coll.
24486	Geranium ~~pleiopetalum 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. 24088	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 Hook.f.~~ Sibbaldia procumbens Linn. See No. 24120	Sd. coll.

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Rock Collections --
Kaushu shan, Leilung (Leirong) Contd.

Number

24501 Rhododendron pronum
See No. 24078 Sd. coll.

24502 Prenanthes radiciflora Babc.
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 Don var. yunnanensis Franch.~~ - patulus Ait.
See No. 24103 Sd. coll.

24508 Rosa gracilifiora Rehd. & Wils.
See No. 24090 Sd. coll.

24509 Senecio
Fl.?; alpine meadows; 12,500 ft.
Leilung mountains Sd. coll.

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.

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Rock Collections --
Collected west of Mt. Mitzuga, Muli, Oct. 1932 Contd. 24518

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 ~~spec.~~ scolopax Max? See No. 23998	Sd. coll.
24528	Cremanthodium ~~decaisnii-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.

Digitized by the Hunt Institute for Botanical Documentation

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

Digitized by the Hunt Institute for Botanical Documentation

Number

24551 Androsace spinulifera
See No. 24048 Sd. coll.

24552 Scutellaria Rehderiana Diels
See No. 24052 Sd. coll.

24553 Sorbus Prattii Koehne var. tatsienensis (Koehne) Schneid.
See No. 24041 Sd. coll.

24554 Cotoneaster adpressa Bois.
See No. 23996 Sd. coll.

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

24555 Celtis Bungeana Bl.
20 ft.; in valleys, debouching into Litang River; 8,000 ft. Sd. coll.

24556 Ilex dipyrena Wall.
Shrub 6-8 ft.; Litang River; 8,000 ft. Same locality descr. as 24555 Sd. coll.

24557 Rosa omiensis Rolfe f. pteracantha Rehd. & Wils.
See No. 24127 Sd. coll.

24558 Hemerocallis sp.?
See No. 24146 Sd. coll.

24559 Lonicera tangutica Maxim.
See No. 24125 Sd. coll.

24560 Cotoneaster hebephylla Diels.
See No. 24130 Sd. coll.

24561 Rosa Soulieana Crep.
See No. 24138 Sd. coll.

24562 Alangium chinense (Lour.) Rehd.
See No. 24149 Sd. coll.

24563 Vaccinium fragile Franch. (Not Lonicera)
See No. 24145 (Package very little Sd.) Sd. coll.

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

24564

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

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Number

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

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Number

24596 Codonopsis sp.?
See No. 24168 Sd. coll.

24597 Cremanthodium ~~sucro-W.W.Sm.~~ lineare Max.
See No. 24191 Sd. coll

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.

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

24607 (Fr. 25243) Primula chionantha Balf.f. et Forrest vel. aff.
Fl. pale blue; alpine meadows; 13,500 ft. Sd. coll.

24608 (Fr. 25248) Meconopsis horridula Hook.f. & Thoms.
Fl. purple; in scree at 14,500 ft. Sd. coll.

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

Number

24609 Rhododendron desquamatum (Fr. 25247) Fl. purplish pink; in spruce 12,000 ft. forest shrub 8-12 ft. Sd. coll.

24610 Morina ~~sp.? (Bulleana?)~~ 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 pulchara 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.

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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 kansuense Batal.
Shrub 2 ft.; fl. pink; in spruce forest; 11,000 ft.

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 ~~Compositae~~- 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.

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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 cirrhosa Don.
Fl. purplish blue, glaucous; in
alpine meadows; 13,000 ft.

24641 Omaphalogramma
(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.?- paludsosum aff.
Shrub 3-4 ft.; fl. blue; alpine
meadows; 13,500 ft.

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Number

24646 (Fr. 25252) Rhododendron Traillianum
Tree 15-20 ft.; fl. pink; in fir forest; 12,500 ft. Sd. coll.

24647 (Fr. 25256) Primula chionantha Balf.f. et Forrest vel. aff.
Fl. white; alpine meadows 13,500 ft. Sd. coll.

24648 (Fr. 25270) Larix Potaninii Batal.
Tree 30-40 ft.; alpine reg.; 15,000 ft. Sd. coll.

24649 Allium spp.- govanianum Wall.
Fl. white; alpine meadows; 13,500 ft.

24650 Rhododendron spp.- 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 (Fr. 25251) Rhododendron niphargum
Tree 30-35 ft. tall; trunk 2 ft. in diam.; fl. pink; in fir and spruce forest; 11,500 ft. Sd. coll.

24654 Rhododendron spp.-vernicosum
Tree 10-15 ft.; fl. white; in fir and spruce forest; 11,500 ft.

24655 (Fr. 25254) Primula amethystina Franch. subsp. brevifolia Forrest
Fl. dark blue; alpine meadows; 13,500 ft. Sd. coll.

24656 (Fr. 25260) Rhododendron rhailbocarpum
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.

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Rock Collections --
Hsiao Chung-tien, N.W. Yunnan. Contd.

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.?
Fl. white; in alpine meadows;
13,000 ft.

24665 Herb
Fl. white; in water courses;
alpine meadows 13,000 ft.

24666 Anemone ~~sp.?~~- obtusiloba Don.
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.

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Rock Collections --
Chung-tien alpine meadows north of Chung-tien in Ronwa territory, April-May, Aug-Sept. 1932

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. farrere 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.? 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 Fraximus sp.? Paxiana Lingelsh. var. sikkimensis Lingelsh.
Tree 25-30 ft.; fl. yellow in Valleys 8,000 ft.; Yundo Jyi stream.

24681 Itea yunnanensis Franch.
Prostrate shrub; 10 ft. or more; fl. yellow; over boulders; valleys 8,000 ft.

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Rock Collections --
Chung-tien alpine meadows north of Chung-tien in Tonwa territory, April-May, Aug-Sept. 1932 Cont'd.

Number

24682 Senecio sp.?
Fl. yellow; meadows and water courses; 10,000 ft.

24683 Desmodium ~~sp.?~~-- esquirolii Lev. (D. franchetii Rehd., D. cinerascens Fr.)
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)
(Fr. 25280) Fl. (rosaceous) dark red; in meadows; 11,000 ft. Sd. coll.

24686 Rhododendron sinolepidotum
(Fr. 25278) Shrub 1 ft.; fl. red; with oak scrub; 11,000 ft. Sd. coll.

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~~ Ceropegia 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.

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Rock Collections --
Chung-tien alpine meadows in Tonwa territory. Cont. 24694

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.?- hippophaecides
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 Jasminum humile L.
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.

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Number

24707 ~~Tree~~--Prunus brachypoda Batal.
40-60 ft.; fl. white; in pine and oak forest; 11,000 ft. (Tree)

24708 Iris sp.?
Fl. pale yellow; in meadows; 11,500 ft.

24709 Rhododendron ~~sp.?~~ radinum
Shrub 2-3 ft.; fl. white; in pine forest; 10,500 ft.

24710 Quercus ~~sp.?~~ spinosa David var. ?
Shrub 4 ft.; in open oak scrub and pine forests; 11,000 ft.

24711 Lonicera ~~sp.?~~ lanceolata Wall.
Shrub 6-8 ft.; fl. red; in spruce forest 12,000 ft.

24712 ~~Araliacea~~ 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. (shrub)

24714 ~~Shrub~~ Pittosporum heterophyllum Franch.
6-8 ft.; fl. yellow; in oak forests; 11,000 ft.

24715 Acer ~~sp.?~~ Forrestii Diels
Tree 50 ft.; fl. yellow in mixed forests; 11,000 ft.

24716 (Fr. 25282) Enkianthus deflexus (Griff.) Schneid.
Shrub 8-10 ft.; fl. pink; in oak forest; 11,000 ft. Sd. coll.

24717 (Fr. 25281) Paeonia Lutea Franch.
4 ft. tall; fl. yellow; in forests; 11,500 ft. Sd. coll.

24718 ~~Euonymus sp.?~~ 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 Yündozyi valley; 9,500-10,000 ft.

Digitized by the Hunt Institute for Botanical Documentation

Number

24720 Salix sp.? Delavayana Hand.-Mazz.
Prostrate shrub; fl. yellow; in gravel and rocks; 11,500 ft.

24721 Salix sp.? Bergsii-purpurascens var. Delavayi Gmel.
Shrub 10 ft.; in spruce and fir forest 12,000 ft.

24722 Primula chungensis Ward
(Fr. 25276) Fl. orange; in canebreke, 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 ~~luminifera 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.) Borkh. var. himalaica (Maxim.) Schneid.
(Fr. 25284) Tree 30 ft.; fl. white; on Chung-tien plain along streams; 11,500 ft. Sd. coll.

24731 ~~Trag~~ Prunus pubigera (Schneid.)
30-40 ft.; fl. white; in oak forest; 11,000 ft.

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Rock Collections --
Collected on Haba shan north of Yangtze loop third peak of Likiang snowrange Bardar.

Number

24732 Salix sp.? delavayana H.-M.
Shrub 10 ft.; in fir forest 12,500 ft.

24733 Saxifragaceae Bergenia purpurascens var. delavayi Engl.
Among rocks; fl. red; 13,000 ft.

24734 (Fr. 25308) Rhododendron adenogynum
Shrub 5 ft.; fl. white-pink; alpine region 13,500 ft. Sd. coll.

24735 (Fr. 25304) Diapensia purpurea Diels
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.? clacicola WWsm.
Fl. bluish red; alpine meadows in scree and gravel 14,000 ft.

24742 (Fr. 25314) Rhododendron agglutinatum
Tree 10-15 ft.; fl. pink; fir forest; 13,000 ft. Sd. coll.

24743 Pedicularis sp.?- delavayi Fr.
Fl. purplish red; alpine meadow; 13,500 ft.

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Rock Collections --
Haba shan north of Yangtze loop third peak of Likiang snowrange, Bardar. Contd.

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.?- vinciflorum Franch.
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 ~~Cushion plant~~ Arenaria kensuensis Max
Fl. white on boulders; 15,000 ft.

24752 ~~Compositae~~ Senecio clivorum 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.

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Rock Collections -- 24756
Haba shan north of Yangtze loop third peak of Likiang snowrange, Bardar.

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 Fr. - Det. Ames
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.?- Buch.-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.

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Rock Collections -- Haba shan north of Yangtze loop third peak of Likiang snowrange, Bardar. Contd. 24769

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 Giraldii 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 WWSm. 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-- 24790
Collected in the Chung-tien district on Haba ndsher nvlu, a snow peak north of the Yangtze loop.

Number

24790 Primula ~~sp.?~~-bella Franch.
Fl. blue; on boulders; alpine region; 14,500 ft.

24791 ~~Compesite;~~ Senecio chrysanthemoides DC
Fl. yellow; forest meadows; 12,500 ft.

24792 Aster sp.?
Fl. blue; forest meadows; 12,500 ft.

24793 Anemone ~~sp.?~~ trullifolia var coelestis F. & G.
Fl. white; alpine meadows; 14,500 ft.

24794 Rhododendron ~~sp.?~~-- Roxieanum - Taliense
Shrub 3 ft., spreading stiff; fl.? rocky alpine region; 14,000 ft.

* *

** 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.?~~- cephalanthoides
Shrub 3-4 ft.; fl. white; outskirts of forests; 11,500-12,000 ft.

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

24801

Number

24801 (Fr. 25305) Rhododendron adenophorum
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 Franch.
Shrub 5-6 ft.; fl. yellow; open rocky region 12,000 ft.

24805 (Fr. 25302) Rhododendron achroanthum
Shrub 2-3 ft.; fl. purple; alpine meadows; 12,500 ft. Sd. coll.

24806 (Fr. 25313) Rhododendron sphaeroblastum
Tree 15-20 ft.; fl. pink; forming forests at 13,500 ft. Sd. coll.

24807 (Fr. 25300) Primula secundiflora Franch.
Fl. dull blue; alpine meadows; 13,500 ft. Sd. coll.

24808 Incarvillea sp.?
Fl. red; alpine meadows; 12,000 ft.

24809 (Fr. 25297) Primula sinoplantaginea Balf. f.
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; 12,000ft.

24813 (Fr. 25293) Primula Forrestii Balf. f.
Fl. golden yellow; on limestone rocks; outskirts of pine forests; 11,000 ft. Sd. coll.

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Rock Collections --
Collected on the Likiang snow range, N.W. Yunnan,
Mt. Satseto, eastern slope; April-May-June.

Number

24814 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.? Betula Forrestii (W. W. Sm.) Hand. -Mazz. var./ var. calcicola
5-6 ft.; on cliffs limestone;
13,500 ft.

24817 Dipelta sp.?-- yunnanensis Franch.
Shrub 5-6 ft.; fl. pinkish;
grassy slopes; 12,000 ft.

24818 Cotoneaster sp.? glaucophylla Franch. var. microphylla Han.-/ Mazz.
Shrub 5-6 ft.; fl. white;
lower slopes; 9,500 ft.

24819 Prunus sp.?- latidentata Koehne var. trichostoma (Koehne) Schneid.
(Fr. 25253)
Tree 10-15-20 ft.; fl. pink;
alpine region; 12,500 ft. Sd. coll.

24820 Rhetinia sp.?- Stranvaesia Davidiana Done
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 Diels var.
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.?- rupicola Camb.
Fl. white; in fir forest;
12,500 ft.

24825 Potentilla sp.?- eriocarpoides Krause
Fl. yellow; on limestone
boulders; 14,500 ft.

24826 Herb- Chrysosplenium davidianum Fr.
Fl. yellow; wet alpine gravelly
slopes; 14,500 ft.

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Rock Collections --
Collected on the Likian snow range, N. W. Yunnan, Mt. Sateseto, eastern slope; April-May-June. Cont'd.

Number

24827 ~~Legume~~ Astralagus yunnanensis Fr.
Fl. yellow; on gravel and scree; 14,500 ft.

24828 Phlomis ~~sp.?~~ atropurpurea Dunn
Fl. pink; alpine meadows; 12,000 ft.

24829 (Fr. 25343) Androsace spinulifera?
Fl. pink; alpine meadow; 12,000 ft. Sd. coll.

24830 Legum herb.
Fl. yellow; alpine meadows; 11,500 ft.

24831 ~~Herb~~ Rosciea 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 (Fr. 25339) Primula pulchella Franch.
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.?~~ Poissonii 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.

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Number

24840 Meconopsis sp.?
Fl. purplish blue; alpine meadows; Na dshwua. 14,000 ft.

24841 Caltha sp.? Trollius patulus Ait.
Fl. yellow; alpine meadows Na dshwua, 14,000 ft.

24842 Pedicularis sp.?-- cephalantha Fr.
(Fr. 25356) Fl. purple; alpine meadows Na dshwua; 14,000 ft. Sd. coll.

24843 Cardamine sp.?-- macrophylla Willd.
Fl. pale pink; wet alpine region; 13,500 ft.

24844 Salvia sp.? 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.?-- 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 Watze; 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.

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Number

24853 (Fr. 25328) Rhododendron Traillianum
Shrub or tree 10-15 ft.; fl. white; alpine region in fir forest; 12,500 ft. Sd. coll.

24854 (Fr. 25350) Rhododendron cephalanthoides
Shrub 2 ft.; fl. white; alpine region among rocks 13,500 ft. Sd. coll.

24855 Cruciferae Eutrema lancifolium Schulz
Fl. white; alpine meadows; 13,500 ft.

24856 Omphalogramma sp.? - vinciflorum Franch.
Fl. indigo blue; alpine meadows; 13,500 ft.

24857 (Fr. 25331) Rhododendron vernicosum
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 - versipilus H.-M.
Fl. blue; west alpine meadows in snow; 14,000 ft.

24863 Petasites tricholetus Franch: versipilus H.-M.
Fl. pink; in fir forest; the first flower to appear; 12,500 ft.

24864 (Fr. 25340) Rhododendron eritimum
Tree 20-25 ft.; fl. red; in oak forests; 11,500 ft. western slopes of snow range Gonga Sd. coll.

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Rock Collections --
Likiang snow range, N. W. Yunnan, Mt. Satseto. Contd. 24865

Number

24865 (Fr. 25352) Rhododendron niphargum
Tree 20 ft.; fl. pink deep pink; in spruce forest; 11,000 ft. Sd. coll.

24866 (Fr. 25326) Rhododendron rubiginosum
Tree 10 ft.; fl. lavender purple; spruce forest and oaks; 11,000 ft. Sd. coll.

24867 (Fr. 25329) Rhododendron desquamatum
Fl. purple; tree 10 ft.; spruce forest and oaks; 11,000 ft. Sd. coll.

24868 (Fr. 25363) Prunus salicina Lindl. f.
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 (Fr. 25327) Rhododendron pleistanthum
Shrub 6-8 ft.; fl. white pinkish to blue and smoke colored; pine and oak forest; 10,500 ft. Sd. coll.

24871 (Fr. 25335) Piptanthus tomentosus Franch.
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 (Fr. 25364) Primula Forrestii Balf. f.
On limestone rocks; 10,500 ft. Sd. coll.

24875 ~~Lobiater~~ 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.

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Number

24877 (Fr. 25362) ~~Lilium lophophorum~~ - Nomocharis lophophora Balf. f.
Fl. yellow; alpine meadows; 12,500 ft. Sd. coll.

24878 (Fr. 25332) Buddleia fallowiana Balf. & Sm.
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.

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

Number

24890 Salvia ~~sp.?~~- hiana 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.?~~ 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)~~ Eriophytum 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.?~~ Adenophora ~~coelestris~~- 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.

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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.?- dictyoneurus Fr.
Fl. yellow; dry pine forest, gravelly soil: 9,500-10,000 ft.

24904 Saussurea sp.?- gossyphiphora Don.
Fl. purple; alpine scres and gravel; 15,000-14,500 ft.

24905 Rosae. Malus Rockii Rehd.
Tree 20 ft.; fl. white; water courses; 10,000 ft.

24906 (Fr. 25361) Primula Vialii Franch.
Fl. red and blue (calyx red, fl. blue); wet meadows of Gonga; 10,000 ft. Sd. coll.

24907 (Fr. 25360) Primula Vialii Franch.
Fl. blue; wet meadows of Go bo east of Likiang snow range Sd. coll.

24908 (Fr. 25354) Phlomis sp.?
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 (Fr.24357) Aconitum ~~hyecetenum-br-var.~~ brevicalcaratum Diels
Fl. dull purplish green to blackish; Saba loko; 11,500 ft; rocky mountains Sd. coll.

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Rock Collections --
Likiang snow range, N. W. Yunnan, Mt, Satseto. Contd. 24914

Number

24914 Delphinium likiangensis
Fl. blue; at foot of glacier at Saboloko; 13,000 ft. Sept. 1932

24915 (Fr. 25359) ~~(intinter)~~ Dracocephalum speciosum Benth -Merrill
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 (Fr. 25330) Delphinium likiangense
At foot of glacier at Saba loko; 13,000 ft.; in gravel Sd. coll.

24921 (Fr. 25347) Ribes emodense Rehd.
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.betulifollium (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.

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Number

24927 ~~Duncac.~~ Eriocaulon Henryanum Ruhl.
Fl. white; in swampy ground; in Saba gorge; 12,000 ft.

24928 Begonia ~~sp.?~~ 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.

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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 ~~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 Gentiana
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.

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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 Legumr- 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 (Fr. 24355) Pedicularis sp.?
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.

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Number

24963 Rhododendron sp.?- Beesianum
Tree 20 ft.; fl. white; alpine region; 12,000 ft. Na dshwna

24964 Rhododendron Beesianum
(Fr. 25345) Tree 20 ft.; fl. pinkish red; alpine region; 12,000 ft. Sd. coll.

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

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 sp.?- latidentata Koehne
Tree 15-20 ft.; fl. red; fir forest; 13,500 ft.

24969 Populus sp.? 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 sp.?- yunnanensis (Fr.) Schneid.
Tree 20 ft.; fl. white; along Peshui glacier stream; 10,000 ft.

24971 Tsuga sp.? chinensis E. Pritz.
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 sp.?- curviflora Fr.
Fl. bluish lavender; in meadow at Yukolo; 14,000 ft.

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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; im 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 lo-ko; 11,000 ft.

24985 Spenceria ramalana Meadows of Cyi-na 10-ko; 11,000 ft.

24986 Aster staticifolius Fr. (Fr. 25378) In fir forests on rocks; 11,500 ft. Sd. coll.

24987 Abies ~~spec~~ Forrestii C.C. Roger (Fr. ,25371) Tree 60 ft.; in fir forests; 12,000 ft. Sd. coll.

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Rock Collections --
Mt. Cyi-na lo-ko second peak of Yu-lung shan, Contd.

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 Phlomis?- 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

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Rock Collections --
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 ~~Borraginac~~-- Lycopsis? (Microula myosotidea (Franch.) det. Johnston)
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 Omphallogramma 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.1 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~~e~~2 ft.; fl. white; on rocks and
boulders; 14,500 ft. Sd. coll.

25014 (Gueldenstaedtia sp.?)Cyanthus flavus Marqu.
Fl. yellow; alpine meadows;
13,500 ft.

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Rock Collections--
Mt. Gyi-na lo-ko second peak of Yu-lung shan. Contd.

Number

25015 (Fr. 25382) Primula sikkimensis Hook. forma
Fl. yellow; wet alpine meadows; 13,500 ft. Sd. coll.

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

25016 Cassiope ~~sp.?~~ - myosuroides W.W. Sm.
On rocks and boulders; 14,000 ft.

25017 Meconopsis sp.
Fl. purplish blue; alpine meadows; 14,500 ft.

25018 Paraquilegia ~~anemonoides~~ macrophylla
Fl. lavender; on boulders and cliffs; 13,500 ft.

25019 Rhododendron ~~sp.?~~ - agastum
Tree 10-20 ft. tall; fl. red; in pine forest; 9,500 ft.

25020 (Fr. 25395) Rhododendron irroratum
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 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.

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

Number

25028 (Fr. 25386) Rhododendron irroratum
Tree 15-20 ft.; fl. white, fragrant; in pine forests; 10,000 ft. Sd. coll.

25029 Thea sp.? Pitardii (Stuart) Rehd.
Shrub 5-6 ft.; fl. pink in pine forests; 10,000 ft.

June 1932

25030 (Fr. 25401) Rhododendron Clementinae
Tree 10-15 ft.; fl. pink; spotted purple; alpine region 14,000 ft. Sd. coll.

25031 (Fr. 25390) Rhododendron poecilodermum
Tree 10-15 ft.; fl. pinkish white; alpine, 14,000 ft. Sd. coll.

25032 (Fr. 25399) Calophaca polystichoides Hand.-Mazz.
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 (Fr. 25391) Rhododendron litiense
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.

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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
6-10 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. purpliah pink; alpine meadows, edge of forests; 12,500 ft.

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Rock Collections--
Yun-lu shan, southwest of Li-kiang, Yangtze-Mekong water shed. 25052
Collected August 1932 Contd.

Number			
25052	Rhododendron sp.?- fulvum	Tree 20 ft.; fl. whitish pink; in fir forest; April 1932 12,500 ft.	
25053	Rhododendron sp.?- Beesianum	Tree 20-25 ft.; fl. rose color; in fir forest; April 1932; 12,500 ft.	
25054	Rhododendron sp.?-- fulvum	Tree 10-15 ft.; fl. pink; in fir forest; April 1932, 12,500 ft.	
25055 (Fr. 25396)	Rhododendron fictolacteum	Tree 20 ft.; fl. white; in fir forest; April 1932; 12,500 ft.	Sd. coll.
25056 (Fr. 25389)	Rhododendron basilicum	Tree 20-25 ft.; fl. yellow; in fir forests; 13,000 ft.	Sd..coll.
-25057	~~Lilium sp.?~~ Nomocharis lophophora Balf. var.	Leaves very narrow; fl. yellow; alpine meadows; Aug. 1932; 13,000 ft.	
25058	Primula sp.?- Diapensia purpurea Diels fa. rosea W. E. Ev.	Fl. pink; on boulders forming cushions; Aug. 1932; 14,500-15,000 ft.	
25059 (Fr. 25393)	Rhododendron basilicum	Tree 25 ft.; fl. pink; fir forest; 12,500 ft. July 1932;	Sd. coll.
25060 (Fr. 25388)	Rhododendron basilicum	Tree 25 ft.; fl. pink; leaves large; in fir forest; April-May 1932	Sd. coll.
25061	Rhododendron sp.?-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 sp.?- rufipilosa 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.	

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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 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 Pratim.
Fl. yellow; along water courses; 9,500 ft.

25071 Meconopsis sp.?
Fl. pale blue; in alpine meadows; 13,500 ft.

25072 Sorbus sp.?- Rehderiana Koehne
Tree 10 ft.; fl. white; alpine region; 13,000 ft.

25073 (Fr. 25392) Primula pinnatifida Franch. forma
Fl. blue; alpine meadows; 14,000 ft. Sd. coll.

25074 (Fr. 25397) Rosa omeiensis Rolfe
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.

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

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 . coriandrifolia Don
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 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.?~~- creotrephes
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 fr. Sd. coll.

25088 ~~Amaranthac.~~ Polygonum Hookeri Meisn.
Herb; fl. white; alpine meadows 13,000 ft.

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

Number

25089 ~~Borrag.~~ 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 Primula sikkimensis Hook.
(Fr. 25415) 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 Rhododendron dasycladum
(Fr. 25428) Tree 10 ft.; in fir forest 12,500
ft. Sd. coll.

25095 Meconopsis sp.?
Fl. purplish blue; in alpine
meadows 13,000 ft.

25096 Meconopsis integrifolia (Maxim.) Fr.
(Fr. 25408) Fl. yellow; in alpine meadows
among rocks; 12,500 ft. Sd. coll.

25097 Rhododendron recurvum
(Fr. 25422) Shrub 10 ft.; fl. :; in fir forests;
12,500 ft. Sd. coll.

25098 Potentilla ~~fruticosa~~- veitchii Wils
Shrub 2-3-4 ft.; fl. large white;
alpine region 12,000 ft.

25099 Rhododendron oreotrephes
(Fr. 25429) Shrub 10 ft.; in fir forest 12,000
ft. Sd. coll.

25100 Primula Poissonii Franch.
(Fr. 25410) Fl. deep purple - red; in wet
alpine meadows; 10,500 ft. Sd. coll.

25101 Primula anisodora Balf. f. et Forrest vel. affl.
(Fr. 25416) Fl. lake colored; in wet alpine
meadows; 10,500 ft. Sd. coll.

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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 nipharagum
(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.

Digitized by the Hunt Institute for Botanical Documentation

Number

25116 (Fr. 25423) Rhododendron poecilodermum
Tree 10-15 ft.; fl. pink; alpine region; 13,500 ft. Sd. coll.

25117 Nomocharis 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 ~~Pyrus 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.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections --
Lao-chun shan, southwest of Shi-ku and Yangtze. Contd. 25129

Number

25129 Lilium bakerianum Coll. & Hemsl.
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.

Collected on Kin-tzu shan, Daho-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.

Digitized by the Hunt Institute for Botanical Documentation

Rock Collections--
Collected on Kin-tzu shan, Dsho-yu nvlu, Labako, west of Shi-ku. July 1932 Contd. 25142

Number

25142 Cremanthodium ~~sp.?~~ campanulatum Diels
Fl. purple; among rocks; 14,000 ft.

25143 Primula pinnatifida
Alpine meadows; 14,000 ft.

25144 Primula ~~sp.?~~-- bella Franch.
Fl. blue; on boulders; 14,500 ft.

25145 Lilium hyacinthinum?
(Fr. 25457) Fl. pinkish lavender; in fir forests; 13,000 ft. Sd. coll.

25146 ~~Herb~~ Polygonum forrestii Diels
Fl. white; among rocks at 14,500 ft.

25147 Herb
Fl. purplish blue; in meadows at 12,000 ft.

25148 Rhododendron ~~sp.?~~-- fulvum
Tree 15-20 ft.; fl. pink; in fir forest; 12,500 ft. Apr-May 1932

25149 Rhododendron fulvum
(Fr. 25468) Tree 10-15 ft.; fl. dark rose; in fir forest; 12,500 ft.; April-May 1932 Sd. coll.

25150 Rhododendron ~~sp.?~~-- cuneatum
Shrub 3 ft.; fl. blue; among limestone rocks; 11,500 ft.

25151 Rhododendron ~~sp.?~~-- fulvum
Tree 15-20 ft.; fl. pink; in fir forests; 12,500 ft.

25152 Rhododendron fictolacteum
(Fr. 25466) Tree 10-15 ft.; fl. pink; in fir forests; 12,500 ft. Sd. coll.

25153 Rhododendron ~~sp.?~~-- racemosum
Shrub 3-4 ft.; fl. pink; in pine forests; 10,000 ft.

25154 Rhododendron aureum
(Fr. 25465) Shrub 4 ft.; fl. lemon yellow; very rare; in pine forest; 10,000 ft. Sd. coll.

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Rock Collections ---
Collected on Kin-tzu shan, Dsho-yu nvlu, Labako, west of Shi-ku. Contd. 25155

Number

25155 Rhododendron recurvum
(Fr. 25464) Shrub spreading; fl. rose; among rocks at 14,500 ft. August 1932 Sd..coll.

25156 Rhododendron pronum
(Fr. 25458) Shrub 1 ft.; fl. pink; among rocks at 14,500 ft. Sd. coll.

25157 Nomocharis pardanthina Fr.
Fl. pink spotted purple; outskirts 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 vegetation 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 ~~Polypod. 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.

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Rock Collections--
Collected on Sung-kwo pass between Li-kiang and Ho-king, south of Li-kiang. July-August 1932. 25167

Number

25167 Meconopsis betonicifolia
Fl. blue; in fir forest; 12,500 ft.; Sd. coll.

25168 (Fr. 25455) Rhododendron heptamerum
Shrub or tree; 10-15 ft.; fl. deep purple-red; in fir forest; 12,500 ft. Sd. coll.

25169 Rhododendron Delavayi
Tree 10-15 ft.; fl. scarlet; in pine forest; 9,500 ft.; Apr. 1932.

25170 (Fr. 25451) Rhododendron irroratum
Shrub or tree 10-15 ft.; fl. white, pinkish tinge in pine forests; 10,000 ft. Sd..coll.

25171 Rhododendron ~~sp.?~~ decorum
Shrub 1-2 ft.; fl. deep rose; in pine forest; 10,000 ft.

25172 Rhododendron ~~sp.?~~ decorum
Shrub 1-2 ft.; fl. white, to pale pink; in pine forest; 10,000 ft.

25173 (Fr. 25443) Rhododendron scabrifolium
Shrub 5 ft.; fl. pink; in pine and oak scrub; 10,000 ft. Sd. coll.

25174 Rhododendron ~~sp.?~~ aechmophyllum
Shrub 6-8 ft.- 10 ft.; fl. pink, in pine forests;.10,000 ft.

25175 Thea ~~sp.?~~ Pitardii Rehd.
Shrub 8 ft.; fl. pink; in pine forest; 10,000 ft.

25176 Rhododendron ~~sp.?~~ aechmophyllum
Shrub 6 ft.; fl. pink; in pine forest; 10,000 ft.

25177 ~~Tree~~ Symplocos setchuenensis
20 ft.; fl. yellow; in fir forest and spruces, 11,500 ft.

25178 (Fr. 25449) Primula sikkimensis Hook.
Fl. yellow; wet alpine meadows; 13,500 ft. Sd. coll.

Digitized by the Hunt Institute for Botanical Documentation

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 lanuginosa 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.

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

Number

25191 ~~Orchid 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 (Fr. 25437) Rhododendron Balfourianum var. aganniphoides
Tree 10 ft.; fl. pink; above fir forest; 14,000 ft. Sd.

25194 (Fr. 25442) Rhododendron Bureavii
Tree 20ft.; forming forests; Fl.? above fir forest; 14,000 ft. Sd.

25195 Aster staticefolius
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 staticefolius
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.

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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 rhaibocarpum
(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.

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

Number

25212 Gentiana ~~sp.?~~ arethusae Burkill
Fl. deep blue; in wet alpine meadows; 11,500 ft.

25213 Nomocharis ~~sp.?~~ saluenensis 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 Kwuangtung in mountains west of Kwuangtung; 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 daphniphylloides 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

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Rock Collections --
Collected between Talifu and Yunnanfu.

Number

25222 Rhododendron sp.? microphyton
Shrub 2-3 ft.; fl. blue-purple; oak scrub and pine at Cha fang ssu; 6,700 ft.; May 1932.

25223 Rhododendron sp.? 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.? 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.? Bertya phylicoides Jeffrey
Shrub 2 ft.; fl.?; pine undergrowth in Yangtze gorge near Maba; April 1931; 10,000 ft. Sd.
J.F.R.

25231 Primula sp.? 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.

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Rock collections - -
Between Talifu and Yunnanfu. Contd.

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.

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.

Collected on mountains to the east of Hsiao Chung-tien northwest Yünnan
September 1932.

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. Sd.
See No. 24615

25245 Primula vittata Franch.
See No. 24613 Sd.

25246 Rhododendron adenophorum
See No. 24612 Sd.

25247 Rhododendron desquamatum
See No. 24609 Sd.

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Rock Collections - -
Collected on the East Hsiao Chung-tien northwest Yünnan mountain. Contd. 25248

Number

25248 Meconopsis horridula Hook. f. & Thoms.
See No. 24608 Sd.

25249 Cornus macrophylla Wall.
See No. 24620 Sd.

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.

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Rock Collections --
Collected west of Hsiao Chung-tien, N.W. Yunnan

Number

25263 Primula conica Balf. f. et Forrest vel aff.
See No. 24636 Sd.

24264 Saxifraga nutans HK. f. & Th.
See No. 24634 Sd.

25265 Primula calliantha Franch.
See No. 24640 Sd.

25266 Prunus crataegifolia Hand.-Mazz.
See No. 24631 Sd.

25267 Viburnum cordifolium Wall.
See No. 24668 Sd.

25268 Pedicularis sp.? habachananensis Bonati ?
See No. 24644 Sd.

25269 Viburnum betulifolium Batal.
See No. 24629 Sd.

25270 Larix Potaninni Batal.
See No. 24648 Sd.

25271 Meconopsis horridula Hook. f. & Thoms.
See No. 24637 Sd.

25272 Rhododendon proptum aff.
See No. 24660 Sd.

25273 Schizandra propinqua HookE.f. & Th. var.chinensis Oliv.
See No. 24669 Sd.

25274 Crataegus chungtienensis W.W.Sm.
Tree 15 ft.; fruits red; reg.
of Chung-tien; 10,000 ft. Sd.

25275 Evonymous nanoides Loes. & Rehd.
See No. 24724 Sd.

25276 Primula chungensis Ward
See No. 24722 Sd.

25277 Rhododendron cantabile
See No. 24694 Sd.

25278 Rhododendron sinolepidotum
See No. 24686 Sd.

25279 Iris sp.?
See No. 24696 Sd.

25280 Sanguisorba officinalis (L)
See No. 24685 Sd.

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Rock Collections --
West of Hsiao Chung-tien. Contd. 25281

Number

25281 Paeonia lutea Franch.
See No. 24717 Sd.

25282 Enkianthus deflexus (Griff.) Schneid.
See No. 24716 Sd.

25283 Betula luminifera H. Winkl.
See No. 24726 Sd.

25284 Malus baccata Borkh. var. himalaica Schneid.
See No. 24730 Sd.

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

25285 Rosa omeiensis Rolfe
See No. 24763 Sd.

25286 Ribes tenue Jancz.
See No. 24761 Sd.

25287 Meconopsis horridula Hook. f. & Thoms.
See No. 24754 Sd.

25288 Lonicera deflexicalyx Batal. var. xerocalyx(Diels) Rehd. Shrub 5 ft.; fl.? fir forests; 12,500 ft. Sd.

25289 Meconopsis horridula Hook. f. & Thoms.
See No. 24756 Sd.

25290 Primula amethystina Franch. subsp. brevifolia Forrest
See No. 24760 Sd.

25291 Cremanthodium campanulatum (Franch.) Diels
See No. 24755 Sd.

25292 Primula szechuanica Pax
See No. 24798 Sd.

25293 Primula Forrestii Balf. f.
See No. 24813 Sd.

25294 Meconopsis lancifolia var. concinna G. Tayl.
See No. 24749 Sd.

25295 Primula sinoplantaginea Balf. f. (vix. 25295)
See No. 24796 Sd.

25296 Meconopsis lancifolia var. concinna G. Tayl.
See No. 24769 Sd.

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

Number		
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	Diapensia 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-Tarouccana Schneid. (not Berberis yunnanensis) See No. 24808	Sd.
25311	Berberis yunnanensis Franch. (not Berberis dictyophylla) See No. 24759	Sd.
25312	Paeonia delavayi Franch. See No. 24758	Sd.
25313	Rhododendron sphaeroblastum See No. 24806	Sd.

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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.

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Rock Collections --
Collected on Yu-lung shan, Li-kiang snow range contd. 25328

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.

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Rock Collections- -
Yu-lung shan, Liakiang snow range. Contd.

Number		
25346	Orecharis sp.? (not Tremacron Forrestii Craib.) See No. 24902	Sd.
25347	Ribes emodense Rehd. See No. 24921	Sd.
25348	Eriophytum Wallichianum Benth. --det. Merrill See No. 24894 (Labiate)	Sd.
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	(Labiate) See No. 24915	Sd.
25360	Primula Vialí Franch. See No. 24907	Sd.
25361	Primula Vialí Franch. See No. 24906	Sd.
25362	Lilium lophophorum See No. 24877	Sd.
25363	Prunus salicina Lindl. f. See No. 24868	Sd.

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Rock Collections --
Yu-lung shan, Likiang snow range. Contd.

Number

25364 Primula Forrestii Balf. f.
See No. 24874 Sd.

25365 Sorbus Pallescens Rehd.
Tree 25 ft.; along streams, open country; 9,500-10,000 ft.; Sd.

25366 Malus baccata (L.) Borkh. var. himmalaica (Maxim.) Schneid)
Tree 25-30 ft.; meadows of Gobo to the east of Li-kiang; 9,500 ft. Sd.

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

25367 Calophaca polystichoides Hand.- Mazz.
See No. 25012 Sd.

25368 Rhododendron Traillianum
See No. 24966 Sd.

25369 Primula secundiflora Franch.
See No. 24977 Sd.

25370 Rhododendron Websterianum
See No. 24973 Sd.

25371 Abies Forrestii C. C. Roger
See No. 24987 Sd.

25372 Rhododendron rubiginosum
See No. 25008 Sd.

25373 Rhododendron vernicosum
See No. 25009 Sd.

25374 Primula sinopurpurea Balf. f.
See No. 24978 Sd.

25375 Rhododendron adenophorum
See No. 24967 Sd.

25376 Rhododendron cephalanthoides
See No. 25013 Sd.

25377 Rhododendron drumonium
See No. 24975 Sd.

25378 Aster staticifolius Fr.
See No. 24986 Sd.

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Rock Collections --
Collected on the slopes of Mt. Gyi-na 10-ko, Oct. 1932.
second peak of Yu-ling shan, N.W. Yunnan.

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

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

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

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Rock Collections --
Collected on Yun-lu shan. Contd. 25394

Number

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 Clemdntinae
See No. 25030 Sd.

25402 Rhododendron hippophaeoides
See No. 25046 Sd.

25403 Acer Davidi Franch.
Tree 15 ft.; collected on Yün-lu shan elev. 10,500 ft.; Oct. 1932; mixed forest; Sd.

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.?~~ Roxieabum
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.

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Rock Collections --
Collected on Lao-chun shan., Nov. 1932. 25409

Number

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

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Rock Collections --
Collected on Lao-chun shan. Contd.

Number

25428	Rhododendron dasycladum See No. 25094	Sd.
25429	Rhododendron oreotrephes 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.

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

25433	Ketteleeria 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 fictolacteum 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. 25173	Sd.

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Number

25444 Rhododendron fictolacteum
See No. 25211 Sd.

25445 Rhododendron heptamerum
See No. 25168 Sd.

25446 Rhododendron heliolepis
See No. 25190? Sd.

25447 Rhododendron fictolacteum
See No. 25209 Sd.

25448 Rhododendron fictolacteum
See No. 25207 Sd.

25449 Primula sikkimensis Hook.
See No. 25178 Sd.

25450 Androsace spinulifera?
See No. 25185 Sd.

25451 Rhododendron irroratum
See No. 25170 Sd.

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

25452 Rhododendron ~~sp.?~~ (Roxieanum-Taliense Series)
Shrub 6-8 ft.; alpine region of Kin-tzu shan; 13,000 ft. Sd.

25453 Rhododendron bullatum
Shrub 6-10 ft.; fl. pink, large; in spruce forest; 11,500 ft. Sd.

25454 Rhododendron bullatum
Shrub 4-5 ft.; in spruce forest; 11,500 ft. Sd.

25455 Rhododendron ~~sp.?~~ (Roxieanum-Taliense Series)
Shrub 4-5 ft.; alpine region among rocks spreading shrub; 13,500 ft. Sd.

25456 Nomocharis sp.? (not Nomocharis pardanthina Fr.)
See No. 25157 Sd.

25457 Lilium hyacinthinum?
See No. 25145 Sd.

25458 Rhododendron pronum
See No. 25156 Sd.

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Rock Collections --
Kin-Tzu shan. Contd.

Number

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.

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 (Fr.25472) Rhododendron sphaeroblastum
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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Rock Collections --
Collected in the mountains of Kulu, S. W. Szechuan.
May 1932.

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.

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