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Aptos, March 7th 1930

Dr. T. H. Goodspeed.
Berkeley, Calif.

My dear Dr. Goodspeed!

As per request I am glad to give you herewith a record of my career as far as my nursery experience is concerned. I was born in Trier, Germany, Jan. 13th 1881. After attending the Gymnasium at Trier, I entered the horticultural field by becomming an apprentice at the nurseries of P. Lambert, Trier. During my last year with Mr. Lambert, I held a responsible position in the propagating department. After various positons in some of the foremost nurseries of Germany, I conducted a nursery for five years at Remagen, Germ. In order to further better myself, I was induced by a relative in Australia to establish myself there. I arrived in Australia during the hot season and soon got

trouble with my eyes and on the advice of my physician went to New-Zealand in January 1914. I went to work in the propagating department of Thos. Horton - Nursery Company, at Hastings. In 1916 I was discharged on acc. of public sentiment during the war. Later I secured employment in a nursery at Palmerston-North, where I stayed till I left for San Francisco in 1920. My first employment in this country was with the California Nursery-Company at Niles, as propagator. In 1921 Mr. John McLaren engaged me to take care of the propagating houses at Golden Gate Park, in which position I stayed for six years. Having become intensively interested in Rhod. species, I began experimenting with them in various ways during my leisure hours, which resulted in the beginning of my present collection. When I decided to go into business for myself at Ben Lomond

Mr. McLaren came generously to my assistance by presenting me with a rather large collection of small seedlings I had raised in the Park Nursery and later supplying me out of the park with cuttings and scions to further enlarge and complete my collection. In June 1928 I associated myself with Mr. M. Jongeneel at Aptos where we are now conducting a nursery.

Respectfully yours

Karl H. Andries.

Budget

DEPARTMENT OF BOTANY

Berkeley, March 30, 1931

Mr. G. E. Stevens,
Accounting Department,
Office of the Comptroller,
California Hall.

Dear Mr. Stevens:-

In reply to your letter of March 26, advising me of the overdraft of $52.16 on Botany: Special Apparatus, said overdraft going back to the fiscal year 1929-30, I may say that I do not know what to do with the overdraft, since we are at present carrying on Expense & Equipment only by virtue of allowance from the Administration. In view of this situation, I do not know what to recommend, but trust that adjustment may be made in some way so as not to embarrass us any more than we are now being embarrassed and hampered by the financial stringency of the present moment.

Regretting no definite solutions appears to me in our present situation, I remain

Very respectfully,

W. A. Setchell
Chairman, Dept. of Botany

Berkeley, California,
April 15, 1930.

Mr. E.D. Hugill,
Superintendent's Office,
Campus.

My dear Mr. Hugill:-

As you requested I have prepared an estimate of the cost of installation and maintenance in the case of a collection of Rhododendrons which may be presented to the University. This estimate is enclosed and is, I think, self explanatory with the possible exception of item (1) under "cost of maintenance". The collection in question has been brought together by Mr. K.H. Andries who, as foreman of plant propogation at Golden Gate Park some years ago, obtained samples of all the unique plants of this genus which were received at the Park. He is recognized as a specialist in Rhododendron culture and those who are attempting to secure the funds necessary for carrying out their project feel strongly that Mr. Andries should continue to care for the collection when, and if, placed on this campus. He is, also, precisely the type of superintendent I myself need in the Botanical Garden to relieve me of many routine details with which I am now burdened, which I am unable to attend to effectively with the time at my disposal. Mr. Andries' salary should be at least that which he was receiving at Golden Gate Park--i.e. $3000.00 and the enclosed estimate indicates that approximately two thirds of his time would be devoted to the Rhododendron collection (i.e) $2000.00), and one third to supervision of the work going on in the remainder of the Botanical Garden--i.e. $1000.00, to be supplied from University funds.

The attached map indicates that portion of the present Botanical Garden area on which it is proposed to locate the portion of the collection which is of special scientific interest and value, and which therefore must be placed in that situation where it will receive a maximum of protection and care. The residue of the collection consisting of between 5000 and 6000 plants would be available for the beautification of the lower Campus. This portion of the collection includes all of the most prized of the modern horticultural varieties and in particular a representative aggregation of the very beautiful and valuable Chinese hybrid Rhododendrons.

As indicated on the attached map, they might, perhaps most satisfactorily and appropriately be disposed along the stream banks from the President's Residence to the Life Sciences Bldg., and similarly from the Women's Faculty Club to the Faculty Club Bridge or below.

Trusting that this information covers the matters which you took up with me, I am

Yours sincerely,
T.H. Goodspeed

PARK LODGE

OFFICE OF THE

PARK COMMISSIONERS

SAN FRANCISCO

CALIFORNIA

April 16, 1930.

Professor T.H. Goodspeed,
Department of Botany,
University of California,
Berkeley, California.

My dear Professor:

Your letter of April 15th gave me a great deal of pleasure.

I know of no one who is better informed on the subject of Rhododendrons than Mr. Andries and, if you are able to secure his services, I think he will be a very valuable addition to your staff.

With all good wishes and kind personal regards, I am

Yours very sincerely,

John McLaren

Superintendent.

JMcL:W

BLAKE BROTHERS COMPANY

BALBOA BUILDING

SAN FRANCISCO

April 17, 1930.

Professor T. H. Goodspeed,
Department of Botany,
University of California,
Berkeley, Calif.

My Dear Mr. Goodspeed:

In answer to your favor of April 15th, I should deem it almost as much of an acquisition to get Mr. Andries as a member of the staff of the Botanical Garden as I should his very remarkable collection of rhododendrons. Mrs. Blake and I have inspected the latter and regard it as a great acquisition. I sincerely hope there will be no slip in the final acquisition of this collection.

I am very sure that there is nobody in the West that is capable of doing with the collection what Andries would do with it, and I am also sure that his services would be very valuable in other lines of plant propagation and supervision of methods of work. If courses were instituted in some of the specialties like rhododendrons, I believe that he would make a very good demonstrator of both practice and theory. Mrs. Blake, who is far more versed in these matters than I, followed his work while he was at Golden Gate Park and concurs in my opinion that he would be a valuable acquisition for the Botanical Garden in any event, and quite essential to the proper development and expansion of the rhododendron collection in itself. Should you desire a statement going into more detail, I am very sure that Mrs. Blake will be glad to add her individual expression to your list.

Yours very truly,

Robert T. Blake

ASB/rn

TELEPHONE PACIFIC 5100

WM. H. CROCKER,
President Board of Trustees
SUSIE M. PEERS,
Secretary Board of Trustees

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK

C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN,
Director of the Museum and of the Steinhart Aquarium

SAN FRANCISCO, CALIFORNIA. April 19, 1930.

Mr. K. H. Andrews made a name for himself when in the nursery of Golden Gate Park he succeeded in propagating from seed the rare species from the Himalaya Mountains. It is due to his care, ability and enthusiastic devotion that several species are now in our gardens that otherwise would have been lost. There is no gardener of whom I have knowledge who is as competent and I have no hesitation in recommending him.

Alice Eastwood.

To Prof Setchell

Berkeley, California,
June 23, 1930.

Dr. R.G. Sproul,
Office of the Comptroller,
California Hall, Campus.

My dear Dr. Sproul:-

Refering to our conversation of some days ago I wish to give you certain information as to the campaign at present under way to secure a collection of Rhododendron plants for the Botanical Garden, and make certain suggestions as to various matters which will have to be arranged at or soon after the time of acquisition of this collection.

I am told by Mr. James B. Smith, President, King Coal Company, San Francisco, who has been primarily concerned in securing the sum of $25,000.00 for the above mentioned purchase, that pledges in amount $15000.00 have been secured and that there is every reason to suppose that before July 1 the entire sum will be in hand. According to the estimate of the cost of purchase, installation, and maintenance, which has previously been submitted to you, a copy of which is enclosed, an initial expenditure of $ $11,000.00 is contemplated. On the other hand the donations which Mr. Smith is receiving are on the basis of a payment of $500.00 per year for five years. Each of 10 individuals thus contributing a total of $25,000.00. Thus the sum available for the coming year on the assumption that the campaign will be concluded within a week or two will be $5,000.00. I feel that it would be very essential to proceed with the immediate installation of the collection in accordance with the estimate under discussion. This would necessitate the providing of an additional $6,000.00 by the University. I judge that you feel that such an arrangement is possible in case there is sufficient assurance that this advance of money by the University will be met by future increments to the proposed fund of $25,000.00.

The question of maintenance during the first year will also arise. The enclosed estimate calls first for the sum of $2,000.00 per year for assistance in care of the collection. It is proposed that Mr. Carl Andries, one of the two present owners of the collection, be employed under this heading, and it has been understood that the University will supplement the $2,000.00 with an extra $1,000.00 making his annual salary $3,000.00. I am enclosing a

memorandum as to Mr. Andries which will be self explanatory in this particular connection, and which will indicate the very great importance of his having uninterrupted supervision of the collection. Thus according to my proposal that the installation take place as soon as the total sum has been pledged, an additional $3000.00 would need to be provided by the University. As to the other two items under "Cost of Maintenance for Five Years" on the attached estimate, the second, referring to additional garden labor, would not come up during the first year, according to my plans, but would require during the second year $1,000.00 in place of $500.00. The third item referring to a water supply will likewise be more important during the second than during the first year, but does involve the other matter which we have discussed and which I wish now to refer to. For the immediate maintenance and for carrying out the development in the present Botanical Garden area, a larger available supply of water is essential. I understand that an estimate of $1,000.00 has been made by Mr. Hugill in favor of the installation of a pump which will largely solve the present difficulty as to water supply. The proposal of the office of White Pine Blister Rust to establish a Ribes collection in the Botanical Garden is directly connected with this proposed assurance of an adequate amount of water. I very much hope that it will be found possible as of July 1 to affect this vital improvement in the Garden facilities.

I am enclosing copy of a memorandum which I had proposed to leave with Professor Setchell for his information, and which may supplement the remarks which I have made above. Since I am sailing for Europe on Saturday, and since I am desirous of carrying through so far as possible preliminary arrangements in this general connection I would very much appreciate your opinion on these various matter within a day or two.

Yours very sincerely,

THC:GK

June 23, 1930.

Memorandum to Dr. Sproul Concerning the Proposed Addition of Mr. Carl Andries to the Staff of the Botanical Garden.

As indicated in my letter to you of this date, the proper maintenance of the Rhododendron collection which is to be donated to the University appears to require the services of Mr. Carl Andries. In explanation of this situation I may say that Mr. Andries originally formed the collection and has cared for it for a number of years. Mr. Andries was born in Germany some 45 years ago, and has had wide experience in horticultural practice. He has been employed by some of the more prominent German seedsmen, and was in charge of plant propogation in a large New Zealand museum. A number of years ago he became associated with the staff of Golden Gate Park and was for some time the chief plant propogator there. He is the best informed and most intelligent working horticulturist with whom I have come in contact, and everyone else who has come in contact with him speaks most highly of his capacity. I am particularly impressed by the fact that he is in every sense an expert in his field of endeavor as indicated, in part, by the fact that he is a subscriber to botanical periodicals of a scientific nature, and has a considerable collection of original monographs and reference books dealing with the more scientific, as contrasted with the more practical aspects of Botany. He is a man of culture and refinement and one who apparently cooperates very naturally and effectively with those by whom he is employed, and those who work under him. He is unmarried.

As indicated in previous communications Mr. Andries is not at the present time an American citizen. Through a misunderstanding, he allowed his first papers to lapse and he has reapplied for citizenship. I feel that the University would be justified in appointing him, even under the citizenship restriction, on the basis that he is a person of superior technical knowledge whose contact with the work of the Botanical Garden is essential for its development and to provide material necessary for teaching.

It is proposed that he become Superintendent of the Botanical Garden, carrying out under my direction present and future proposals as to maintenance and development. In addition he will care for the Rhododendron collection. I am attaching copies of letters which have been obtained in support of Mr. Andries proposed candidacy for the position in question.

June 24, 1930.

Professor T.H. Goodspeed,
Department of Botany,
C A M P U S

Dear Professor Goodspeed:-

I have read with interest your letter of June 23 and accompanying correspondence, and am glad to give you my opinion on various matters discussed therein.

If cash and pledges payable over a period of five years are presented to the Regents, in the total amount of $25,000, I foresee no difficulty in financing the expenditures of any particular year. Certainly I would recommend to the Regents that they advance $6,000 the first year. Obviously the Finance Committee of the Regents would require that all arrangements be clearly understood and in definite written form before such an advance is made.

As to Mr. Carl Andries, I am impressed by his qualifications for the position of superintendent of the botanical garden and will be glad to recommend to the Regents his appointment, at a salary not to exceed $3,000, with the understanding that he will proceed as promptly as possible to become an American citizen. Also I would be glad to recommend that funds for this purpose in excess of those provided by the donors at any particular date should be advanced by the Regents.

The matter of water supply is, of course, of fundamental importance not only in connection with this collection but in connection with the whole botanical garden development. I am therefore asking Mr. Hugill to submit to me a full report on the situation with recommendations for the improvement of present conditions and the development of a more adequate supply.

Probably I shall not see you before you leave for Europe, and I want you to know that I hope your sabbatical leave may be pleasant and profitable in every way and that I shall be looking forward to your return and to continued and enlarged contributions by you to the progress of the biological sciences at the University of California, and to the reputation of that institution in the academic world.

Very truly yours,

Robert G. Sproul

C

Memorandum for Professor Setchell. August 1, 1930.

Mr. James B. Smith telephoned this morning to tell you that he has raised $25,000 for the purchase, transportation and installation of a collection of Rhodendrons, in accord with an understanding familiar to yourself; that Mr. Fleishhacker will so report to next Tuesday's meeting of the regents or their finance committee; that Dr. Sproul is already fully advised in the matter; that garden work preliminary to the reception of these plants should begin without delay, as they seem to be due to be moved this month; that you should be in prompt communication with Dr. Sproul in the matter; and that he (Mr. Smith) leaves town to-day for a couple of weeks. I gather that Mr. Smith's idea is that actual work might begin as soon as Wednesday. Message received by

E. B. Copeland.

I probably return to Jonesville this afternoon for ten days, but am always ready to recalled if you want me- telegraph to Chico, to be forwarded by telephone.

E. B.C.

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I probably return to Jonesville this afternoon for ten days, but am always ready to recalled if you want me- telegraph to Chico, to be forwarded by telephone.

E. B.C.

August 7, 1930

To the President,
University of California,
Berkeley

Sir:-

May I inflict upon you the problem of the Rhododendron situation as it appears to me, after having looked over the memoranda left me by Professor Goodspeed? I have no doubt but that you have a copy of the estimates presented for the expenditure of the $25,000, plus certain additional sums presumably to be supplied from University funds. The situation for the coming year appears to me to be as follows:

| | |
|---|---|
| Purchase price | $8750 |
| Moving from Aptos to Berkeley | 300 |
| 1 carload of leaf mold | 300 |
| Preparation of site, grading, etc., | 500 |
| Installation of sprinkling system | 500 |
| Construction of lath house | 650 |

Apart from the purchase price, which is a matter for adjustment on the part of your office, the other items, totaling $2250, demand appropriation available immediately. Together with the purchase price, if that is agreed upon to be paid promptly, they amount to $11,000.

In expense for the first year, I find items as follows:

Salary of Mr. Andries $2000 from subscribed funds, $1000 from University funds, making a total of $3000; labor $500; water $800; making a total outlay for maintenance of $3800. It would seem, therefore, if the purchase price is to be paid within the year, that there is necessity for providing some $14,800.

Against this, I understand the Committee agrees to furnish $5000 and you have already indicated in a letter to Professor Goodspeed that you will recommend to the Regents the appropriation of $6000 additional. This leaves a sum of $3800 still to be found, if the purchase, installation, and maintenance of the collection are to be taken care of for the coming year.

It would be very gratifying and helpful to me if I might come into conference with you in regard to these items, or receive such assurance as you may be able to give me as to their provision. Mr. Andries is on the grounds today, and he and Mr. McKay, who is to act in Dr. Goodspeed's place, have had a conference with Mr. Hugill. Steps are being taken to provide water and to provide a lath house. When the water and lath house are provi ded, then the collection can be moved. Until that time, however, the collection must remain at Aptos, and rent and other expenses incurred.

Trusting that this matter may receive your prompt attention and reply, I remain

August 7, 1930

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| Construction of lath house | 850 |

Apart from the purchase price, which is a matter for adjustment on the part of your office, the other items, totaling $2250, demand appropriation available immediately. Together with the purchase price, if that is agreed upon to be paid promptly, they amount to $11,000.

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Trusting that this matter may receive your prompt attention and really I remain,

Very respectfully,

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
BERKELEY, CALIFORNIA

ROBERT G. SPROUL,
PRESIDENT OF THE UNIVERSITY

L. A. NICHOLS,
ASSISTANT SECRETARY OF THE REGENTS

August 13, 1930

Professor W. A. Setchell
Department of Botany.

Dear Professor Setchell:

At the meeting of The Regents of the University of California held on August 12, 1930, approval was given the following recommendation made by the Finance Committee:

> "The acceptance of the sum of $25,000 which has been raised for the acquisition of one of the finest rhododendron collections in the United States, which collection it is proposed to have located in the Botanical Garden area in Strawberry Canyon on the University Campus. Approximately $11,000 of the sum will be used in the purchase, moving and installation of the collection, and the balance of $14,000 is to apply on the cost of maintenance thereof for a period of five years."

Yours very truly,

L. A. Nichols

BM

August 25, 1930

James Bernard Smith, Esq.,
Exchange Block,
San Francisco

Dear Mr. Smith:-

Your telephone message concerning the completion of the arrangements for raising the money for the rhododendron installation came to me during my absence. Since I presumed that you also were away, I took no measures other than to begin preparations for the reception of this very wonderful collection, and arrangements are going on under the direction of Mr. McKay, who is in charge of the Garden during Professor Goodspeed's absence, and of Mr. Andreas, who came up from Apton. The Superintendent of Grounds, Mr. Hugill, is going ahead with the construction of the lath house, extensions of water service, etc., necessary for receiving the collection upon its removal. President Sproul has telephoned me that he will take care of the situation from his end and will see that the financial arrangements for the co-operative conduct of the work progress properly and as rapidly as may be.

I regret that Professor Goodspeed is absent at this time but I desire, although I know comparatively little of the detail, to extend the thanks of the Chairman of the Department of Botany to you and to your Committee and to those gentlemen who have so generously responded to your request for funds. Not only is it a very great satisfaction to the Chairman of the Department of Botany to see such a magnificent collection come to the University and to its Botanical Garden, to be installed and I trust to be increased, but also it has been a great satisfaction to receive this impetus to the development of the Botanical Garden as a division of the Department of Botany. For many years Professor Goodspeed has been trying to advance this situation, and in spite of the meager funds which could be allowed for maintenance and extension, has persevered, and much credit is due to him. The kindness and generosity of yourself and your committee have therefore benefited this situation within the University beyond measure.

I hope to inform you from time to time as to how the situation progresses from our side, and to express, although words are feeble in this connection, our great gratification and pleasure.

Trusting that all is going well with you and with Mrs. Smith, and that this additional link to the University may be of satisfaction and I hope much pleasure to you both, I remain

Very sincerely and gratefully yours,

W. A. Setchell
Chairman, Department of Botany

JAMES B. SMITH
EXCHANGE BLOCK
SAN FRANCISCO

August 27,
1 9 3 0.

Doctor W. A. Setchell,
Chairman, Dept. of Botany,
University of California,
Berkeley, Calif.

Dear Doctor Setchell:

Upon my return from Utah a few days ago, I found your most interesting letter and I am delighted to know that progress is being made for the reception of the Rhododendron Collection to be installed at the new Botanical Garden of the University.

Before leaving on my trip the end of last month, I arranged with Mr. Mortimer Fleishhacker to discuss with President Sproul at the meeting of the Regents, held a few days after my departure, the necessary financing in connection with the reception, removal, of the collection which now is confirmed by your interesting letter.

It was a source of much gratification to have such a willing response from the men I approached in connection with the raising of the twenty-five thousand dollars to be devoted to the purchase, installation, and care of the Collection as part of the development of the Botanical Garden. I am sure Professor Goodspeed will feel repaid and happy to know that the Garden is having such a good start during his absence and that when it becomes known to the friends of the University, that additional funds will be forthcoming that will mean an extensive, well worked out plan of development, bringing due credit to the Botanical Dept. of the University as well as an opportunity for study among the students of the University interested in this course.

When the Rhododendron Collection is installed which I presume will be sometime within the next 30 or 60 days, Mrs. Smith and the writer will be pleased indeed, to make a trip of inspection which I know will be interesting and enjoyable to us.

JAMES B. SMITH
EXCHANGE BLOCK
SAN FRANCISCO

Trusting you keep well and with kindest regards,

Sincerely yours,

James B. Smith

JBS:EH

OFFICE OF THE COMPTROLLER

Rhododendron Project

Berkeley, September 1, 1930

Professor W. A. Setchell
Department of Botany
Campus

Dear Professor Setchell:

I have your letter of August 29 with the attached requisition for 1400 sacks of leaf mold to be delivered to the rhododendron site in Strawberry Canyon and a sample submitted to Mr. K. H. Andries at Aptos, California.

I have approved the requisition and asked that it be put through as rapidly as possible, the charge to be carried in suspense until the funds for the rhododendron collection have been turned over to the University.

I trust that this will take care of this urgent matter.

Very sincerely yours,

L. A. Nichols

L. A. NICHOLS

LAN:LC

BERKELEY: OFFICE OF THE PRESIDENT

September 5, 1930

Professor W. A. Setchell
Department of Botany

Dear Professor Setchell:

I quite agree with you that it will be desirable to appoint the person to take charge of the Rhododendron project and to act as Superintendent of the Botanical Gardens, as soon as proper financial arrangements have been made. I am sorry to say, however, that nothing has been heard along that line recently. Is there any way in which you can diplomatically call the situation to the attention of the parties interested and stir them to action?

Sincerely yours,

Robert G. Sproul.

RGS:P

file under
Bot. Garden
Rhod. Project

September 10, 1930

James Bernard Smith, Esq.,
Exchange Block,
Pine Street,
San Francisco.

Dear Mr. Smith:-

I have your letter expressing your interest in the progress of the Rhododendron Project. I may say that we are nearly ready to move the collection. The question of consummating purchase, etc., and the appointing of Mr. Andries as expert in charge is before the President. The President, however, would like very much to have from some word, and he puts the immediate proposition before me, as to the details of the money and the payments, as to amount and times, into the University treasury. I presume that this is a legitimate question, but I hesitate about raising it, since I do not know just what details of the various conversations were, in the case of Professor Goodspeed. If you can help me with some information, or, if it seems preferable I may come over and talk over the situation with you.

Regretting troubling you about such details, I remain

Very respectfully yours,

W. A. Setchell
Professor of Botany

OFFICE OF THE COMPTROLLER

Berkeley, Sept. 16, 1930.

Note to Prof. Setchell:

Mr. McKay advised us that he called on Mr. A ndries and submitted sample of the leaf mold offered by Paul L. Tallmann and that Mr. Andries had approved. same. We are therefore putting thru your requisition No. 1 for 1400 grain sacks of leaf mold for $300.00.

Very truly yours,

L. G. Baker.
Purchasing Department.

WGY

UNIVERSITY OF CALIFORNIA—(Letterhead for interdepartmental use).

September 10, 1930

To the President,
University of California,
California Hall.

Dear Dr. Sproul:-

This morning, having previously made an appointment with Mr. James Bernard Smith, Chairman of the informal committee in charge of raising funds for the Rhododendron Project, I spent about an hour discussing the situation, and ascertained the following facts, which I hope may be of interest to you in this connection.

The ten gentlemen approached by Mr. Smith have not only signed the agreement, which is properly drawn up in the form of a deed of gift, to The Regents of the University of California, with one exception, and Mr. Smith hoped to finish the list within a day or two, or at least as soon as he could get in touch with this remaining member. Mr. Smith has also checks for practically the whole amount of the first year's contribution (viz., $5000), with the exception of the particular member just mentioned. Each year these gentlemen will contribute a like amount until five such contributions of $5000 each have been collected and given into the custody of The Regents of the University. Mr. Smith proposes to turn over the funds to Mr. Fleishhacker. Mr. Fleishhacker is informed of the various details and was supposed to have communicated these to you. I questioned Mr. Smith as to what promises were made to the owners of the collection as to details of payment, but he did not have any information on that score. It is this sum, (viz., $8750) which will be the largest single expenditure. As I understand it, Mr. Jongeneel is anxious for his money, and that would be practically half. Mr. Andries, the other partnet, and whom we are to take over as expert and Superintendent of the Garden, informs me verbally that he is in no hurry for his payments. Mr. Smith made the suggestion that perhaps Mr. Andries may be willing to accept a certain sum at intervals of convenience to The Regents. The way therefore seems clear to establish the financial relation, and if I have read your letter correctly, I understand that you are ready to recommend to The Regents the advance of $6000 towards the first year's expenditures. Mr. Goodspeed understood that Mr. Andries was to receive $2000 a year from the Rhododendron Fund and $1000 a year was to be supplied by the University for his additional services in superintending the general activities of the Botanical Garden. I am ready at any time to add to my

recommendation concerning the appointment of Mr. Andries such letters, etc. as were obtained by Professor Goodspeed certifying as to his qualities and the esteem in which he is held.

Trusting that this information may be of service in forwarding the matter, and holding myself ready to consult farther or advise with you, I remain

Very respectfully yours,

W. A. Setchell
Chairman, Dept. of Botany

UNIVERSITY OF CALIFORNIA
BERKELEY CAL.

COPY FOR DEPARTMENT FILES

Order No. 8035

1. Check all shipments immediately upon receipt.
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3. Return GREEN COPY to Purchasing Department on completion of delivery of all items.

Dept. No. 145
BOTANY GARDEN

9/25/30

PAUL L. TALLMAN
573 OCEAN ST.
SANTA CRUZ CAL.

BOTANICAL GARDEN
UNIVERSITY OF CALIFORNIA
BERKELEY CA.

1400 GRAIN SACKS OF LEAF MOLD, AS PER SAMPLE SUBMITTED TO MR. ANDRIES, OAK, BUCKTHRON OR REDWOOD LEAFMOLD, UNIFORM QUALITY, ROUGHLY SCREENED OF STONES, STOCKS AND OTHER SOLID OBJECTS. PARTLY DECAYED AND ABSOLUTELY DESTITUTE OF STICKS OR LEAVES OF CALIFORNIA LAUREL 300.00

TO BE DELIVERED IN 1 WEEK
PRICE FROM LETTER DATED 9/9/30
FOBUNIVERSITY - DELIVERY CHARGES PREPAID
MS

SAMPLE OF SHIPMENTS TO BE SUBMITTED TO MR. ANDRIES FOR APPROVAL

CASH DISCOUNT

COPY FOR DEPARTMENT FILES

Order No. 8673

UNIVERSITY OF CALIFORNIA
BERKELEY - CALIFORNIA

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2. Report all shortages, substitutions and breakage at once to Purchasing Department, California Hall.
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Dept. No. 155
BOTANY GARDENS
10-4-30

R. C. GREGORY
30 PRYCE ST.,
SANTA CRUZ - CALIFORNIA.

BOTANY GARDEN CANYON
UNIVERSITY OF CALIFORNIA
BERKELEY - CALIFORNIA.

CARTAGE ON 15 TRUCK LOADS SHRUBBERY FROM SANTA CRUZ
TO BOTANY GARDEN CANYON 20.00PER LOAD 300.00

TO BE DELIVERED IMMEDIATELY
PRICE AS QUOTED
GB

CASH DISCOUNT

UNIVERSITY OF CALIFORNIA

# GENERAL REQUISITION

No. .....

Department No. .....1.....

Date.....Aug. 29, 1930.....

*To the Comptroller of the University of California:*

Please furnish the following as a charge against....."Rhododendron Fund"

Purpose or use.....Rhododendron plantings

Cost not to exceed $..... Deliver to.....Botanical Garden

| | Quantity | Description | Total Net Price |
|---|---|---|---|
| | 1400 | Grain sacks of leaf mold, to be delivered within one week after receipt of order. May be "oak" "buckthorn," or "redwood" leafmold. Should be of uniform quality, roughly screened of stones, sticks, and other solid objects. Partly decayed and absolutely destitute of sticks or leaves of "California Laurel."<br><br>Samples to be submitted to Mr. K.H.Andries, Aptos, California, for his approval. | |

WAS

Form No. 109-12M-1-27 Copy for Department

October 1, 1930

To the President,
University of California,
Berkeley.

Dear Dr. Sproul:-

The Rhododendron matter has come to a head and prompt action is necessary along several lines. I have just been in telephonic communication with the Comptroller and understand that the method of financing is under way. It is very desirable that the appointment of Mr. Andries, already recommended to you, should be put through at once and as dating from September 1, since Mr. Andries has been giving his time to the preparation of the Botanical Garden for the reception of the collection.

The general understanding with Mr. Andries was that he would be appointed Rhododendron Expert and Acting Superintendent of the Botanical Garden, at a salary of $3000 per year. Two-thirds of this sum was to come from the Rhododendron Fund, the remaining third to be supplied out of University funds. It was Professor Goodspeed's understanding that you had agreed in general to this appointment and this division of the contributing financial sources.

In the second place, in order to move the Rhododendron collection, it is desirable to have particular understanding as to the payment of the purchase money. It seems to have been the verbal understanding that payment should be made at the time of delivery; that the price of the collection, date of June 1, 1930, was $8500; that after that time $50 a month rental of the plantation in Aptos should be paid and $75 a month to Mr. Andries until he should take over the University end. This makes about $9000, and the Comptroller assures me that arrangements are in proposal to pay Mr. Jongeneel his half of the purchase money at once and to make arrangements with Mr. Andries for certain installments. Mr. Andries hasiindicated to me his satisfaction with this arrangement.

I am sending this memorandum, hoping that I may be able to get into touch with you and discuss any portions of the situation which may need further consideration.

Very respectfully,

W. A. Setchell

October 1, 1930

Mr. M. Jongeneel,
Aptos, California.

Dear Mr. Jongeneel:-

I have just had a discussion with Mr. Andries and likewise a telephone conversation with the Comptroller of the University. As I understand it, the purchase price of the collection was set at $8500, date of June 1, 1930; that after that date $50 a month rent should be paid and $75 a month to Mr. Andries until his appointment to take charge of the collection on the University grounds. As I understand the Comptroller, arrangements are being made looking to the clearing up of the situation and it is proposed to pay you your half of the purchase money promptly. Other arrangements will be made with Mr. Andries, but I presume these do not concern you. While I am not justified in assuring you that your part of the purchase money will be paid promptly, I am myself thoroughly convinced of it. I feel that you need not be anxious concerning the matter, and a statement has been made to the President of the University along the lines I have just written to you. I trust that within two or three days we shall be able to talk to you more definitely in regard to the actual time of payment.

Trusting that this letter may inform you as to the situation, I remain

Very respectfully,

W. A. Setchell
Professor of Botany

Aptos. Oct. 7th. 1930.

Prof. W.A.Setchell.
Botany dept.University of Cal.
Berkeley. Cal.

Dear Dr. Setchell:

I thank you for your letter of Oct Ist, which is the first thing I have on the subject in writing from the University. Although there was a perfectly clear understanding verbally, between Dr. Goodspeed, Andries and myself, before Dr. Goodspeed left, I can readily understand that in the rush of leaving, he had no time to write me, as he said he would.

The conditions of our agreement as mentioned in your letter are substantialy correct, but the exact wording of these conditions are contained in a written agreement between Mr. Andries and myself, dated April Ist 1930, and the original of which we left with Dr. Goodspeed; that part of this agreement which concers the University, reads as follows :

—— . ——

" In regard to the pending deal with the University of California people: I understand that you made them a price of eighty five hundred dollars, plus my actual expenses from Jan Ist 1930 to June Ist 1930, which Expenses we now estimate at four hundred dollars.

" It now seems possible, that the U.C.people may not be able to complete the deal before June Ist 1930 and I am willing to give to them the use of the buildings, consisting of the cottage, lathhouse and propagating house and the premises on which these are situated, for a monthly rental of fifty dollars from June Ist 1930 to November Ist 1930 and after that for a monthly rental of seventy dollars; rental to be due and payable at the end of each month and as long as plants are kept on the premises or any of the buildings are occupied. I will agree to pay for water and electricity as long as the present rates are in effect; but if rates are raised or meters put in, they agree to pay for the water and electricity they use; they further agree to pay you and any other expenses and agree to keep the buildings in good repair and turn them back to me in as good condition as they are now, allowing for reasonable wear and tear.

" In case this deal is not closed the U.C? people shall forfeit all moneys they shall have paid for rent, labor or anything else. "

—— . ——

Between Jan Ist and June Ist we sold a number of plants, with the approval of Dr. Goodspeed, and before he left we gave him an itemized account in full to June Ist, which showed that we sold plants to the value of $399.65 and that my expenses were $349,84 leaving a balance in your favor of $49.8I so that the amount due us on June Ist was #8500.00 less $ 49.8I or $ 8450.I9.

You are right in presuming that it is no concern of mine what arrangement you make with Mr, Andries for his share; but Dr. Goodspeed telephoned me on June 3rd that it had been arranged to proceed on the rental basis, that both Mr, Andries and I could figure on our respective payments on the first of July, that he expected that the money would all be available before very long and that I would be paid for my share in full. Mr. James B.Smith, who had agreed to try and secure the necessary funds, summoned us to his office in S.F. and we met him there on July Ist at 3 p.m. at which time he informed us that the money had been pledged and that we need not worry about it and would be paid according to our agreement with Dr. Goodspeed.

Although we have so far received no payment at all we have therefore not worried, as we realize that on account of Dr. Goodspeed leaving town we are liable to be claims

I thank you for writing me, as it gave me an opportunity to explain to you our understanding of the matter and hope you will excuse this long letter.

While Mr. Andries and I do not devide exactly on a fifty-fifty basis, I believe it is the simplest way if you pay me one half; this is a also satisfactory to Mr. Andries, who has a copy of this letter. He and I will then ~~xx~~ adjust our personal settlement later.

Hoping that this letter will help to clear matters and that a payment will be made before the plants are moved,

sincerely yours

M. Jongeneel.

October 9, 1930

Mr. M. Jongeneel, Esq.,
Aptos, California.

Dear Mr. Jongeneel:-

Replying to your letter of October 7, which came in yesterday:

I have had a talk with Mr. Andries this morning and have also been in communication with the President's Office. The President's Office assure me that the program I outlined to them and which was contained in my letter of October first, has passed the President's Office and will be presented to the Board of Regents at their meeting on October 31. There is every reason to believe that action will be taken at that meeting, and favorable, so that the moneys ought to be ready to be paid over within a week after that meeting. I feel, therefore, that you can dismiss the matter from your mind and suffer no further inconvenience except in the matter of delay. The Regents demand 30 days after delivery for cash payments. This is a rule which I presume you will observe.

It seems to me that the matter is now practically settled and there is little reason to believe there will be any further difficulty in the case, at least as concerns your end of the transaction.

Very respectfully yours,

W. A. Setchell
Professor of Botany

OFFICE OF THE COMPTROLLER

*Berkeley*, November 3, 1930

Professor W.A. Setchell
Department of Botany
Campus

Dear Professor Setchell:

Replying to your letter of October 30, I have to advise that during the coming week Mr. James B. Smith will turn over to the University cash receipts of the first year's subscription requirements totalling in excess of the $25,000.00 promised. As soon as this is received, arrangements will be made to officially confirm Mr. Andries' appointment and to pay Mr. Jongeneel for his portion of the collection.

Very truly yours,

L. A. Nichols

L. A. NICHOLS

LAN:LC

November 4, 1930

Mr. M. Jongeneel,
Aptos, California.

Dear Mr. Jongeneel:-

I am sending you a copy of a letter just received from the Comptroller of the University in regard to the Rhododendron Project. By this you will see that things are moving, although perhaps rather slowly. I trust that before the month is up you will receive definitely your share of the proceeds. I have also been in communication with Mr. James Bernard Smith of San Francisco. The financial end of the Project is certain. The money and agreements are now ready to be turned over to the Board of Regents of the University, who will undoubtedly act at their first meeting after receipt. After that, it will be a fairly simple matter, I judge, to arrange for your payment. I trust that you will be of courage and not feel that there is anything going wrong. It is only delay, and that is always the case in a project of this sort and in the case of a public corporation like the Board of Regents of the University of California.

With every assurance of sympathy with you in the various delays, I remain

Very respectfully yours,

W. A. Setchell
Professor of Botany

November 4, 1930

To the Comptroller,
California Hall,
Campus.

Dear Mr. Nichols:-

This is to acknowledge receipt of your letter of the 3d, apropos of arrangements on the Rhododendron Project. I have written Mr. Jongeneel, quoting your letter, since Mr. Jongeneel is rather of a nervous disposition and seems to be worrying about the certainty or uncertainty of his payments.

Thanking you for your kindness in keeping me informed, I remain

Very respectfully,

W. A. Setchell
Chairman, Dept. of Botany

OFFICE OF THE COMPTROLLER

Berkeley, November 6, 1930

Professor W.A. Setchell
Department of Botany
Life Sciences Building

Dear Professor Setchell:

Tuesday afternoon I received from Mr. James B. Smith pledges totaling $26,500.00 on account of the rhododendron fund. In addition to this, there was received $600.00 in outright contributions, making a total of $27,100.00.

Of the above mentioned pledges, $5,300.00 has been paid on the first year's subscription so that at present we have $5,900.00 available for expenditure. This, of course, will not suffice to cover the first year's expense, but will be supplemented by recommendations to the Regents covering the advance of the additional sum necessary to cover the purchase and maintain the collection during the first year.

As soon as I return from Southern California I will see that payment is made to Mr. Andries on account of his services, and that the bill from Mr. Jongeneel covering 1/2 the purchase price of the collection is also paid.

Very truly yours,

L. A. Nichols

L. A. NICHOLS

LAN:LC

OFFICE OF THE COMPTROLLER

*Berkeley*, November 7, 1930

Professor W.A. Setchell
Department of Botany
Campus

Dear Professor Setchell:

Mr. Nichols has referred to me your letter of November 5 for reply.

I have conferred with Mr. Reynolds relative to the fund that was originally set up for the refrigeration work in connection with the Vivarium Project, and I find that this was paid from "Research." It would be necessary, therefore, for you to draw a requisition for the $100.00 necessary to complete this construction. It is my understanding from Mr. Reynolds that $50.00 will be applied on the cost of the refrigeration, and that the other $50.00 will be necessary to complete the electrical connections by Mr. Hugill's department.

Very truly yours,

D. G. Maclise

D. G. MACLISE
Asst. Comptroller

DGM:LC

November 7, 1930

M. Jongeneel, Esq.,
Aptos, California.

Dear Mr. Jongeneel:-

Knowing that you are anxious concerning the Rhododendron Project, I am writing to report what progress has been made, in order that you may be reassured and enabled to endure the delay, which is annoying but I trust not serious. I have just received a letter from the Comptroller this morning, stating that the payments have been made by the committee in charge, in the City of San Francisco, through Mr. Smith, and that the agreements for the remainder of the moneys are also in his hands. It will take a few days for these matters to be adjusted financially, the proper papers drawn, etc. The Comptroller writes me that he is just leaving for southern California and as soon as he is back he will see that proper arrangements are made for paying you, and so I trust the matter will not be much longer delayed. I am writing this simply to let you know that things are moving, that we are not asleep on the job, and that there is no danger of your not getting your money although every one of us regrets the delay.

In speaking of agreements, you must remember that there were no agreements entered into, but assurances given you by the people who were trying to put the matter through. Those assurances, however, are in our minds as binding as definite agreements, drawn up on paper. The only matter is in regard to the time limits, etc., and these could not be agreed upon in any case. However, I trust that within the next week you will receive your money.

Very sincerely yours,

W. A. Setchell
Professor of Botany

UNIVERSITY OF C.
BERKELEY CAL.

COPY FOR DEPARTMENT FILES

Order No. 8095 145

1. Check all shipments immediately upon receipt.
2. Report all shortages, substitutions and breakage at once to Purchasing Department, California Hall.
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Dept. No. 145

BOTANY GARDEN
11/12/30

PAUL L. TALLMAN
573 OCEAN ST.
SANTA CRUZ CAL.

BOTANICAL GARDEN
UNIVERSITY OF CALIFORNIA
BERKELEY CAL.

1136 GRAIN SACKS LEAF MOLD, AS PER SAMPLE SUBMITTED TO MR. ANDRIES, OAK, BUCKTHORN OR REDWOOD LEAFMOLD, UNIFORM QUALITY, ROUGHLY SCREENED OF STONES, STOCKS AND OTHER SOLID OBJECTS. PARTLY DECAYED AND ABSOLUTELY DESTITUTE OF STICKS OR LEAVES OF CALIFORNIA LAUREL 300.00

CORRECTED ORDER, CANCELLING ORDER DATED 9/25/30

DELIVERY MADE.
PRICE FROM BILL DATED 10/22/30
MS
FOB UNIVERSITY - DELIVERY CHARGES PREPAID

CASH DISCOUNT

Edward G. Vandevere, D.D.S.
Medico-Dental Building
San Francisco

November
19th
1930

Dear Dr. Setchell:

The snapshots of the recent developments in the Botanic Garden are enclosed. I hope they will prove to be of great interest, for the purpose of comparison, in a few years.

There is also enclosed for your consideration, a prospectus of "The New Flora and Silva", pursuant to your kindly expression of interest. Mr. E.H.M. Cox, as you will note, is a Fellow of the Linnaean Society, and not an "F.R.S." as my memory (such as it is) seemed to indicate.

Needless to say, I am looking forward to another audience with you in the near future. There are several irons warming.

With very best wishes,

Sincerely yours,

Edward G. Vandevere

D

Dr. W.A.Setchell
The Science Bldg.
University of California
Berkeley, California

REPORT ON RHODODENDRON COLLECTION: Nov 21 30

8. That the financial contributions and signed pledges of the following contributors to the rhododendron collection fund for the purchase, installation and maintenance of the rhododendron collection, totaling $27,100, be accepted:

| | Pledged | Paid |
|---|---|---|
| Mortimer Fleishhacker, Market & Sansome, St.,S.F.... | $2500 | $500 |
| William H. Crocker, Montgomery & Post St., S.F..... | 2500 | 500 |
| F. W. Bradley, Crocker Building, S.F..... | 2500 | 500 |
| An Alumnus..... | 2500 | 500 |
| John Francis Neylan, Crocker Bldg., S.F..... | 2500 | 500 |
| Selah Chamberlain, 850 Mills Bldg., S.F..... | 2500 | 500 |
| R. Stanley Dollar, 311 California St., S.F..... | 2500 | 500 |
| Sidney M. Ehrman, 700 Nevada Bank Bldg., S.F..... | 2500 | 500 |
| James B. Smith, 369 Pine Street, S.F..... | 2500 | 500 |
| E. L. Oliver, Federal Reserve Bank Bldg., S.F..... | 500 | 100 |
| Daniel E. Koshland,88 Battery St., S.F..... | 500 | 100 |
| J. D. Zellerbach, 343 Sansome St., S.F..... | 500 | 100 |
| Leland S. Rosener, 233 Sansome St., S.F..... | 500 | 100 |
| Walter S. Heller, Mills Building, S.F..... | 500 | 100 |
| John A. McGregor, 2800 Pacific Ave., S.F..... | 500 | 100 |
| Mrs. John A. McGregor, 2800 Pacific Ave., S.F..... | 500 | 100 |
| J. Sheldon Potter, 315 Montgomery St., S.F..... | 500 | 100 |
| Warren Olney, Jr., Balfour Bldg., S.F..... | 500 | 500 |
| Colis Mitchum, Financial Center Bldg., S.F..... | 100 | 100 |

That the following detailed budget covering the estimated cost of installation and maintenance over a period of five years be approved:

#3. - November 21, 1930.

Cost of Installation

| | | |
|---|---|---|
| 1. | Purchase price of collection (approx. 11,000 plants)..... | $ 8,750 |
| 2. | Moving collection from Aptos to University campus..... | 300 |
| 3. | One car load of leaf mould delivered at Botanical garden..... | 300 |
| 4. | Grading, trenching, etc., of site in Botanical Garden (4 men @ $5 per day for 25 days)..... | 500 |
| 5. | Installation of sprinkler system..... | 500 |
| 6. | Erection of lathhouse (approx. 6,000 sq. ft.)..... | 650 |
| | | $11,000 |

Cost of Maintenance for Five Years

| | | |
|---|---|---|
| 1. | Technical assistance in care of collection @ $2,000 per yr... | $10,000 |
| 2. | Additional garden labor in collection @ $500 per yr..... | 2,500 |
| 3. | Water for collection @$300 per yr..... | 1,500 |
| | | $14,000 |

That the expenditure of $13,800 during the first year in advance of the receipt of the contributions be approved.

That Mr. Carl Andries, be appointed Rhododendron Expert and Acting Superintendent of the Botanical Garden, for the period September 1, 1930 to June 30, 1931, with salary at the rate of $3,000 per annum, chargeable as follows: $2,000 per annum to the Rhododendron Donation and $1,000 to the amount provided in the next item below.

That the sum of $833.30 be transferred from the President's Emergency Fund to Botany: Salaries - Group B to provide, in part, for the appointment of Carl Andries.

That the expenditures covering maintenance items for this budget be made upon the approval of Mr. E. A. Hugill, Superintendent of Grounds and Buildings.

REPORT ON RHODODENDRON COLLECTION:

8. That the financial contributions and signed pledges of the following contributors to the rhododendron collection fund for the purchase, installation and maintenance of the rhododendron collection, totaling $27,100, be accepted:

| | Pledged | Paid |
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| F. W. Bradley, Crocker Building, S.F..... | 2500 | 500 |
| An Alumnus..... | 2500 | 500 |
| John Francis Neylan, Crocker Bldg., S.F..... | 2500 | 500 |
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| Walter S. Heller, Mills Building, S.F..... | 500 | 100 |
| John A. McGregor, 2800 Pacific Ave., S.F..... | 500 | 100 |
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| J. Sheldon Potter, 315 Montgomery St., S.F..... | 500 | 100 |
| Warren Olney, Jr., Balfour Bldg., S.F..... | 500 | 500 |
| Colis Mitchum, Financial Center Bldg., S.F..... | 100 | 100 |

That the following detailed budget covering the estimated cost of installation and maintenance over a period of five years be approved:

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Cost of Installation

| | | |
|---|---|---|
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| | | $11,000 |

Cost of Maintenance for Five Years

| | | |
|---|---|---|
| 1. | Technical assistance in care of collection @ $2,000 per yr... | $10,000 |
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| 3. | Water for collection @$300 per yr..... | 1,500 |
| | | $14,000 |

That the expenditure of $13,800 during the first year in advance of the receipt of the contributions be approved.

That Mr. Carl Andries, be appointed Rhododendron Expert and Acting Superintendent of the Botanical Garden, for the period September 1, 1930 to June 30, 1931, with salary at the rate of $3,000 per annum, chargeable as follows: $2,000 per annum to the Rhododendron Donation and $1,000 to the amount provided in the next item below.

That the sum of $833.30 be transferred from the President's Emergency Fund to Botany: Salaries - Group B to provide, in part, for the appointment of Carl Andries.

That the expenditures covering maintenance items for this budget be made upon the approval of Mr. E. A. Hugill, Superintendent of Grounds and Buildings.

(COPY)

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

Berkeley, California, November 22, 1930

Professor W. A. Setchell
Department of Botany.

Dear Professor Setchell:

At the meeting of The Regents of the University of California held on November 21, 1930, approval was given the recommendation of the Finance Committee that the financial contributions and signed pledges of contributors, amounting to $27,100, for the purchase, installation and maintenance of the rhododendron collection be accepted; and that the detailed budget shown on the attached covering ~~covering~~ the estimated cost of installation and maintenance over a period of five years be approved.

Yours very truly,

(Signed) L. A. Nichols

(COPY)

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

Berkeley, California, November 22, 1930

Professor W. A. Setchell
Department of Botany.

Dear Professor Setchell:

At the meeting of The Regents of the University of California held on November 21, 1930, approval was given the recommendation of the Finance Committee that the financial contributions and signed pledges of contributors, amounting to $37,100, for the purchase, installation and maintenance of the rhododendron collection be accepted; and that the detailed budget shown on the attached covering ~~covering~~ the estimated cost of installation and maintenance over a period of five years be approved.

Yours very truly,

(Signed) L. A. Nichols

(COPY)

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

Berkeley, California, November 22, 1930

Professor W. A. Setchell
Department of Botany.

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Yours very truly,

(Signed) L. A. Nichols

(COPY)

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

Berkeley, California, November 22, 1930

Professor W. A. Setchell
Department of Botany.

Dear Professor Setchell:

At the meeting of The Regents of the University of California held on November 21, 1930, approval was given the recommendation of the Finance Committee that the financial contributions and signed pledges of contributors, amounting to $27,100, for the purchase, installation and maintenance of the rhododendron collection be accepted; and that the detailed budget shown on the attached covering the estimated cost of installation and maintenance over a period of five years be approved.

Yours very truly,

(Signed) L. A. Nichols

December 4, 1930

Mr. James Bernard Smith,
Exchange Block, Pine St.,
San Francisco

Dear Mr. Smith:-

The University authorities have released the story of the Rhododendron Project and I am sending you a clipping from the "U.C.Clip Sheet." I trust that everything is correct, but I had no hand in getting together the list of names. These, I presume, were furnished by the Comptroller's Office, or possibly from the Office of the President. I may report that things are progressing favorably with the collection. The plants are doing well in the lath house and we are now trying to get bids for the installation of a sprinkler system in the tract where the first rhododendrons are to be placed when removed from the lath house. Mr. Andrics is on the job and very busy. I am hoping to have the road fixed up to the garden soon, and while I shall be glad to see you at any time, I will let you know later when the garden becomes a little more easy of access. This, I hope, will be soon but the University moves slowly, as probably you know. We are all certainly very much interested in this collection and our kindliest feelings are toward you in particular and all the others who have assisted in obtaining and installing this very welcome gift. It will be some time, perhaps, before much showing can be made, but the foundations are being laid adequately and permanently, I judge.

With very best regards to both you and Mrs. Smith, I remain

Very sincerely & gratefully yours,

W. A. Setchell
Professor of Botany

(Release Saturday Afternoon, Dec. 6)

# RHODODENDRON COLLECTION IS GIVEN TO U. C.

BERKELEY, Dec. 6.—A rhododendron collection, said to be the finest in the United States, has been presented to the University of California by a group of donors, according to announcement by President R. G. Sproul. The collection contains 10,000 specimens, more than half of which are of especial interest.

The collection was purchased from Carl H. Andries and M. Jongeneel, who had propagated the plants at their nursery at Aptos, near Santa Cruz. An informal committee of San Francisco men secured the donations, amounting to $27,100, to finance the purchase and care of the collection for five years. This committee consisted of James B. Smith, Walter D. Bliss, Dr. E. G. Vandevere, and H. Koenig.

### Donors are Listed

The list of donors includes Regents Mortimer Fleishhacker, William H. Crocker, Sidney M. Ehrman, and John Francis Neylan, An Alumnus, F. W. Bradley, Selah Chamberlain, R. Stanley Dollar, James B. Smith, E. L. Oliver, Daniel E. Koshland, J. D. Zellerbach, Leland S. Rosener, Walter S. Heller, John A. McGregor, Mrs. John R. McGregor, J. Sheldon Potter, Warren Olney, Jr., and Colis Mitchum, all of San Francisco.

The rhododendrons are to be placed along the banks of Strawberry Creek in the canyon, where the botanical garden has been laid out. Some of the duplicates of less interesting varieties are to be used in other places about the campus for beautification.

### Andries Comes to University

With the announcement of this gift to the University, is the statement that Andries will come to the Berkeley campus as superintendent of the Botanical Garden and rhododendron expert. He is a native of Germany and was trained in that country, having been associated with several large seed firms there. Later he was propagation expert for a large museum in New Zealand, and more recently was employed at Golden Gate Park in San Francisco, where there is a fine collection of rhododendrons. While there he was able to grow from seed many rare species from the Himalaya Mountains.

The collection was offered to the University several months ago, and through the efforts of Professors T. H. Goodspeed and W. A. Setchell of the Botany Division and the San Francisco committee, funds were secured for its purchase.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

December 5, 1930

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

Dear Dr. Vendevere:-

I am sending you a clipping from the U.C.Clip Sheet, issued by the administration, which is their first public announcement of the Rhododendron Project. I inquired into the matter you spoke to me about and feel that there is no reason for being particularly concerned. Of course we should like to have the veterinary work elsewhere, but we must remember that we butted in on their tract -- on the general understanding from them that they were about to retire. I cannot as yet get any confirmation of the fact that the Project is so extensive as was indicated to you. We are just getting ready to install the sprinkling system on the general area and are having our troubles about plans and specifications.

Hoping to see you over here again soon,

I remain

Very sincerely yours,

W. A. Setchell

W. A. Setchell
Professor of Botany

December 5, 1930

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

Dear Dr. Vendevere:-

I am sending you a clipping from the U.C.Clip Sheet, issued by the administration, which is their first public announcement of the Rhododendron Project. I inquired into the matter you spoke to me about and feel that there is no reason for being particularly concerned. Of course we should like to have the veterinary work elsewhere, but we must remember that we butted in on their tract -- on the general understanding from them that they were about to retire. I cannot as yet get any confirmation of the fact that the Project is so extensive as was indicated to you. We are just getting ready to install the sprinkling system on the general area and are having our troubles about plans and specifications.

Hoping to see you over here again soon,

I remain

Very sincerely yours,

W. A. Setchell
Professor of Botany

December 5, 1930

Professor T. H. Goodspeed,
Harnach-Haus,
Berlin-Dahlem, Germany.

Dear Goodspeed:-

Just a word, to accompany the enclosed copy of the "Clip Sheet," which will convey the information of interest to you. The matter of the Rhododendron Project was formulated in the President's Office. I had nothing to do with it, and trust you will not think I am trying to step in under your halo and absorb too much of the credit. I have kept very quiet indeed, waiting for the Administration. Whether there will be any further interest, I do not know. We are just getting ready to call for bids for installing a sprinkler system; otherwise I do not know that there is anything of particular interest.

With best regards to you and to the family I remain

Very sincerely yours,

W. A. Setchell
Professor of Botany

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

December 5, 1930

M. Jongeneel, Esq.,
Aptos, California.

Dear Mr. Jongeneel:-

I am sending you herewith a copy of the news item sent out from the President's Office of this University in regard to the Rhododendron Project. You will notice that your name is mentioned in the list of donors, committees, etc.

Very respectfully,

W. A. Setchell
Professor of Botany

December 5, 1930

M. Jongeneel, Esq.,
Aptos, California.

Dear Mr. Jongeneel:-

I am sending you herewith a copy of the news item sent out from the President's Office of this University in regard to the Rhododendron Project. You will notice that your name is mentioned in the list of donors, committees, etc.

Very respectfully,

W. A. Setchell
Professor of Botany

Rhododendron Grove

JAMES B. SMITH
EXCHANGE BLOCK
SAN FRANCISCO

December
eighth
Nineteen thirty

Dr. W. A. Setchell,
Professor of Botany,
Department of Botany,
University of California,
Berkeley, California.

Dear Dr. Setchell:

Thank you for your communication of December 4th enclosing clipping concerning the Botany Garden and the Rhododendron Collection.

I am pleased to know that everything in connection with the Collection is going along in a satisfactory manner.

With kindest regards,

Sincerely yours,

James B. Smith

JBS:EH

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CONSULTING ENGINEER
233 SANSOME STREET
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December 26, 1930

W. A. Setchell, Esq.,
Professor of Botany and
Chairman, Dept. of Botany
University of California

Dear Professor Setchell:

I wish to acknowledge receipt with thanks of your letter dated December 22 which I have read with great interest.

Yours very truly,

Leland S. Rosener

Leland S. Rosener/B

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December 27, 1930.

Mr. W. A. Setchell,
Professor of Botany
University of California
Berkeley, California.

Dear Mr. Setchell:

Thank you very much indeed for your very interesting letter of December 19th in which you have taken the trouble to give an account of the collection of rhododendrons which has been given to the Department of Botany of the University. This gift was made by quite a large number of people, and I am happy to say that I was privileged in being asked to join in the undertaking.

I hope some time to find the opportunity to visit this Department of the University and see the splendid progress which is being made.

Yours very sincerely,

Wm H. Crocker

E. S. HELLER (1889-1926)
SIDNEY M. EHRMAN
JEROME B. WHITE
F. M. McAULIFFE
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ATTORNEYS AND COUNSELORS AT LAW
NEVADA BANK BUILDING
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CABLE ADDRESS
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CODE

SUBJECT:

DECEMBER 24,
1 9 30.

Professor W. A. Setchell,
Department of Botany, University of California
Berkeley, California.

Dear Professor Setchell:

Thank you very much for your nice letter of December 22nd. I shall take advantage of your invitation when next I come to the University Campus and take a chance of finding you in on one of my visits.

I am much interested in what you say regarding the proposed planting of the Rhododendrons. I was in England this year and was quite carried away by the beauty of the Rhododendron which they have there. In Richmond Park there are actually miles of hedges, the trees standing twelve to fifteen feet high, and as for variety, there is a special park in London devoted entirely to them and which is really a sight. For the moment I have forgotten its name. If these plants thrive in a few years we will have a very attractive garden.

Sincerely yours,

Sidney M. Ehrman

CABLE ADDRESS
JAYEFEN

JOHN FRANCIS NEYLAN
ATTORNEY AT LAW
CROCKER FIRST NATIONAL BANK BUILDING
SAN FRANCISCO

December 24, 1930

Professor W. A. Setchell,
Chairman, Department of Botany,
University of California,
Berkeley, California.

My dear Professor Setchell:

Thank you very much for your very kind letter of December 22nd.

I was very glad to be one of the group to acquire the collection for the University and you may be sure I will take a continuing interest in it.

I am so much involved at the present time that it seems impossible to get over on the campus, but, believe me, after the first of the year I shall do so without fail.

Very sincerely yours,

JFN:EH

file - Rhod - prospect

January 20, 1931

Mr. C. Mitchum,
405 Montgomery St.,
San Francisco

Dear Mr. Mitchum:-

Your very kind letter of January 3 came to me and pleased me very much. I am made very proud indeed when one ~~[illegible]~~ the old course of "Botany 1A." I feel very complacent indeed and thoroughly well satisfied with myself when I read your kind attribution of your interest to your experiences in that old and possibly somewhat sprawly course.

Trusting some day to see you over here -- possibly in a month or two or three, when the Rhododendrons will have expanded somewhat, I remain

Very sincerely yours,

W. A. Setchell
Professor of Botany

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SAN FRANCISCO January 3d, 1931.

Prof. W. A. Setchell,
Department of Botany,
University of California,
Berkeley, California.

Dear Professor Setchell:

Your letter of December 22d, thanking me for a contribution to the cost of installing your collection of Rhododendrons together with an invitation to visit the development, has been received. If an opportunity presents itself, I shall be glad to see the exhibit.

Although my contribution was a small one, at the time I made it memory went back twenty years to Botany 1A as directed by you in California Hall -- a course which I very much enjoyed. You might consider that seeds sown then have borne fruit.

Most sincerely,

C M Mitchell

CM:T

WALTER S. HELLER
767 MILLS BUILDING
SAN FRANCISCO

February Twenty-Fourth
1 9 3 1

My dear Professor Setchell,

I want to acknowledge, with thanks, receipt of your letter inviting me to come over to see the collection of rhododendrons. I look forward to doing so in the near future, and will advise you in advance. I will also look forward to seeing you, as it is many a long year since I have had that pleasure.

Way back in 1908-9, when this country was still 'Free', and belonged to the 'Brave', we used to meet occasionally on the last Southern Pacific boat, - and if I remember correctly, you also preferred it to the 'Key Route'.

With kindest regards, I am

Very truly yours,

Walter S. Heller

Professor W. A. Setchell,
Chairman of the Department of Botany
University of California,
Berkeley.

COLLEGE OF AGRICULTURE
DIVISION OF FORESTRY

Date: March 5, 1931.

To: Professor W. A. Setchell.

Subject: Plot of ground in Strawberry Canyon.

Dear Professor Setchell:

I would like very much to have the use for about eight weeks of a plot of ploughed ground 20 x 20 feet, in the vicinity of the plant garden in Strawberry Canyon.

The land is needed for the growing of a young stand of Bromus hordeaceus. The forage will be used for chemical analysis, hence the soil should be as uniform as possible. My chemical work with this species, from material grown last summer on the Oxford Tract, was unsatisfactory, apparently because of the inert matter contained in the soil.

I shall appreciate information from you as to the person in charge of the Strawberry Canyon land, in the event that you are not the person who has this area in charge.

Very truly yours,

A. W. Sampson,

Associate Professor of Forestry.

AWS:S

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY

Berkeley, March 9, 1931

Professor A. W. Sampson,
Division of Forestry,
College of Agriculture.

Dear Professor Sampson:-

In reply to your query of March 5 as to the use of a plot of ground in the vicinity of the Botanical Garden in Strawberry Canyon, I may say that we will very gladly do anything we can for you in this matter and if you will see me, and particularly if you can get in touch through Mr. J.W.McKay with Mr. Andries, we can ascertain whether there is any plot which will be available and suitable. I presume that you would be lively to be planting your crop very soon. If you will ring me up, or leave word at the Botany Office, local 260, as to when you can see me, I shall be very much obliged.

Very sincerely yours,

W. A. Setchell
Chairman, Dept. of Botany

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| 180 Ft | 1¼" " " | | |
| 340 Ft | 1" " " | | |
| 600 Ft | 3/4 " " | | |
| 880 Ft | 1/2 " " | | |
| 2 | 2" Galv Tee | | |
| 5 | 2 x 2 x 1¼ Galv Tee | | |
| 5 | 1 x 1 x 1¼ " " | | |
| 9 | 1 x 1 x 1/2 " " | | |
| 11 | 1 x 3/4 x 1/2 " " | | |
| 15 | 3/4 x 3/4 x 1/2 Galv Tee | | |
| 15 | 3/4 x 1/2 x 1/2 " " | | |
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| 2 | 1/2 x 1/2 x 3/4 " " | | |
| 2 | 2 x 1¼ Reducing Galv Ell | | |
| 1 | 1¼ 45 dergee Galv Ell | | |
| 1 | 1" Galv Ell | | |
| 2 | 1" 45 Degree Galv Ell | | |
| 2 | 3/4 Galv Ell | | |
| 3 | 3/4 45 degree Galv Ell | | |
| 21 | 1/2 Galv Ell | | |
| 3 | 1/2 45 degree Galv Ell | | |
| 7 | 1¼ x Close galv Nipple | | |
| 1 | 3/4 x short galv " | | |
| 1 | 3/4 x 6 " " | | |
| 1 | 1 x 6 " " | | |
| 2 | 1¼ x 3/4 Galv Cross | | |
| 2 | 1¼ x 1 Galv Bushing | | |
| 7 | 1¼ Angle Lawn Valves | | |
| 7 | Valve Shields | | |
| 69 | Thompson #132½ Rev.Heads | | |

Campus Imp & Rhodendron Fund

Bot Garden

August 5, 1931

Dr. John McLaren,
Golden Gate Park,
San Francisco

Dear Dr. McLaren:-

I had hoped to have had a little chat with you at the Grove - more in general than in particular - but there is one point which I feel perhaps that I may write to you about in connection with getting plants from Golden Gate Park, particularly from the nurseries. Mr. Andries would like from time to time to be able to do this, and has, I believe, your full permission and consent. He finds, however, that without some credential of some kind he does not find this easy, or at least it is somewhat embarrassing to him. Could you give us, or to Mr. Andries as you may see fit, some letter or credential which he could have to show your men concerned, so that they will not view him with suspicion or be doubtful as to their authority to let him have material of any kind? I think that you can trust Mr. Andries not to go beyond the interests of the Park in what he asks for or takes under supervision.

We are developing a few things now - not much perhaps that will be of interest to you as yet, but some things are coming soon which you may care to have from us. I can assure you that anything we have will be at your disposal, especially since you have been so kindly dooperative in every way in the past.

With very best wishes and with regrets that I did not see more of you at the Grove, I remain

Very sincerely yours,

W. A. Setchell
Professor of Botany

Memorandum to Professor Setchell concerning proposed acquisition by the University of a collection of Rhododendrons owned by Mr. Jongeneel and Mr. Andries and being grown at Aptos, California.

- - - - -

It is proposed that this collection be donated to the Botanical Garden of this University by a group of persons who have long been interested in this genus, and who recommend the collection as unique both in number of individual plants, and particularly in the representation of "species" which include many unnamed forms from the original collections of such men as Dr. Rock (attached is a complete list of the plants included in this collection).

At the present time Mr. James B. Smith, president, King Coal Company, Mr. Walter D. Bliss, of Bliss and Fairweather Architects, Dr. E.G. Vandevere of 490 Post Street, San Francisco, and Mr. H. Koenig, 1629 Waller Street, San Francisco, constitute an informal committee who have in charge the securing of $25,000.000 to purchase the collection, and to insure its maintenance in the Botanical Garden for a period of five years (the specific proposal is contained in the attached estimate which has been approved by Mr. Hugill and President-elect Sproul.

At the present time the sum of $750.00 has been secured to obtain an option upon the collection for the six months beginning June 1, 1930. Mr. Smith is drawing up a contract with the owners of the collection in this connection, and it is understood that the amount actually paid for this option will be deducted from the final purchase price. The gentlemen named above are confident that on or before September 1, 1930 the entire $25,000.00 will be secured.

I would call your attention to the item of maintenance which is included on the attached estimate. You will note that $2000.00 per annum for 5 years is set aside for the salary of Mr. Andries. It is understood by Mr. Hugill and President-elect Sproul that from the University budget $1000.00 annually would be added so that Mr. Andries' salary, from the time that the collection is presented to the University, will be at the rate of $3000.00 a year. The bringing of Mr. Andries to the Botanical Garden along with this collection is considered absolutely essential for the success of the project. In addition I would propose that Mr. Andries become the superintendent of the Botanical Garden with the understanding that he would be responsible, under my direction, for the maintenance of what has already been accomplished, and for the development which is in prospect. I may say that a certain difficulty arises in this connection since Mr. Andries is not, at the present time, an American citizen. He obtained his first papers some years ago,

but through a misunderstanding allowed his citizenship application to lapse. His first papers have been refiled and he proposes to complete his citizenship. His training and experience is of such a character that he could legimately be appointed under the circumstances on the ground that his ~~xxxxx~~ technical knowledge is indispensable for the success of the proposed addition to the Botanical Garden which is important both for the teaching and research of the Department of Botany. In support of this statement, I have secured certain testimonials, ~~copies of~~ which are attached. I may say that this situation has been discussed with Mr. Hugill and President-elect Sproul.

The Rhododendron collection consists of over ten thousand plants, approximately five thousand of these plants are of special interest, and it is proposed that they be placed within the present Botanical Garden area along the stream banks, both above and below the present dam. Mr. Andries and other experts in the culture of Rhododendrons approve this site and the former has examined it carefully and is in the position to go forward with such planting as might be done immediately following the acquisition of the collection. The remaining plants (approximately 5,000) are ultimately to be put at the disposal of the Department of Buildings and Grounds for the beautification of the lower Campus. This arrangement has been discussed with Mr. Hugill and President-elect Sproul.

In anticipation of the acquisition of this collection and of the employment of Mr. Andries, I am discussing with him the plans and proposals which have already been formulated as to the maintenance and development of the remainder of the present Botanical Garden area. If, and when, appointed he will thus be in a position to direct the work of the Garden during my absence.

Report to Professor Raber on proposals for development of botanical interests in Strawberry Canyon.

I. Description of area under consideration.

A. Location:---Approximately 300 acres, representing the majority of the land holdings in Strawberry Canyon not at present involved in the building projects of the University (outlined in red on attached map--Appendix A).

B. Topography:---Typical inner Coast Range canyon, long axis approximately E and W, almost directly east of Golden Gate; north facing slopes steep and clothed with vegetation, south facing slopes rather barren; includes a number of smaller articulating canyons which subdivide both slopes and produce diversity in vegetation and in physical factors.

C. Vegetation:---Approximately 50% of area is, vegetationally, fairly natural and typical in content; remainder has been modified during past 25 years to various extents, in part through tree plantings for watershed conservation, in part through plantings by the University, and to a considerable degree by grazing, and through the unrestricted use by the public of the whole area for recreational purposes. A partial picture of the extent to which intervention by man has altered the vegetational content and rendered unnatural the appearance of this section of terrain can be gained from appendices B to D. These photographs serve also to supplement the description just given of the area under consideration.

II. Importance of immediate preservation of unmodified portions of this area.

A. For teaching and research in biology:--- Real estate and other interests are rapidly destroying the typical flora and fauna of the Bay Region. Once lost, they can be reestablished only after a long period of protection, if at all. In addition, the particular tract under consideration is unique biologically, as indicated in letter of Professor Grinnell (Appendix E ).

B. In line with nation-wide Conservation Movement:--- On the biological side, the conservation movement is working toward the setting aside of representative natural areas which in the future will contribute to the well-being of the nation through their educational, aesthetic, and recreational aspects. Recent legislative appropriations in favor of a state park program indicate the extent to which public interest has been aroused in this matter. Preservation, with control and supervision, by the University, of a

Copy for Prof. Setchell

Memorandum to Mr. Andries

(1) Garden Help--(a) Two full time men (44 hours a week and 2 weeks vacation). Maggia and Pearson (b) money for extra help spring and fall--$500 approximate--see Mr. McKay as to this.

(2) Garden development--from Campus Improvement Fund--approximately $800.00 (and construction greenhouse @ $1500.00?). This $800.00 should be used for finishing pool and plantings about it (a) grading to be completed when you first take charge to cost approximately $50.00. Time slips to go to Mr. Hugill (Superintendent of Buildings and Grounds) (b) remainder to be used in concreting pool and plantings after first heavy rain (December?)

(3) Nicotiana experiment--land sufficient for 12,000 plants to be reserved for this experiment. Maggia to devote such time as is necessary to seeds and seedlings during March, April and May. Pearson to be responsible for tobacco field operations--planting, watering, cultivating--during May, June and July.

(4) Greenhouses--in spring Nicotiana experiment to have precedence in large greenhouse and one fourth of this greenhouse in equivalent to be similarly available during remainder of year. Otherwise all greenhouse space to be used for propogation of class and garden material.

(5) Class Material--Great care to be used in following directions as to propogation of such material. Lists of species and dates when need to be supplied by Mr. McKay or Mr. Court.

(6) You are to be in complete control over all operations in the garden except as dictated by Professor Setchell, Chairman, Department of Botany.

(7) Ribes Plantation--to be located S.W. of tobacco field according to understanding. Office of Blister Rust Control to pay as follows:

| | |
|---|---|
| (1) Fence (materials and labor) | $80.00 |
| (2) Grading | 25.00 |
| (3) Water and labor per annum | 100.00 |
| (4) Installation (planting, etc. of ca. 500 plants) | 50.00 |

Rhododendron Society

Mr. Edward G. Vandevere
4980 Post St. = Kearny 5830

Dr. H. - Koenig (Ph.D.) Dr. Bischoff
1629 Waller St. S.F. - Everg reen 5885

Walter D. Bleis (Carlinghall Balboa Bay)
2990 Vallejo St. Fillmore 4763

Rhododendron Project
Andrews understanding
Committee time Mr. Smith & Mr. Goodfellow

payments = on delivery =
9000.00
8500 = up to June 1 1930.
~~8500~~
$50 a month rent. =
75 " " for Andrews
up to delivery. =

understanding University is to
advance 6000.00 charge against
$25,000. =

9000.
650
300
300.
300 +
250 - labor,
300 - stumping
600 water

5000. =
6000. = —
1000. =
12000.00

Mr. M. Jourgensen

Andrews - began work - Sept. 1 -

Estimated cost of installation and maintenance of a Rhododendron collection, for the donation of which to the University of California $25,000.00 is to be provided.

Cost of Installation

| | | |
|---|---|---|
| 1. | Purchase price of collection, (approximately 11,000 plants). . . . . | $8750.00 |
| 2. | Moving collection from Aptos to University Campus. . . . . | 300.00 |
| 3. | One carload of leaf mould delivered at Botanical Garden. . . . . | 300.00 |
| 4. | Grading, trenching, etc. of site in Botanical Garden (4 men @ $5.00 for 25 days). . . . | 500.00 |
| 5. | Installation of sprinkler system . . . . . | 500.00 |
| 6. | Erection of lathhouse (Approx. 6,000 sq. feet. . . . . | 650.00 |
| | Total..... | $11,000.00 |

Cost of maintenance for five years

| | | |
|---|---|---|
| 1. | Technical assistance in care of collection at $2000.00. . . . . | $10,000.00 |
| 2. | Additional garden labor in collection @ $500. . . . | 2,500.00 |
| 3. | Water for collection @ $300 . . . . . | 1,500.00 |
| | Total..... | $14,000.00 |

appt of Mr Carl Andries as Supt. of Bot. Gardens at $3000.00 per year

Rhododendron

Committee + University = Purchase 8750.00
Moving 300.00
Leaf mould 300.00
Grading &c = 600
Sprinkler System 600.00
Latte House - 650.—
11000.00

Expense
Salary — Fund 2000
U.C. 1000
3000 —

Labor 300
Water 300 800

14,800

1st Year.

Comm. 5000 —
Univ. 6000 —
11000 —

University

Walter — { both for current installation
for installation of Rhododendrons

Appt. of Supt. of Bot. Garden —

Univ. Budget $1000 (annually) for salary
Supt. of Bot. Garden

6000.00 for 1930-31 —

Rebes Plantations

# Bedding Flowers.

| | | S. S. | S. Ger. | Flowers |
|---|---|---|---|---|
| Stock | (A.M.) | 1-27 | 1-31 | |
| Calendula | (F.M.) | 1-28 | 2-8 | |
| Calendula | (A.M.) | 1-28 | 2-3 | |
| Nemesia | (A.M.) | 1-28 | 2-2 | 4-26 |
| Phlox | (A.M.) | 1-28 | 2-6 | 4-30 |
| Phlox | (F.M.) | 1-28 | 2-6 | 4-30 |
| antirrhinum | (A.M.) | 1-28 | 2-7 | |
| Calendula | (A.M.) | 2-14 | 2-18 | |
| Stock | (A.M.) | 2-20 | 2-23 | |
| Sweet Peas | (F.M.) | 2-21 | 2-23 | |
| Phlox Drummondi | (F.M.) | 3-25 | 3-29 | |
| Nemesia Nana Compacta | (A.M.) | 3-25 | 3-29 | |
| Calendula | (A.M.) | 3-25 | 3-29 | |
| Antirrhinum | (A.M.) | 3-25 | 3-29 | |
| Cineraria | (S.P.) | 3-25 | 3-29 | |
| Delph. | (S.P.) | 3-25 | — | |
| Aster | (F.M.) | 3-30 | 4-1 | |
| Cosmos | | 4-6 | 4-8 | |
| Aster - Super Giant Los Angeles | | 4-6 | 4-9 | |
| " Heart of France | | 4-6 | 4-8 | |
| " Auror (Golden Sheaf | | 4-6 | 4-8 | |
| " Improved Crego | | 4-6 | 4-8 | |
| " American Beauty | | 4-6 | 4-8 | |
| " Giant Comet Salmon Queen | | 4-6 | 4-8 | |
| " Super Giant El Monte | | 4-6 | 4-8 | |
| Marigold - African Yellow Supreme | | 4-6 | 4-8 | |
| " Dixie Sunshine | | 4-6 | 4-9 | |
| " Orange Shaggy | | 4-6 | 4-9 | |
| " Chrisantha or Sunshine | | 4-6 | 4-11 | |

F. Lagomarsino Sons

# Class Material

| | | S.S. | S.Sr. | |
|---|---|---|---|---|
| Potato | | 1-15 | 1-24 | |
| Pumpkin | | 1-15 | 1-23 | (Plant 8 to 10 days earlier) |
| Tomato | | 1-16 | 1-23 | |
| Datura | | 1-20 | 2-13 | |
| Tomato | Rear | 3-13 | 3-18 | |
| Oats | (1 Row) | 3-19 | 3-31 | |
| Pumpkin | Cold frame | 3-25 | 4-11 | |
| Pumpkin | Prop. house | 3-25 | 3-29 | (Plant week earlier) |
| Oats | (1 row) | 4-6 | 4-12 | |
| Corn | (1 row) (Class Material under) | 4-21 | 5-1 | |
| Oats | (1 row) (by entrance) | 4-23 | 4-30 | |
| ~~Alfalfa~~ | ~~(1 row) ( " " )~~ | 4-23 | ~~4-30~~ | |
| Pumpkin | (Prop. House.) | 4-27 | 5-1 | |
| ~~Oats~~ Alfalfa | (1 row) (by entrance) | 5-19 | 5-27 | |
| Corn | (1 row) (C. M. S.) | 5-19 | | |
| Alfalfa | (1 row) (Tobacco field) | 5-20 | ~~5-27~~ | |

RHODDES. FROM GABLE.

SOIL MIXTURE:- 1 P. PEAT, 1 P. PINENEEDLE, SAND. finely screened, pots plunged in potassium water. (very few seeds in packets.)

| | | | | |
|---|---|---|---|---|
| 36.248 | R. SP. NOV.? | KW 11612 | 5.5.29 | G-6-14- GOOD |
| 36.249 | SERIES ANTHOPOGOM | KW 11569 | 5.29 | G-6-14- FAIR |
| 36.250 | R. SP. NOV.? | KW 12438 | 5.29 | G-6-11- FAIR |
| 36.251 | R. CALOPHYLLUM? | KW 11532 | 5.29 | |
| 36.252 | SERIES THOMSONII SP. NOVA.? | KW. 11587 | 5.29 | |
| 36.253 | LACTEUM SERIES | KW. 11586 | 5.29 | |
| 36.254 | R. WIGHTII VAR. | KW. 11588 | 5.29 | |
| 36.255 | R. BOOTHII | KW. 12414 | 5.29 | |
| 36.256 | R. CINNABARINUM VAR. | KW. 11568 | 5.29 | |
| 36.257 | R. LANATUM VAR. NOV. | KW. 11570 | 5.29 | G-6-20. POOR |

U.C.B.G. SEEDS. (1935)

SEEDS SOWN IN 3" POTS JULY 7, 1936

(saved some seeds in each packet)

R. AUGUSTINII x R. ROYLEI

R. HAEMATODES x R. KINGIANUM

R. EXIMIUM G-7-23-36

R. DECORUM x R. LODERI G-7-23-36

R. THE "MAHOGONY" TRIFLORUM KW { 5667 / 5687A } G-7-30-36

R. RIREI G-7-27-36

R. NERIIFLORUM G-7-23-36

R. COLOPBYTUM G-7-22-36

R. PEREGRINUM G-7-28-36

R. NERIIFLORUM x R. HAEMATODES

{ R. AUCKLANDII = R. GRIFFITHIANUM X G-7-28-36
R. SBILSONII = { R. BARBATUM x R. THOMSONII }

5-8-35:/

33/6268 - Triosteum. ✓
33/6221 - Thermopsis inflata ✓
6275 - " sp. ✓
5669 - Viburnum betulifolium ✓
5572 - Prunus aff. latidentata ✓
5574 - " serrula v. tibetica ✓
5667 - Viburnum Veitchii ✓
5665 - " cordifolium ✓
5648 - Sorbus sp. ✓
6299 - Sophora vicifolia ✓
22020 - Pterostyrax sp. ✓

5-14-35:/

23289 - Yapus. ✓

Thursday. 13th June. Sowing

Seeds from Stellenbosch S. Afr.
Sown in cardy pots leaf mould.

35/753 - Hymenocyclus Herrei
754 - " luteolus
752 - " crocens 6-19
755 - " lutens
745 - Drosanthemum latipetalum
747 - " Schwantesianum 6-17
749 - " subulatum G. 6-16
750 - " subcompressum 6-17
746 - " Greenii
746 " Luederitzii
742 " concavum
743 " aversifolium G. 6-16
748 " speciosum Robertson 6-17
759 Mesemb. Pitterii
760 " polyanthum
758 " Comptonii v. racemosum
757 " Comptonii
756 " aureum
790 " obtusum 6-18
778 Dicrocaulon inflexum
779 " unicomparum
780 " Pole-Evansii
781 " parvulum
786 Lithops andrusensis 6-19
785 " Auoliviacea
784 " Herrei 6-19
783 " Helmertii 6-18.
787 Frithodadema olivaceum 6-17
788 " Rogersiae 6-18
775 Cylindrophyllum Longwellii 6-18

774 - Cyclodrophyllum Conjtonii 6-18
792 - Ophthalmophyllum Friedrichiae Dawson
772 Charidopsis alata 6-17
751 Crispia viridis
773 Cryptystylis pubescens
776 Dactylopsis digitata G. 6-16
761 Psilocardon speciosum 6-19
782 Herea G. 6-16
777 Didymoplexis lepidopsis 6-17

Friday 16th June

798 Anacamptis Barsicii 6-16
799 " cimita 6-16.
800 " pauciflora 6-16
796 " albissima 6-16
802 " telephrastum 6-16
797 " anthropodes 6-16
801 " insperata 6-17
775 Rhynchorchis nonimpressa 6-19
763 " altiflora 6-18
766 " conjuncta
768 " Fullerii 6-18
769 " intermedia 6-18
731 Bridarias splendens 6-17
735 " pentagona 6-17
733 " Rabiei
732 " radicans
734 " multisiriata
737 Dendrobium crassum
739 " imbricata
741 " tortacum 6-17

738 Delosperma herberi
740 Delosperma wisleum 6-19
793 Pleurospilos latipetalus 6-19
736 Lapidophyllum salicaetum
805 Crassula barbata
789 Titanopsis Hugo-Schlechteri
794 Psammophora Herrei 6-18
791 Mesembria oculatum 6-17

6-17: in pots.

35-795 - Aloe glauca
- 804 - Crassula engyphyllum v. venosa
845 - Hesperantha Bulbii
764 - Ruschia callfere
762 - " addata
765 - " compactum
771 - " persistens
803 - Euphorbia Perlsp
767 Ruschia cornuta 6-19.

6-18: In pots.
35-841 Tritonia squalida
35-840 " scillens
-839 " hyalina
838 " clausa
836 Streptanthera cuprea
837 " " v. rosicola
835 Sparaxis tricolor
834 Ornithogalum verrucaloides
833 " spendens
832 " lacteum var. comicum

35-871 - Ornithogalum comicum
818 - Iris scariosa
842 - Hakonia [illegible]

Rock. Exp. 4·3·35.

Comp. equal part soil, leaf mould, peat ½ part sand.

Outdoors under lath shade.

23612 Acer. sp. ✓
23382 " tetramerum v. betulifolium ✓
22010 " sp. ✓
33/6274 Acanthopanax avodiaefolius ✓
33/6198 " avodiaefolius v. fer. ✓

4·4·35.

24276. Berberis ✓
24392. " ✓
33/5067. " ✓
25283 " ? should be Betula? ✓
33/5072. " ✓
33/5070. " ✓
22607 Magnolia sp? " 2 plants. ✓

4-16-35

33/5038 Clematis montana v. grand. ✓
5106 " " v. rubens ✓

4-18-35

33/5199 Iris sp. ✓
5201 " ". ✓
22051 Lonicera myrtillus ✓
24452 " thibetica ✓
5227 " tangutica ✓
5233 " deflexicalyx var. vera ✓
24546 " ✓
25383 " setifera ✓
33/5119 Cotoneaster ✓

4-18-35

33/5127 Cotoneaster acutifolia ✓
33/5122 " " Var. Villosula ✓
33/5123 " Dielsiana ✓
33/5125 " ✓
33/5124 " bullifolia Var. Vellaea ✓
23404 ~~Hacia~~ Larix ✓
22071 Corylus tibetica ✓
33/5187 ~~Ilex~~ ~~Hyp~~ dipyrena ✓
33/6199 Ilex ✓
33/5185 Hippophäe rhamnoides ✓
33/6197 Euonymus ✓
33/6169 Euonymus sp. ✓
33/5171 " nanoides ✓
22543 Li tingen ✓
24405 ~~Hyg~~ atrum ✓
4/29/35
23284 Magnolia sp. ✓
22607 " " (2 half flats) ✓
21991 " " ✓
33/5260 malus Rockii ✓
33/5311 meliosma cuneifolia ✓
33/6255 Photinia ✓
24568 " ✓ } same
33/6307 "
33/5364 Podophyllum sp. ✓
33/5639 Sorbus oligodonta ✓
33/5642 " Hilenae rufidula ✓
33/5636 " Vilmorini ✓
33/5657 " Hupehensis ✓
33/5646 " Aratii Var. Tatoiense ✓
33/5634 " Rehderiana Var. Cupro-nitens ✓

Rhododendron spp. to Edinburgh.

| | | | |
|---|---|---|---|
| 32/1815 | #88 | — | Augustinii. |
| 32/1914 | #5 | - | tephropeplum. |
| 2001 | #3 | - | " ? |
| 1813 | #1. | - | chartophyllum. |
| 1825 | #1. | - | polylepis. |
| 1841 | #10. | - | flavanotherum. |
| 1842 | - #1. | - | " |
| 2039 | - #1. | — | lapiflorum |
| 1812 | - | - | chartophyllum |
| 1950 | #1 | - | Sinii |
| 2188 | #3 | - | molle |
| 9999 | #1. | | |
| ? | #4 | - | Oldhamii |
| 1835 | #1 | - | cinnatum |
| 1879 | #4 | - | exoniense |
| 1904 | #2 | - | macrabianum |
| 1705 | #2 | - | C. O. Septa |
| 1965 | #6 | - | suberosum |
| 1056 | #1 | - | racemosum |
| 1981 | #1 | - | neriiflorum s. sp. euchaites |
| 1703 | #3 | . | diaspropes |
| " | #6 | — | " |
| 1905 | #1 | - | fragrantissimum |
| 10,000 | #1 | - | L. A. Hitz. |
| 188 | #11 | - | C. O. Nat. |
| 1958 | #2 | = | floccigerum |
| 1962 | #2 | - | " |
| 1745 | #2 | . | neriiflorum s. sp. euchaites |
| 1938 | #1 | - | Ag. sp. |
| 1948 | #6 | - | leptothrium. |
| 1839 | #1 | - | cinnabarinum |
| 2053 | #1 | - | Intricatum |
| 1822 | #1 | - | ~~rubiginosum~~ |
| | | | dasypetalum |

| | | |
|---|---|---|
| 1820 #7 | — | ? |
| 1751 #3 | — | desquamatum |
| 1948 #1 | — | lepidotherium |
| 1938 #2 | — | ? |
| 1852 #1 | — | lepidotum S. |
| 9999 #1 | — | Ag. — |
| 1414 #3 | — | rarum |
| 1846 #5 | — | hippophaeides |
| 1858 #1 | — | insalum |
| 1414 #2 | — | cantabile |
| 1408 #2 | — | paniflorum |
| 1403 #2 | — | rupicola |
| 1413 #2 | — | fastigiatum |
| 10,000 #1 | — | impeditum |
| 1399 #2 | — | fastigiatum forma |
| 1402 #2 | — | ? lepp. S. |
| 10,002 #2 | — | lepidotum |
| 1761 #1 | — | arboreum |
| 2313 #2 | — | mulicense |
| 1393 #1 | — | orthocladum |
| 10,004 #2 | — | gymnanthum |
| 10,003 #1 | — | sidnophyllum |
| 32/2111 #2. | — | Lindleyi |
| | | Bomarea sp |

| | | |
|---|---|---|
| 32/1706 #1 | decorum. | |
| 32/1789 #1. | Maddenii | |
| 32/1711 #1. | Sonlei | |
| 32/1914 #4 | leptropsephum | |
| 32/1836 #4. | triflorum | |
| 32/1830 #5. | tumetum | |
| 32/1812 #3. | chartophyllum | |
| 32/1823 #2 | " | |
| 32/1844 #1 | unifloorum | |
| 32/1751 #3 | desquamatum | |
| 32/1820 #1 | in S.? | |

Miscellaneous Rock seedlings to be planted in new nursery area

Primulas to be lifted from Dell & go into new bed by Bark House

Fuchsias to be lifted & potted.

Pine boughs to be placed around exposed areas in dell.

6-2-35 SOWN TO LATH HOUSE
COMP. 1 P. PEAT, LEAFMOULD, SAND.

33-1035 ACER CAMPBELLII
33-1036 ACER OBLONGUM
33-1037 " HOOKERI
33-1038 " LAEVIGATUM
33-1039 AMORPHALUS BULBIFERA
33-1040 BETULA UTILIS
33-1041 BOEHMERIA MACROPHYLLA
33-1042 " PALTYPHYLLA G-6-22-36
33-1043 " RUGULOSA G-6-22-36
6-4-36 33 1046 FRAXINUS FLORIBUNDA G-6-13-36 P.O. 6-30 (21 3 plants)
33 1047 KAEMFERIA SIKKIMENSIS G-7-25-36
33 1048 MAESA CHISIA G-7-13-36
33 1051 RHUS SEMIALATA
33 1052 RUBIA CORDIFOLIA
33 1053 SAMBUCUS JAVANICA G-7-19-36
33 1054 SAPIUM BACATUM
6/8/36 33 1055 " SEBIFERUM G-6-26-36
33 1056 SAUSSUREA DELTOIDEA G-6-11-36 P.O. 6-30 1 plant
33 1057 SELINUM TENUIFOLIUM G-6-21-36
33 1058 SENECIO ALATUS
33 1059 SMILACINA OLERACEA
33 1060 SMILAX FEROX
33 1061 SOLONUM NIGRUM G-6-12-36 P.O. 6-30 2 plants
33 1062 SPIRAEA SORBIFOLIA G-6-19-36
33 1063 SPONDIA ACUMINATA
33 1064 STEPHANIA ROTUNDA
33 1065 STYRAX HOOKERI
33 1066 SWERTIA BIMACULATA
33 1067 " CHIRATA
33 1068 " DILATATA
33 1069 SYMPLOCOS RAMOSISSIMA
33 1070 TABERNAEMONTANA CORONARIA
6/10/36 33 1071 TEPHROSIA CANDIDA G-6-23-36

33 1072 TERMINALIA BELERICA
33 1073 " MYRIOCARPA
33 1074 THUMBERGIA LUTEA
33 1075 UNCARIA PILOSA
33 1076 VIBURNUM COREACEUM
33 1077 VITIS CAPREOLATA
33 1078 VICCINIUM DUNALIANUM
33 1079 " GLAUCO-ALBUM
33 1080 " NUMMULARIA
33 1081 VIBURNUM STELLULATUM
33 1082 ZANTHOXYLUM ACANTHOPODIUM
33 1083 ZANTHOXYLUM ALATUM G 7-13-36
33 1084 ZANTHOXYLUM OVALIFOLIUM
33 1085 ZIZYPHUS JUJUBA

FROM BODNANT GARDENS, N. WALES.

33 989 CONYLUS FEROX VAR. THIBETICA
33 990 COTONEASTER SEROTINA

ROCK. COLL. 1934

35 1192 MECONOPSIS RUDIS

CALIFORNIA WILD FLOWER SEEDS
LESTER ROWENTREE - CARMEL, CALIF.
SOIL MIXTURE 1 PEET, 1 P. LEAF MOULD, 1 SAND.
(SAVED SOME SEEDS IN MOST POCKETS.)

7-20-36 36-388 ACTAEA SPICATA VAR. ARGUTA
36-389 AMERIA VULGARIS
36-390 ASTER TORTIFOLIUS
36-391 CAMPANULA PRENANTHOIDES
36-392 CASTILLEIA FOLIOLOSA
36-393 CASTILLEIA LATIFOLIA
36-394 CASTILLEIA PARVIFLORA
36-395 COREOTHROGYNE CALIFORNICA
36-396 CYNOGLOSSUM GRANDE
36-397 DELPHINIUM DECORUM
36-398 DENDROMECON RIGIDA
36-399 DICENTRA CHRYSANTHA
36-400 DICENTRA OCHROLEUCA
36-401 DODECATHEON HENDERSONII
36-402 ENCELIA FARINOSA G. 7-28-36
36-403 ERIOGONUM ARBORESCENS
36-404 ERIOGONUM GIGANTEUM
36-405 ERIOGONUM PARVIFOLIUM G. 7-30-36
7-22-36 36-406 ERIOPHYLLUM CAESPITOSUM
36-407 ERIOPHYLLUM CONFERTIFLORUM G. 7-30-36
36-408 GILIA CALIFORNICA
36-409 HAZARDIA CANA
36-410 HELIANTHEMUM SCOPARIUM VAR. VULGARE. G. 7-28-36
36-411 LAPPULA FLORIBUNDA
36-412 MIMULUS (DIPLACUS) PARVIFLORUS
36-413 OENOTHERA PALLIDA G. 6-27-36
36-414 PAEONIA BROWNII
36-415 PENTSTEMON PARISHII
36-416 PENTSTEMON CENTRANTHIFOLIUS
36-417 SILENE LACINIATA G. 7-28-36
36-418 SPHAERALCEA AMBIGUA G. 7-27-36
36-419 STANLEYA PINNATA. G. 7-28-36

7-22-36

36-420 SWERTIA RADIATA.

36-421 TRICHOGTEMA LANATUM.

36-422 VIOLA PEDUNCULATA.

3.22.35

Sown:/ Flats: to Lath House.

Comp:/ 1p. loam, 1p. leaf mould, 1p sand, 1p. peat.

Seed from Mrs Anita Rountree, Carmel.

Allium validum.
" unifolium
Calochortus nitidus
" splendens
" Plummerae
" obispensis
" leichtlinii
" Kennedyi
" clavatus
" catalinae
Fritillaria pudica
" lilacea
" pondersi
" biflora
" atropurpurea.
Lilium maritimum.

Same compost, in 4" pans, to prop. frame.

Dicentra chrysantha
Castilleia pinetorum
Trichostema lanatum
Horsethroggyne californica
Viola ocellata
Penstemon catonii
" laevisons
" ovatus
Viola pedunculata
Castilleia affinis var. linearifolia
Sphaeralcea coccinea

Delphinium decorum

Seed from Mr Schnabel: / Same treatment as preceding.

Campanula Piperi

Mar 29th

In flats to Lath House

| | | |
|---|---|---|
| | Delp. variegatum | 1 flat. |
| | Silene californica | ½ flat. |
| 33/5145 | Artemisia sp. | ½ flat |
| 33/5083 | Gilliesia pumilio | |
| | gymnanoxa | ½ flat |
| | Pentstemon cardifolius | ½ flat |
| | Oenothera Hookeri | ½ flat. |
| | Pentstemon Palmeri var. | |
| | grinnelli | ½ flat |
| | Pentstemon spectabilis | 1 row. |
| | Layia platyglossa | 1 row. |

In pots

| | | |
|---|---|---|
| 33/5263 | Schizanthus | 20 : 2½" |

| | | |
|---|---|---|
| (Sutton) | Delph. Nyssa | ½ flat |
| (Dobbie) | Aquilegia " | ½ flat |

| | |
|---|---|
| Delphinium hybrid | 1 flat. |
| Fremontia californica | 10 : 2½" |

Rock. Exp. 4.3.35

Comp. equal parts loam, peat, leaf mould
½ part sand.
to frames in Lath House

24595 Abutilon avicennae.
33/5018 Aconitum
22161 "
33/5021 "
33/5016 " (climber?)
33/5023 "
33/5022 "
~~23470 An~~
33/5020 "
33/5019 " multifidum
33/5025 " lycoctonum
23470 Anemone.

33/5141 Aquilegia oxysepala
5049 " "
5146 " sp.
5041 Anemone sylvestris
5041 " sp.
5042 " sp.
5039 " sp.
5046 " narcissiflora
5040 " "
5215 Ajuga sp.
5217 " ".
5085 Adenophora coelestis.
5051 ~~Artem~~ Artemisia gum. ex. 4-7-35.
24453 Astragalus
33/6220 " acaulis.

4-4-35:/

33/6194 Astragalus sp ✓
22163 Anthericum sp ✓
33/6203 Arenaria sp ✓
6240 " sp ✓
33/6243 Antennaria sp. ✓
33/6172 Braya sp. ✓
33/6280 Bergenia sp. ✓
23554 Cassiope ~~dendrotricha~~ dendrotricha
33/6253 Bernentia tibetica ✓
33/6174 " " ✓

4-5-35:/

33/5078. Caltha scaposa. ✓
5080. " palustris ✓
5082. " sp. ✓
5075. Buddleia Yallowiana ✓
5101. Cassiope dendrotricha ✓
6171. " palbebrata ✓
5063. Aster sp. ✓
5062 " " ✓
6181 " " ✓
5056 " " ✓
5055 " " ✓
5057 " " ✓
5054. " " ✓
5060. " " ✓
5058. " " ✓
5059. " " ✓
6234. " " ✓
5061 " " ✓
5053 " " ✓

33/5088 Caragana crassicaulis ✓
5093 " franchetiana ✓
5087 " jubata ✓
5086 " jubata ✓
5095 " tibetica ✓
5090 Calophaca polystichoides ✓
5089 " crassicaulis. ✓

4.6.35.

21992 Davidia involucrata 13 seeds.
(seeds did not seem viable, tissue within integument looked dead on seeds examined).

4.8.35.

Bomarea sp (M.C.B.S.). 1 plat.

4.16.35.

33/5115 Corydalis sp. ✓
5114 " " ✓
5113 " " ✓
5110 Codonopsis sp ✓
5109 " bulleyana ✓
~~6175~~ 5111 " sp. ✓
6196 " " ✓
6176 Clintonia sp. ✓
6175 " " ✓
5651 Cimicifugia sp. ✓
6180 Chrysanthemum sp. ✓

4-17-35. In 2½" pots: 12-20 seeds to 1 pot.

| | | | |
|---|---|---|---|
| 33/5133 | Gem anthodium. | | 10 pots. ✓ |
| 6208 | " | | " " ✓ |
| 6244 | " | | " " ✓ |
| 6304 | " | | 5 pots ✓ |
| 6294 | " | | 4 pots. ✓ |
| 22166 | " | bulbizeum | 10 pots ✓ |
| 6201 | " | ~~cyclaminell~~ cyclamineanthum | 10 pots ✓ |
| 6214 | " | calciolum | 10 pots ✓ |
| 6209 | " | sp | 9 " ✓ |
| 23282 | " | reniforme | 10 " ✓ |
| 6178 | " | thomsonii | 10 " ✓ |
| 5132 | " | sp. | 10 " ✓ |
| 5131 | " | ". | 5 " ✓ |
| 5135 | " | ". | 4 " ✓ |
| 6308 | " | ". | 10 " ✓ |
| 5137 | " | ". | 10 " ✓ |
| 5434 | " | ". | 10 " ✓ |
| 24330. | " | calotum | 9 " ✓ |

4-18-35: Sown in 4" pans: equal parts of peat & sand sterilized:
to cold room.

~~5347~~ 23519 Rosa odorata v. gigantea
from Herb. spec.

23519 Rosa odorata v. gigantea

33/5142 Delphinium sp. ✓
5144 " ". ✓
24532 Eriophyton wallichianum ✓
24523 Cyananthus sp. ✓
22265 " lobatus ✓
24469 " formosus. ✓

4.19.35:/

33/5178 Geranium ✓
5180 " ✓
5181 " platypetalum ✓
5179 " wesavianum ✓
6173 Disporum (white seed, sb.) ✓
5152 " pullum (black seed, cmd) ✓
6192 Diplarche multiflora ✓
6246 Erigeron sp. ✓
5149 Dipelta yunnanensis ✓
5150 Didiscandra sp ✓
5151 " sp. ✓
5175 Gentiana sp. ✓
5177 " sp. ✓
5148 Desmodium tetrapterum ✓
5155 Deutzia rubens ✓
5157 " sp. ✓
5153 " purpurascens. ✓
5154 " " ✓
5029 Gaultheria pyrolifolia ✓
5143 Delphinium ✓
5145 " ✓
5024 " velutinum ✓
5245 Gentiana sp. ✓
5186 Hydrangea sp. ✓

33/
/5183 Habenaria sp. ✓
6252 Hibiscus trionum. ✓
23532 Gnaphalium (Artemonia) ✓
24584 Impatiens sp. ✓
5190 Incarvillea sp. ✓
5191 " " ✓
5192 " " ✓
5193 " " ✓
5194 " " ✓
5195 " " ✓
5223 Lentopodium ✓
24274 Ligularia ✓
22380 Inula ✓
6226 Lagotis ✓
25461 " gymnandrus ✓
23523 Lychnis. ✓
4/29/35
33/6295 Nepeta sp. ✓
6210 Nardostachys ✓
6267 " ✓
5216 Notochaete ✓
6223 Nycotyamus ✓
6239 Polygonum ✓
24346 Rheum alexandrae ✓
33/5375 Phlomis sp. ✓
5213 " Rotata ✓
6293 Pleurospermum ✓
6193 Polygonum ✓
5385 " ✓
5386 " ✓
25335 Pipitanthus tomentosa (1 seed in pot) ✓
23365 Paraquilegia anemoides. ✓

25264 Pyrola sp. ✓
21940 " ". ✓
33/6261 Oreocharis ✓
~~6~~5228 Sibiraea laevigata ✓

5-8-35:/

5377 - Lecythoe aff ✓
24332 - Veronica sp. ✓
~~23603~~ 23333 - Potentilla purpurea ✓
23428 - " macrosepala ✓
5387 - " microphylla var. depressa ✓
5392 - " coriandrifolia ✓
5397 - " sibbaldii ✓
5393 - " davurica ✓
5391 - " eriocarpoides ✓
5394 - " fruticosa var. davurica ✓
5388 - " curvata ✓
5390 - " stenophylla ✓
5341 - Parnassia sp. ✓
5340 - " sp ✓

5-15-35:/
33/5626. Silene ✓
33/5628. Silene ✓
33/5629. Silene ✓
33/5627. Silene ✓
33/5630. Silene ✓
24409 Trollius pumilio ✓
22330 " " ✓
33/6228. Sisymbrium ✓
33/6254. Siphonostegia ✓
~~22/397~~ 22397. ~~viburnum~~ must be Vaccinium viburnoides ✓
33/6191. Vaccinium modestum ✓

33/5652. Stellera chamaejasme ✓
23656. Spenceria ramalana ✓
33/6230. Prenanthes umbrella ✓
33/5650. Spiraea arcuata ✓
33/6307. Prenanthes umbellata ✓
23323 " Xylacospermum ✓

5-24-35.
In 3" pots, sterilized soil, 1 p. loam, 1 p. leaf mould, 1 p. sand, ½ peat.
to prop house.

33/5533. Diapensia purpurea ✓
5427. " " ✓
5498. " " ✓
5418. " himalaica v. acutifolia ✓
f.a. rubella.

22407. Gaultheria sinensis ✓
22340. " pyroloides ✓
23554. Cassiope dendrotricha ✓
33/5100. " selaginoides. (few seed) ✓
22324. Paraquilegia anemonoides. ✓
33/5379. Xolisma ovalifolia v. lanceolata ✓
5378. " villosa ✓
6187. Skimmia arborescens. ✓

6-4-35. Sown in sterilized soil in pots, to frame in L.H. equal parts. loam, leaf mold sand.

| | | |
|---|---|---|
| 33/5283 | Meconopsis | integrifolia var. |
| 5297 | " | integrifolia |
| 22263 | " | integrifolia |
| 22314 | " | " white |
| 22316 | " | integrifolia |
| 33/6337 | " | integrifolia |
| 33/5282 | " | lancifolia v. solanifolia |
| 24305 | " | " " |
| 33/6336 | " | horridula |
| 23416 | " | " |
| 23399 | " | " |
| 25309 | " | lancifolia v. cincina |
| 25294 | " | " " |
| 23463 | " | impedita |
| 33/5268 | " | lyrata |
| 33/5298 | " | betonicifolia |
| 33/5279 | " | Georgei |
| 33/6320 | " | impedita |
| 23605 | " | " |
| 33/5272 | " | speciosa |
| 33/6331 | " | " |
| 33/5266 - 22315 | " | " |

(cont'd)

32/204 - Meconopsis Prattii
32/205 - " Wallichii
32/203 - " betonicifolia
32/2503 - " Baileyi
33/ U.C.B.G. " Baileyi

ROCK SEEDS

MIXTURE, I.P. PEET, LEAFMOULD, SAND,
6-1-35.

| | | |
|---|---|---|
| 33/5219 | LABIATE | G-6-24-36 |
| 33-5220 | LABIATE | G-6-9-36 |
| 33-6186 | HERB. | |
| 33-6202 | HERB. | |
| 33-6205 | COMPOSITE | G-6-19-36 |
| 33-6216 | COMPOSITE | |
| 33-6236 | | |
| 33-6256 | PRIMULACEAE | |
| 33-6258 | CRUCIFER | |
| 33-6277 | HERB. | |
| 33-6285 | LILIAC | |
| 33-6287 | HERB. | |
| 33-6290 | LILIAC-HERB | |
| 33-6291 | CRUCIFERAE | G-6-11-31 |
| 33-6305 | HERB. | |
| 33-6319 | | |