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About the Institute

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

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

January 3, 1939

Mr. Benjamin W. Douglass
Hickory Hill
Trevlac, Indiana

Dear Mr. Douglass:

Thank you very much for your letter of last week regarding your photographs and negatives and other types of nature subjects. We have looked over those that you have sent and find that they will be very valuable to us in our conservation and in our ecology classes. As soon as we find it possible, we will try to make a trip to your home at Trevlac to look over this material. I am sure that we can make use of a great deal of it and we will be only too glad to give it an organized place in our laboratory.

If you will look over the titles on the backs of our last Botanical Studies and make a list by volume and number of the papers which you lack or which you wish for any reason, we will be glad to send them to you.

Sincerely yours,

Ray C. Friesner

RCF:VC

January 3, 1939

Dr. Arthur T. Evans
Miami University
Oxford, Ohio

Dear Dr. Evans:

Your note and circular regarding your proposed trip to Alaska this summer is at hand. I am pleased to post the circular, and will be glad to recommend anyone who may come to my attention as being interested. So far as I know at present, there are none of our students who would be able to make the trip. I am sure that it would be an excellent experience for students, especially those expecting to engage in the teaching of geography or natural history.

Sincerely yours,

Ray C. Friesner

RCF:VC

STATE OF NEW JERSEY
AGRICULTURAL EXPERIMENT STATION
J. G. LIPMAN, DIRECTOR
NEW BRUNSWICK, N. J.

January 5, 1939

Prof. Ray C. Friesner
Dept. of Botany
Butler University
Indianapolis, Indiana

My dear Prof. Friesner:

I am in receipt of your letter of January 3 and want to thank you for your courtesy in sending me the papers dealing with your work on pollen analysis. I would greatly appreciate it if you could send me a typewritten copy of the method that you are now using for the preparation of permanent slides. We obtained rather satisfactory results by the use of Erdtman's method.

Very sincerely yours,

Selman A. Waksman

MICROBIOLOGIST

SAW:HK

Send mimeo copy of Pollen directions.

BOOKS

Flynn

BIOLOGICAL ABSTRACTS

UNIVERSITY OF PENNSYLVANIA

PHILADELPHIA, PA., U. S. A.

ISSUED, BEGINNING WITH THE LITERATURE
OF 1926, WITH THE COOPERATION OF
BIOLOGISTS GENERALLY.

PUBLISHED UNDER THE AUSPICES OF THE
UNION OF
AMERICAN BIOLOGICAL SOCIETIES

January 6
1939

Dr. Ray C. Friesner
Butler College
Indianapolis, Ind.

Dear Dr. Friesner:

I was very sorry not to have an opportunity to meet you at the Richmond meetings. I had looked forward to a visit for a number of reasons.

One prominent reason was that the recurrence of the annual meetings recalled very vividly the unhappy circumstances of last year and the recollection came by way of contrast; for this year our group went to the Association meetings and put on and exhibited a booth and discussed our affairs with the national societies in an atmosphere so different from the atmosphere of defeat and despair of a year ago that the difference would seem almost beyond belief. It was pleasant under these circumstances to recall those who, like yourself, gave us such marvelous support and encouragement a year ago. I think that as long as I live I shall have a particularly kind feeling for those who stood by us in what was, after all, a crisis.

The plan of sectional issuance for the sake of reaching individual subscribers seems to be definitely a success. Also, the librarians and the biological industries have responded in a most cordial fashion to the ending of last year's unfortunate compulsory subsidy plan. The flat \$25 per year subscription rate pleases them and particularly pleasing is the fact that no attempt is being made to obtain their support by coercion. The same spirit prevails with the national societies. I believe that we will never again be compelled to use any strong argument toward getting the societies to tax their members or otherwise give support to the ABSTRACTS. We were glad to get all the support that would be given, without pressure, during this coming year, but no attempt was made at Richmond to line up any unwilling society.

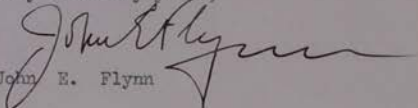
At the same time our financial problem remains. This year is a critical year. We expect the new set-up to work, but we have incurred considerable expense in arranging for it and we are desperately trying again to obtain funds from some of the richer of the industrial concerns.

Dr. Friesner (2)

A plan for our trying for financial support by biological industries is under consideration. A synopsis of it will be sent to you within a few days. If you could take the time to read it critically and express your opinion of it, and if possible discuss it with others, I would be very appreciative of your advice and comment.

Last year you mentioned the possibility that the Eli Lilly Company, or possibly Mr. J. K. Lilly, might be willing to subsidize BIOLOGICAL ABSTRACTS to a certain extent. Do you believe that the possibility still exists. You will recall that I relayed your message to Dr. Avery last year and he turned thumbs down, believing that we should fight out our battle for the support of individual members and their societies, and not seek salvation by the easier way. We have done so, but the new Board of Trustees is more receptive to outside support.

Very sincerely yours,



John E. Flynn

JEF mce

January 10, 1939

Exchange Manager
Lund Botanical Association
Lund, Sweden

Dear Sir:

Your catalog of exchange material reached us today. We look with favor upon the idea of becoming a member of your exchange, but do not have any specimens available at this time. We would be glad to collect material during the coming season to offer to your exchange.

In preparation for this we would like to ask regarding the number of specimens of each species you would be likely to care for, provided, of course, that they do not show in your catalog, from our particular region. Our material could probably not be gotten ready for your exchange of next October, but we could have it ready for the following year; that is, we could be in a position to submit an "oblata" list sometime in February or March of 1940.

Sincerely yours,

Ray C. Friesner

RCF:VC

BIOLOGICAL ABSTRACTS

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AMERICAN BIOLOGICAL SOCIETIES

January 11

1 9 3 9

Dr. Ray C. Friesner
Department of Botany
Butler University
Indianapolis, Ind.

Dear Dr. Friesner:

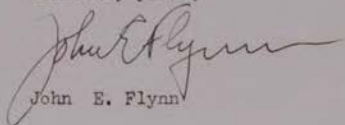
Now that sectional publication is off the docket and co-operative relations with a number of the national biological societies are being worked out, we are giving consideration to what our next move in building up BIOLOGICAL ABSTRACTS should be. One of the most interesting suggestions has been that our next move should be to explore the possibilities of getting grants from some of the industries; or, at least, of increasing our revenue through industrial subscriptions. In general I am inclined to agree with this suggestion. I think that BIOLOGICAL ABSTRACTS has a real service to offer the biological industries.

The advisability of our going out after the support of the biological industries has been under consideration for several years and has been the subject of many conversations. The attached memorandum represents the first attempt to set down on paper some of the thoughts expressed in these conversations.

Ultimately, I think, some philanthropist or foundation will recognize the value of the ABSTRACTS. In the meantime we will work toward developing an abstracting service that will meet all reasonable expectations and reach individual subscribers as well as institutions; and we need to make the service so useful that it will be indispensable to the industries.

I would be very glad to learn what you think of the idea and to get any suggestions you care to offer.

Sincerely yours,



John E. Flynn

JEF mce

January 13, 1939

U. S. Department of Interior
Washington, D. C.

Gentlemen:

Will you please send me a list of bulletins and other materials available on "Safety and Accidents" as soon as possible?

Very truly yours,

Ray C. Friesner

RCF:VC

January 18, 1939

Dr. John E. Flynn
University of Pennsylvania
Philadelphia, Pennsylvania

Dear Dr. Flynn:

I am sorry to be so slow in answering your letters of January 6 and 11. They caught me in the midst of our advising period for enrollment for next semester and so have had to remain unanswered until now.

I should think that the idea of developing an American Institute of Biology is not only very good but the need for such is very great. I feel confident that industrial concerns, research laboratories, college and university laboratories, are all so cognizant of their dependence upon keeping abreast of new information that support would not be difficult to secure if the proper approaches are made.

The Eli Lilly Company maintains an entire new building for sole use in research and I am confident support could be secured from them either for the Biological Institute or for Biological Abstracts as now maintained. Mr. Eli Lilly is thoroughly alive to scientific research. As a matter of fact, he was president of the Indiana Academy of Science for 1938. He maintains, at his own personal expense, a corps of research workers in Archaeology. So I feel confident that he would look with favor upon supporting such a project as Biological Abstracts if the proper approaches were made. Mr. John S. Wright, also of the Lilly Company is one of Mr. Lilly's most trusted advisers in things of a scientific nature and should by all means be approached before Mr. Lilly is approached.

Your reply to my question regarding where to begin abstracting reached me this morning. Since our first correspondence, I have taken some new obligations which require three nights per week so that I shall be able to make headway only slowly, but I shall do the best I can.

Sincerely yours,

RCF:VC

Ray C. Friesner

BOWLING GREEN STATE UNIVERSITY
BOWLING GREEN, OHIO

DEPARTMENT OF BIOLOGY

January 21, 1939

Professor R. C. Friesner,
Department of Botany,
Butler University,
Indianapolis, Ind.

Dear Professor Friesner:

I have heard that Butler University is undergoing a reorganization or is at least studying the situation, and also that there is a report, preliminary or otherwise, relative to your studies or action. As chairman of a committee on Aims and Curricula at our own institution, I would be very much interested in such report or at least what you are thinking or doing, if such is available. Could you communicate my request to the person in charge of this activity, with the request that he communicate with me directly. We have been studying the preliminary report of the University of Indiana. Rumor has it that Purdue University is also conducting a study. Perhaps this activity is state wide. If you have had a plan in operation, even if but for a short time, we would like to hear about its success.

I still look back on the fine afternoon we spent in your laboratories last Christmas time. We are still mulling over the building plans for our proposed new building. With the sudden loss of our new president during the holidays, we do not know just where we are at. I am sure that it will be some time before we can show you through the completed structure.

Hoping that this finds you active and well, and still enjoying your work, I am

Sincerely yours,

Chas. H. Otis

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
SOIL MICROBIOLOGY

January 30, 1939.

Prof. Ray C. Friesner,
Butler University,
Indianapolis, Ind.

Dear Sir:

Although the material in this letter does not pertain directly to your work, it is possible that you may be of assistance to me in settling a few questions regarding the article entitled, "Bacteria in the roots of Gleditsia triacanthos, L", by Gladys M. Friesner in the Proceedings of the Indiana Academy of Science 34: 215-224, 1925.

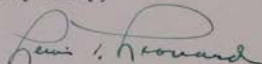
Was this work carried any farther than indicated in the above mentioned paper? If so, are the results available and from what source?

Is the organism which Friesner isolated available at the present time?

Would it be possible to obtain samples of Gleditsia triacanthos, L. showing typical root swellings as described by Friesner?

I have been attempting to isolate organisms from the roots of this legume and in most samples I have not found the swellings described by Friesner. Any information you may be able to send me will be greatly appreciated.

Yours very truly,



Lewis T. Leonard,
Bacteriologist.

February 8, 1939

Dr. Lewis T. Leonard, Bacteriologist
United States Department of Agriculture
Bureau of Plant Industry
Division of Soil Microbiology
Washington, D. C.

Dear Dr. Leonard:

I have your letter regarding the work done by Gladys M. Friesner on "Bacteria in the roots of *Gleditsia*". I am sorry that the organisms which she claims to have isolated from the roots of this tree are no longer under culture in our laboratory.

Shortly after the completion of this work she had a siege of illness and has not returned to the laboratory for work since. She has several times said that she would like to go on with this sort of work but has so far not been able to do it.

It may be possible sometime this spring for me to return to the location where the original seedlings were dug, and if so, I might be able to send you some of the seedlings for your future study.

Very truly yours,

Ray C. Friesner

RCF:VC

BOTANICAL MUSEUM OF HARVARD UNIVERSITY

OAKES AMES, *Director; Research Professor of Botany*
 F. TRACY HUBBARD, *Assistant and Librarian*
 CHARLES SCHWEINFURTH, *Research Associate*
 LOUIS C. BIERWEILER, *Curator of Botanical Collections*
 ALBERT F. HILL, *Research Assistant*



PAUL A. VESTAL, *Research Curator, Instructor*
 W. C. DARRAH, *Research Curator of Paleobotany*
 LOUIS O. WILLIAMS, *Research Associate*
 HOWARD J. ALLGAIER, *Printer*

Oxford Street
 Cambridge, Massachusetts

FEBRUARY 9, 1939

Dr. R. C. Friesner
 Department of Botany
 Butler University
 Indianapolis, Indiana

Dear Dr. Friesner:

I am completing this spring a dissertation on the orchids of the Southeastern United States and would like very much to include in my manuscript any records which you might have in your herbarium.

Would it be possible for you to send me on loan for a short time your orchid specimens from the following states: Alabama, Florida, Georgia, Louisiana, North Carolina, Mississippi, South Carolina, and Tennessee?

I am enclosing a list, for your convenience, of the orchids which I have found to grow in one or more of the above states. Please make any shipments to me express, COD, care of Mr. Charles Schweinfurth.

Thank you for your cooperation and help in this matter.

Sincerely yours,

Donovan S. Correll
 Donovan S. Correll

Tipularia, Floyd Co.
 Please feel free to
 annotate at will!

Alabama
 Florida
 Georgia
 Louisiana
 N. Car.
 Miss.
 S. Car
 Tenn.

26464 ✓	
37741 ✓	
17591 ✓	44050 ✓
28991 ✓	17544 ✓
34613 ✓	17449 ✓
44100 ✓	42430 ✓
739 ✓	17769 ✓
738 ✓	44098 ✓
	34630 ✓
28990 ✓	749 ✓
26453 ✓	44099 ✓
13401 ✓	22687 ✓
12768 ✓	22329 ✓
2290 ✓	

*Please
 hunt these
 out and
 prepare
 for shipment*

Aplectrum hyemale
Arethusa bulbosa
Basiphyllaea corallicola (*Carteria corallicola*)
Bletia tuberosa (*B. verecunda*, *Limodorum tuberosum*)
Brassia caudata
Calopogon barbatus (*Limodorum barbatus*, *L. graminifolium*)
 " *pallidus* (" *pallidus*)
 " *pulchellus* (" *tuberosum*, *L. pulchellus*)
 " *multiflorus* (" *multiflorum*)
Campylocentrum pachyrrhizum (*Harrisiella pachyrrhizum*)
Centrogeneum setaceum (*Pelexia setacea*)
Cleistes divaricata (*Pogonia divaricata*)
Gorallorrhiza maculata
 " *odontorrhiza*
 " *Wisteriana*
Cranichis muscosa
Cypripedium acaule (*Fissipes acaule*)
 " *parviflorum*
 " *pubescens* (*C. parviflorum* var. *pubescens*)
 " *reginae* (*C. hirsutum*)
Cyrtopodium punctatum
Epidendrum anceps (*Amphiglottis anceps*)
 " *Boothianum* (*Epicladium Boothianum*)
 " *cochleatum* var. *triandrum* (*Anacheilium cochleatum*)
 " *conopseum* (*Amphiglottis conopsea*)
 " *diforme* (" *diformis*)
 " *nocturnum* (" *nocturna*)
 " *pygmaeum* (*Hormidium pygmaeum*)
 " *rigidum* (*Spathiger rigidum*)
 " *strobiliferum* (2 " *strobiliferum*)
 " *tampense* (*Encyclia tampensis*)
Goodyera pubescens (*Peranium*, *Epipactis*)
 " *repens* var. *ophiodes*
Erythroides querceticola (*Physurus querceticola*)
 " *sagraeanus* (" *sagraeanes*)
Eulophia alta (*Platypus altus*)
Habenaria blephariglottis (*Blephariglottis*)
 " *Canbyi* (X) (")
 " *Chapmannii* (X) (")
 " *ciliaria* (")
 " *clavellata* (*Gymnasionopsis*)
 " *cristata* (*Blephariglottis*)
 " *distans*
 " *fimbriata* (*Blephariglottis*)
 " *flava* (*Perularia flava*)
 " *integra* (*Gymnasionopsis integra*)
 " *lacera* (*Blephariglottis*)
 " *macroceratitis* (*H. ~~macroceratitis~~* *Habenaria*)
 " *nivea* (*Gymnasionopsis nivea*)
 " *odontopetala* (*Habenella odontopetala*)
 " *orbiculata* (*Lysias*)
 " *peramoena* (*Blephariglottis*)
 " *psycodes* (")
 " *quingueseta*
 " *repens*
 " *bracteata* (*Coeloglossum bracteatum* or var. *bracteatum*)
 " *leucophia* (*Blephariglottis*)
Harrisella porrecta

Hexalectris spicata (H. *aphylla*)
Ionopsis utricularioides
Isotria affinis (*Pogonia affinis*)
 " *verticillata* (*Pogonia verticillata*)
Lepanthes Harrissii (*Lepanthopsis melanantha*)
Liparis elata
 " *lillifolia*
 " *Loeselii*
Listera australis
 " *convallarioides*
 " *cordata*
 " *reniformis* (L. *Smallii*)
Macradenia lutescens
Maxillaria sessilis (M. *crassifolia*)
Malaxis brachypoda
 " *spicata*
 " *unifolia*
Oncidium carthaginense
 " *floridanum*
 " *luridum* (O. *undulatum*)
 " *variegatum*
Orchis spectabilis
Pleurothallis gelida
Pogonia ophioglossoides
Polyrrhiza Lindenii (*Dendrophylax Lindenii*)
Polystachya luteola (P. *minuta*)
Ponthieva Brittonae
 " *racemosa* (P. *glandulosa*)
Prescottia oligantha
Spiranthes Beckii (*Ibidium Beckii*, I. *simplex* or S. *simplex*)
 " *cernua* (" *cernuum*, *Gyrostachys* often used for *Spiranthes*)
 " *cranichoides* (*Cyclopogon cranichoides*)
 " *elata* (*Ibidium elatum*)
 " *floridana* (" *floridanum*)
 " *gracilis* (" *gracilis*)
 " *laciniata* (" *laciniatum*)
 " *longilabris* (" *longilabrum*)
 " *lucayana* (*Mesadenus lucayanus*)
 " *odorata* (*Ibidium odoratum*)
 " *ovalis* (" *ovale*)
 " *praecox* (" *praecox*)
 " *tortilis* (" *tortile*)
 " *vernalis* (" *vernale*)
Stenorrhynchus orchioides (*Spiranthes orchioides*)
Tupularia discolor (T. *unifolia*)
Triphora cubensis (*Pogonia cubensis*)
 " *trianthophora* (" *trianthophora* or P. *pendula*)
Tropidia polystachya
Vanilla articulata
 " *Eggertii*
 " *fragrans* (V. *planifolia* or V. *Vanilla*)
 " *phaeantha*
Zeuxine strateumatica

(Also any unidentified material from the southeast which you might have in your herbarium, or anything - any species - which you might not have included in this list from the southeast.)

Thanks, D. S. Correll

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
SOIL MICROBIOLOGY

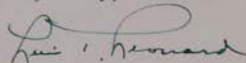
February 10, 1939

Dr. Ray C. Friesner,
Department of Botany,
Butler University,
Indianapolis, Ind.

Dear Doctor Friesner:

Thanks for the information in your letter of February 8th concerning bacteria in the roots of *Gleditsia*. If not too inconvenient, I would appreciate some roots of seedlings of this legume from the location Miss (?) Friesner obtained those with which she worked, when conditions are satisfactory for digging them.

Yours very truly,



Lewis T. Leonard,
Bacteriologist.

INDIANA UNIVERSITY
DEPARTMENT OF BOTANY
BLOOMINGTON, IND., U.S.A.

February 11, 1939.

Dr. Ray C. Friesner,
Butler University,
Indianapolis, Indiana.

Dear Dr. Friesner:

I quote the following from a letter which I have just received from Dr. Avery, Secretary of the Botanical Society of America, in answer to my inquiry as to where the summer meeting of the Society will be held this year: "Summer meetings are usually planned by the Vice-President of the Society. Dr. Fernald will be more than glad to have invitations or aid. Should you have any ideas in this connection please send them along, and I will see that he gets them. He is not very well, and we must make every attempt to save his strength. If you would care to consider the possibility of inviting the Society to hold a summer meeting with your local group or somewhere else in Indiana, it would be all to the good."

I had no thought of Indiana as a possible meeting place, but the idea seems good. I am writing to Dr. Yunker asking his opinion and suggesting that the Academy extend the invitation as sponsor of the meeting if it were thought advisable to ask the group to meet here. I shall also write to Dr. Loew since he was elected chairman of the taxonomic group for next year and would, I suppose, plan our informal summer meeting.

In many ways it seems to me particularly appropriate that we invite them. If we do so, I should think that all who have done any sort of taxonomic or other field work in the state should put their heads together and work out a good plan. What do you think of it?

Very sincerely,

Paul Weatherwax

Paul Weatherwax.

PW:DW

Indianapolis, Feb 12, 1939

Professor Friesner,
Butler University
Indianapolis Ind.

Dear Mr. Friesner, I am in a pack of trouble
with a few Botanical which I would like to have
the family names of.
I went to the Library and came away without any
results, they have not got Dr. Small & they have
Blitton but this lot does not occur in his monumental
Please give me the family names of the list which you
will find included.
The two plants I left with you to be opened in Jan
You may leave them at the Standard Grocery on
Rural St B & the Railroad. If you desire the solidago
Keep it, but I would like to have the glass.
If you know of any one who would like to buy
Some mounted plants send them to me I have about
one thousand from Mr. W. mostly which I bought
I kept about one thousand but do not want too many
duplicates.
Is the Cambridge Botanical Supply Co still in business
and if so where are they located, my mounting paper is
about gone.
Awaiting your favor, I remain yours very truly
Wm. Rhoads, School for the Blind
Indianapolis Ind.

February 13, 1939

Dr. Charles M. Otis
Department of Biology
Bowling Green State University
Bowling Green, Ohio

Dear Dr. Otis:

Your letter of January 21 requesting information regarding aims and activities, etc. has had to lie unanswered because it came in the midst of our advising period and opening of the new semester when I do not have a spare minute.

I happen to be chairman of our Curriculum Committee and can, therefore, write you first hand regarding our work.

Last year the Committee spent the entire year in making plans for the organization of a General College which would cover the first two years of college work and through which all students would go before entering any other college of the University. I am sending under a separate cover the mimeographed material we had prepared for this. The proposal has been tabled by the President because it would have involved the addition of a new Dean for whom there was no money available.

I am also sending you our mimeographed material dealing with aims and objectives for the College of Liberal Arts. This material has been approved by the faculty.

Finally, I am sending our material on "Pre-career" or "Special Interest" curricula. This latter is only in a tentative state. It has not even been approved by the Curriculum Committee as a whole. It is intended that the various departments shall submit their criticisms after which a final report will be made. I judge we will publish these special curricula in a special leaflet form for distribution to students and prospective students.

In case you have any questions to ask or you think I can be of any service to you further, please do not hesitate to write.

Sincerely yours,

Ray C. Friesner

RCF:VC

February 14, 1939

Dr. Paul Weatherwax
Indiana University
Bloomington, Indiana

Dear Dr. Weatherwax:

I have your letter regarding a summer field meeting of the Botanical Society of America. I think it would be a most excellent thing if we could plan such a meeting for Indiana, and you can rest assured that we will do all we can at Butler to help the matter along.

I am sure that under Mr. Dean's direction and your own help the ship could be guided to most profitable places, and some of the eastern folks would learn again that there is something west of the Alleghenies.

Sincerely yours,

Ray C. Friesner

RCF:VC

February 16, 1939

Mr. William Rhoades
Indiana School for the Blind
Indianapolis, Indiana

Dear Mr. Rhoades:

The list of plants for which you wished the family names came Tuesday. In my spare moments I have hunted up the information and I am enclosing it with this letter. You will find that there are five names for which I could not find the families. Perhaps you might look at the names again and see whether any of them may have been misspelled. Since they are plants that are not familiar to me, I could not detect them in case of any misspelling.

The specimens which you left with me some time ago for determination are still lying on my table unopened. This is due to the fact that I have been so rushed with other things that it has not been possible to get to them. I shall take care of them at the earliest possible opportunity.

Very sincerely yours,

Ray C. Friesner

RCF:VC

File under Gray Herbarium.

February 16, 1939

Mr. Donovan S. Correll
Botanical Museum
Harvard University
Cambridge, Massachusetts

Dear Mr. Correll:

Your letter requesting orchid specimens in our herbarium from certain southern states is at hand. I had one of the herbarium assistants hunt out the material yesterday and I am sending it under separate cover. You will find that we do not have much material in our herbarium on this family from the South. I hope you will feel perfectly free to annotate the sheets at will.

I notice a specimen of *Tipularia* in the set and, while you did not ask for Indiana material, I am constrained to mention the fact that this species reaches southern Indiana. So far as I know there has been no published reference to this fact except a statement in one of Dr. Euoy Braun's ecological papers. Her statement is based upon the specimen in our herbarium. In case you should care to see it for verification, inasmuch as this is probably the northern limits of its range, I shall be glad to send it to you, since we are not using these specimens at present.

Very truly yours,

Ray C. Friesner

RCF:VC

St. Norbert College

West De Pere, Wis.

Office of the Dean

Feb. 17, 1939.

Dr. Ray C. Friesner,
Butler University,
Indianapolis, Indiana.

My dear Dr. Friesner:

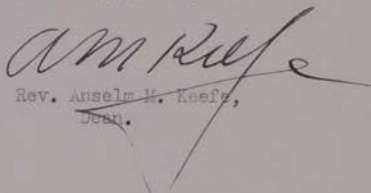
We have shipped you by prepaid Railway Express Agency today a package of 175 herbarium specimens.

We regret very much that our limited collection does not permit us to match your generous shipment of 210 specimens which we received last Fall.

However, we hope that we can partly make up for it due to the fact that all our specimens are already mounted. We realize that this is not the proper thing but all our material had been mounted before we checked up on it. The specimens are all arranged in systematic order from ferns to composites.

We trust you will be so kind as to call our attention to any "boners" in identifications. Much of the work was done by advanced students, and I may have overlooked checking some carefully enough. I have given up attempting to combine executive duties as dean, and professor with cytology. As a cytologist turned taxonomist I have a lot to learn.

Sincerely, yours,



Rev. Anselm M. Keefe,
Dean.

AMK/vh.

Butler University

INDIANAPOLIS, INDIANA

OFFICE OF THE
BUTLER ALUMNI ASSOCIATION

February 18, 1939

Dr. Ray Friesner
Head of Botany Department
Butler University

Dear Dr. Friesner,

As a member of the Promotion Staff I am interested in receiving information from each department in Butler. When calling on prospects in regard to the possibility of their attending Butler next year the question often is presented of what vocation they will select and what courses of study. I would like to know what different fields of work are open to majors in your department. Just what will a student be prepared to do when he completes his four year course? Do you help place your major students when they graduate?

Please send me this information as soon as you can. We are already contacting high school seniors.

Sincerely yours,

Margaret Zickel

PROMOTION STAFF

February 27th, 1939

Prof. Ray C. Friesner,
Butler University,
Indianapolis, Indiana

Dear Prof. Friesner:

Here are a few things which I need to fill the
lacunae in my herbarium. Perhaps you can pick up
some of them on your field trips:

- *Panicum albemarleense* ✓
Deamii
- *Leersia lenticularis* ✓
- *Muhlenbergia brachyphylla* ✓
capillaris
- Eleocharis melanocarpa*
equisetoides
- Hemicarpha micrantha*
Drummondii
- *Trillium sessile* ✓
- Aristida ramosissima* ✓
- *Carex pectinata* ✓

Mr. Deam writes me about a contemplated 1939 fall trip
similar to last year's fine affair, but longer. I
hope I may be able to join it for a few days anyway
and renew the fine acquaintances I made last year.
He thinks now his Flora will not be ready until Sept.
or possibly Oct. He writes as though he were an old
tired-out man, for which I am very sorry; I became
quite attached to him the few days we were together.

Hope you came through the winter in good shape and
that we can be mutually helpful in further exchanges.
One of my first trips this season will be to Joliet,
Ill. which is one of two known stations for *Actinea*
herbacea. Dr. Hafford, Sup't of Schools of Joliet,
is to keep me posted so that I may drive down when
it is in anthesis.

With all good wishes to yourself and Mr Harmon, I am

Sincerely yours;

S. C. Wadmond
S. C. Wadmond
Delavan Wisconsin

February 27, 1939

Reverend A. M. Keefe
Dean, St. Norbert College
West dePere, Wisconsin

Dear Reverend Keefe:

Your shipment of 175 herbarium specimens reached us in excellent condition a few days ago. I have looked over the specimens rather hurriedly because time would not permit a more careful inspection, but I did not find any identification incorrect. I shall be glad to inform you if we should run across any supposed errors. We are very much pleased with the high quality of your specimens and are very glad to call the exchange square in view of the fact that all of your specimens were mounted.

Very sincerely yours,

Ray C. Friesner

RCF:VC

BOTANICAL MUSEUM OF HARVARD UNIVERSITY

OAKES AMES, *Director; Research Professor of Botany*
F. TRACY HUBBARD, *Assistant and Librarian*
CHARLES SCHWEINFURTH, *Research Associate*
LOUIS C. BIERWEILER, *Curator of Botanical Collections*
ALBERT F. HILL, *Research Assistant*



PAUL A. VESTAL, *Research Curator, Instructor*
W. C. DARRAH, *Research Curator of Paleobotany*
LOUIS O. WILLIAMS, *Research Associate*
HOWARD J. ALLGAIER, *Printer*

Oxford Street
Cambridge, Massachusetts
February 27, 1939

Dr. Ray C. Friesner
Department of Botany
Butler University
Indianapolis, Indiana

Dear Dr. Friesner:

Thank you for the loan of orchid specimens.
I am returning them to you today.

I appreciate your offering to send me
the Tipularia specimen. However, since I have already
seen a record of this species from Indiana it will not
be necessary to see another one.

If I can ever be of service to you please
let me know.

Sincerely yours,

Donovan S. Correll
Donovan S. Correll

February 28, 1939

Mr. William Rhoades
Indiana School for the Blind
Indianapolis, Indiana

Dear Mr. Rhoades:

Thank you very much for the specimen of *Kuhnisteria pinnata* which you sent me one day last week. I am not surprised that you should think that this belongs to the Compositae. As a matter of fact, however, it really is a member of the Leguminosae. You probably will recall that there are a few other members of this family in which the flowers occur in heads subtended by involucre; for example, clover, *Petalostemon*, and some others.

The species for which you ask the family in your note of last week, namely *Siphonichia diffusa*, belongs to the family Illecebraceae according to the Gray's Manual treatment of this family. According to Torre and Harnes "International List of Families and Generic Names" this species belongs to the Carophyllaceae. According to Small it belongs to the family Corrigiolaceae, so you can have your choice.

I am glad to be of service to you now and at any time in the future.

Very sincerely yours,

Ray C. Friesner

RCF:VC

March 3, 1939

Miss Marjorie Zechiel
Promotion Staff
Butler University

Dear Miss Zechiel:

We do all in our power to help place graduates of Butler University who major in Botany. We have very few of our major students at present without positions. The following table complete to June 1938 shows the types of positions now held by our graduates. A second table for which work in Butler prepares or toward which work can be begun but final preparation must be completed either in graduate or professional schools.

In case there is any individual for whom a special conference with me would help, such as advising for any specific career, I shall be glad to cooperate with you.

Sincerely yours,

Ray C. Friesner

RCF:VC

Table I

Types of positions now being held by Butler graduates who majored in botany

Teacher in College or University
 Teacher in High School
 Teacher in Grade School
 Technical Assistant in College or University
 Research Director Experiment Station
 Bacteriologist in Commercial Laboratory
 Microbiologist in Research Institute
 Microscopist in Commercial Laboratory
 Microscopist in Canning Factory
 Florist
 Technician in Hospital
 Science Editor of Encyclopedia
 Horticulturist in Nursery
 Plant Pathologist, U. S. Bureau Plant Industry
 Principal in Public School
 Natural Park Historian
 Sanitary Engineer
 Camp Naturalist in Summer Camp
 Nature Guide in State Park
 Assistant in U. S. Forest Service
 Assistant Librarian in Science Library
 Scientific Adviser Wisconsin Conservation Department
 Director of Conservation Work in Ohio
 Farmer
 Social Service Work

Table II

Other fields of interest for which work in botany in
Butler University will prepare

Agriculture
Agronomy
Biochemistry
Bacteriology
Biophysics
Botanical Research
Camp Directing
Conservation, U. S. Service
Dairying
Forestry
Floriculture
Greenhouse Management
Horticulture
Landscape Architecture
Museum Work
Pharmacy
Plant Pathology
Plant Breeding
Public Health

March 3, 1939

Dear Dr. Wadmond:

Your letter with a few herbarium desiderata is at hand. I have checked over our reserve material and find that I am able to send you five of the species needed, viz.

Panicum albamarlense
Leersia lenticularis
Muhlenbergia brachphylla
Aristida ramosissima
Trillium sessile

I am also sending you a specimen of *Carex picta* which is a sedge of very restricted distribution but very abundant in the knobs of southern Indiana. In case you already have this specimen, either use this one for trading or destroy it for we have plenty.

Of course we will be glad to send you the other specimens on your list we run across them, but since none of us are primarily interested in Cyperaceae, we may not run across them.

Mr. Dean has aged a great deal as a result of the work on his Flora, but I feel pretty certain that we can make a different man of him as soon as the Flora is off his mind. At any rate, Dr. Potzger and I are going to see to it that he gets out into the field alot because he has always been generous in his time to help us when we wanted him to go with us on special trips. We can have a lot of these special trips in store.

There is some prospect of having the field meeting of the Botanical Society of America in Indiana this summer. In case we are successful in securing this meeting, we will have an opportunity of more field fellowship. I shall look forward to the time when you may be able to be with us again.

Sincerely yours,

EK

Kokomo, Indiana, Mel. 5, 1939,
1812 No. Purdue St.

Dr. R. C. Friesner:

I started a package to you on Saturday, mostly duplicates. - a few *Crataegus*. This genus + *Salix* I have worked upon by myself. Even if Dean had passed upon them we would have to work them all over again each year, with a few exceptions. This is true of quite a number of species; each year I look up fewer species.

Have my flora done - or done at a stack of sheets $7\frac{1}{2}$ inches high. - enough words for a 500 p. book. - Can't see my way thru as yet for its typing. Cost would be about 40-50. \$ - at 5¢ a page double-spaced. Bad I can't type. - I # Could have been ~~typed~~ typed easier than copying

from the original ^{2.} ~~so~~ scrap.

Last letter from Deam, Flora
was coming thru O.K. - but he
feared it would be Sept. until in our
hands - which means I fear - not
until too late to use next year.

Have been doing Misc. reading -
Last 2 days have been working out
3 short squibs on Crows, - hunting.
Nature magazine, - Wild fowl, - birds -
Fossil - &c. for Isaac Walton League
Column - i.e. if they accept it.

Have rechecked on buds, leaf-scars, &c.
on most of trees & shrubs. Plan to
take some wheel trips next week for
skunk Cabbage - buds, &c. - There's
always plenty to see & find - at all seasons.

Sportsmen's Show in your City next week -
Don't know just how much would
interest me or you. - Am not planning
on going - tho Dave friends promised me.
Hunt Institute for Botanical Documentation

Wild Life Convention in Detroit
 week or 2 ago would have been good.
 I want to spend 2-3 days in LaFayette
 in May & also about July, Aug. - doing field
 work & probably a few days at Elkhart
 Then in May west of Golden with in Spang
 & at Lake Cicott - May. In fact, to
 work the region W. Logansport & L. Cicott.
 If my flora was in perfect consecutive
 order so that it would be easily
 readable I'd spend the typing money on
 trips.

Dean advised me to save my pennies
 for Mackenzies work on Carex -
 which I'd like to own - he guessed it
 might cost \$50.00! - Illustrations are
 to be great - Have ~~done~~ done a lot of work
 on Carex - They are exceedingly interesting
 & just as hard - easily forgotten & easy to
 get mixed - too often hard to separate.
 Of all the contributors to Britton & Brown -
 Rydberg - Small - I think I had as much

respect for Mackenzie as any one else.
He was a N.Y. City lawyer - & had the
finest Library I ever saw - the
binding leather - perfect. - Cases, Sal-
idogs - Saw - a Curious mixture -
Morely as odd as J.A. Menzies's Midland
Naturalist - Rubber - gasoline, - a
specialist in each. - & a Father to
begin with.

Hope you are having good success
with you - Climate, pollen, bog studies.
These are a distinct contribution to
botany - geology. - And that one in
Harold Co. - especially. I hope to visit
it 2-3 times this year - My Miller
bog will have increased interest in
1939. If you can get up this way
you - students - Dr. Potyger, - we will see
Miller bog - & any place else suitable
tho this is a plant desert.

5.

Just give list of species & specimens
accepted - as you come to them - I
will & work out a complete list
alphabetically - from all your lists - to be a
part of the flora. - It won't miss 800 species
very far.

Thought I had a 10-page letter in
mind. - Worked too steady for past 2-3
days. & am fatigued - So will stop.

With Best Wishes to you,

Prof. Potzger - Prof. Palmer.

I am,

Very Sincerely Yours.

Charles M. Eck.

P.S. Last package was ~~so~~ odd & since I had
finished it - No use to keep them. I trust
you can use most of them, largely duplicates.

Respectfully

C.M.E.

March 11, 1939

Prof. Ray C. Friesner,
Department of Botany,
Butler University,
Indianapolis, Indiana

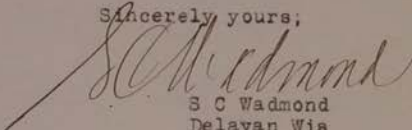
Dear Prof. Friesner:

I am grateful for the six (6) sheets of desiderata which came a few days ago. I had not expected returns so soon. I already had a sheet of Carex picta but I have a botanical correspondent of many years acquaintance to whom I am indebted for many good things, and I know he will be very happy to receive the duplicate which you so kindly sent me.

Glad you have designs on Mr. Deam which, if successful, will help to get his mind off his Flora. It really seems to have become almost an obsession with him.

I hope to see both you and him again this summer. I like that Indiana crowd very much.

Sincerely yours;



S C Wadmond
Delaver Wis

SCW/vol

Kokomo, Indiana, ^{5K} ~~May~~ 12, 1939.
1812 North Purdue St.

My Dear Dr. Friesner:

Your very cordial letter came a few days ago.

There is no hurry about that herbarium specimens material. Take your time. I have just begun to get my stuff ~~type~~ typed. The "flora" is in 15 big envelopes and I have done - the Sedges - 69 typed pages at a cost of \$4.00 not counting paper. May be that much money - not less than \$10.00 in all - had better be spent on bus fare to distant places and new books. It all depends upon the literary and scientific value of my scribblings. I sent Dr. Potyger a sample in describing that new Indiana grass *Segilops cylindrica* - but never rec'd a word of comment. That may not be a fair sample for I detailed it much more and perhaps was more careful with my words. It would have been nice if each of you

would have read and verified every word
of it - & corrected if necessary - & suggested
I presume that Prof. Patzger really did do this
at least it should have ^{been} interesting to the
Poaceae Professor.

One idea I had was to give you
a copy when finished. It might be
helpful to some future student, or in a
way supplement my "weeds". It is quite
Ekeid - i. e. individual. - There was a
few compilations at first in 1936 - but
these were nearly all rewritten in 1937 from
~~first~~ fresh specimens. Many were corrected and
revised in 1938.

That was fine news - your northern
trips and your willingness to take me
along. Yes - Yes - I shall be very
happy to go along. New territory - new
fields, habitats, species - a chance to be with
you and associates - an opportunity to learn
at first hand your problems & their solution.

Yes - I ³will want to go every
 time I can - or you have room. If
 I find only 1 new species on a trip
 I feel repaid - when I go alone + pay bus.
 The companionship with scientists -
 there is no way to put in words the
 value of these trips - and the resulting
 memories. A day with Dean Aug. 5-1935.
 A day with Potyger May 1, 1937. A short visit
 at Butler with Friesner ^{Oct 25-38} + c -
 all precious memories - And now 1939 -
 3 Saturdays - June - 2 in Sept. + some
 in November. These will be great -
 I wish to thank you very much for all
 your kindness. All the specimens I
 get will be yours - either here + on trips.
 Some time next summer when here
 I want you to look at my Library -
 I should ~~have~~ have sent you a postal
 only - - as :

There is no hurry about the
herbarium and I thank you
for your offer to take me to these
bog regions.

Very Sincerely Yours,
Charles M. Ek.

As always, - Best wishes to you
Dr. Potzger and Faculty -
C. Ek.

W. Atlee Burpee Co.

Seed Growers

BURPEE BUILDINGS
HUNTING PARK AVENUE AT 18TH STREET
PHILADELPHIA, PENNSYLVANIA
CABLE ADDRESS "BURPEE" PHILADELPHIA



FORDHOOK FARMS
PENNSYLVANIA
FLORADALE FARMS
CALIFORNIA

TELEPHONE: SAGAMORE 8800

Philadelphia, Pa. March 14, 1939

Professor of Botany
Butler University
Indianapolis, Indiana

Dear Sir:

Since sending you seeds of our new Red and Gold Hybrids Marigolds, we thought you might be interested in trying out some of our other new varieties. It is with pleasure, then, that we send you several packets for trial purposes.

Orange Delight and Golden Sunshine require 20 to 21 weeks to come into flower; Spanish Gold about 17 weeks. It might be well to start seeds of these three varieties indoors and set the plants out when weather is suitable for transplanting.

If it is not asking too much, we would appreciate a line from you in due time telling us just how these different marigolds did for you.

Faithfully yours,

W. ATLEE BURPEE CO.

March 27, 1939.

W. Atlee Burpee Company
Philadelphia, Pennsylvania

Gentlemen:

We have received the seeds of Marigold varieties mentioned in your letter of March 14th and have them all germinating. Those of the Red and Gold Hybrids are all up and ready to be transferred to small pots. We will do our best to keep records of success in our Botanical Garden and report to you next autumn.

Sincerely yours,

Ray C. Friesner

^c/_o THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.)
NEW YORK, N. Y.

PRESIDENT
JOSEPH R. SWAN

VICE-PRESIDENTS
HENRY DEF. BALDWIN
JOHN L. MERRILL

TREASURER
ARTHUR M. ANDERSON

DIRECTOR
WILLIAM J. ROBBINS

March 31, 1939

Dr. Ray C. Friesner
Butler University
Indianapolis, Indiana

Dear Dr. Friesner!--

In continuation of exchange
I am sending you 36 specimens. Kindly note that
I am now revising my Erythrina manuscript and
expect to leave soon for Bolivia. Please do not
send your specimens until you hear from me; this
presumably on my return to New York.

Very truly yours,

B. A. Krukoff
B. A. KRUKOFF

1178
194
1322

Wabash High School
Wabash, Indiana
April 6, 1939

Dear biology Teacher,

Since Wabash, Indiana, is centrally located it was decided to have our second meeting here at the Senior High school April 15 at 10 A.M. This meeting is for biology teachers and friends so do not hesitate to bring anyone that is interested.

As you no doubt know, we have organized a local association of interested teachers and we may or may not affiliate with the National Association, that entirely depends upon the wishes of our group. The ultimate success of our organization depends upon the cooperation of you teachers--so be there.

A good program has been planned. Bring along any specimen or material that you have to "swap". The meeting is very informal and the exchanging of ideas is very stimulating.

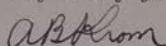
Our program includes:

1. Opportunities for Field Work
Paul F. Watson, Rochester
2. Field Study of Birds
Terzo P. Amidei, E. Chicago
3. Collecting Materials for Class Room Study
Oscar Valentine, Knox
4. Study of Tree Flowers in Spring
Miss Vesta Thompson, Fort Wayne

Either the forenoon or afternoon will be given over to an interesting field trip near Wabash, to be conducted by Amidei and Valentine. Bring along hiking shoes, any field trip equipment or clothing that you have.

DO COME -- IT'S FUN!

Very truly yours,



Secretary--Treasurer

Butler University
INDIANAPOLIS, INDIANA

DEPARTMENT OF BOTANY

Ray C. Friesner, Professor
C. Mervin Palmer, Assistant Professor
John E. Potzger, Assistant Professor
Mabel M. Esten,
Instructor Evening Division

James W. Putnam, President

April 13, 1939

Dr. B. A. Krukoff
C/o The New York Botanical Garden
Bronx Park (Fordham Branch)
New York, N. Y.

Dear Dr. Krukoff:

Your package of thirty-six specimens has reached us in excellent condition. We are very grateful to you for these specimens. I have entered them on our exchange account at four units per specimen. This brings our exchange relations almost equal. I am, however, expecting to be on the look-out for additional species during the coming season.

Sincerely yours,

Ray C. Friesner

RCF:VCW

Lund den 5.5. 1939

Received April 17, 1939

Professor Ray C. Friesner,
Butler University
Indianapolis

Dear Sir:

Many thanks for your letter of January 10, 1939.
Of course we are very much interested by exchanging plants
with you. We want all species you can send us, 10 - 20
specimens of each species. If you would get some plants
ready for our exchange this year, we should be very glad.

As we have never gotten any plants from your re-
gion before, you need not send any list of the plants you
can offer us.

Yours sincerely

Elsa Nyholm

(Elsa Nyholm)



April 18, 1939

Butler University Arboretum
Indianapolis, Indiana

Gentlemen:

In a few days I am going to send you for testing and demonstration four plants of our new hardy *Fuchsia riccortoni* Scarlet Beauty which will be put on the market in the spring of 1940.

This perennial has lived through twelve winters here in this section without any protection, coming through in perfect shape. It is a strong growing, (height about four feet here) most prolific perennial and I am sure you will be well pleased with it. It seems to grow satisfactorily here right out in the sun but possibly you will want to try two of these in a semi-shady place, and two of them in a sunny location. Possibly one of each in these locations you will want to try with soil built with part peat-moss. *Fuchsias* like plenty of water.

The plants we are going to send you will be one year field-grown dormant stock. I have been told that *Fuchsias* cannot possibly be transplanted satisfactorily in a dormant field-grown plant, and that they must be handled from pots, so if these plants do not come along satisfactorily, please advise us about May 15th and we will then replace them, after danger of frost is past, with some pot plants.

If you desire the plants sent to some other address, than the one shown on this letter, please advise us by return mail.

If convenient, I will greatly appreciate your dropping in and paying us a visit this summer. We will have about two hundred thousand of these *Fuchsias* growing in our nursery to show you.

Very cordially yours,
THE COLE NURSERY COMPANY

BY 

DBC:EGJ

P. S. Propagation rights reserved: these plants and all progeny to be and remain our property.

"Everything That's Good and Hardy"

SHRUBS
EVERGREENS
SHADE
FRUIT
AND NUT
TREES
BERRIES
BULBS
FLOWERS
ROSES

April 16, 1939

Miss Elsa Nyholm
Lund Botanical Association
Lund, Sweden

Dear Miss Nyholm:

We will be glad to collect 20 specimens each of as many species as possible during the present season for you. We should be able to get about 100 species. I am sorry that we will not be able to have them ready to send before early in 1940. We have only spare time from a heavy load of teaching duties and it is hardly likely that we can get the labels typed in time to get them to you earlier. I shall keep a record of what we send so that we may be able to secure so that we will not duplicate species in succeeding years.

Sincerely yours,

Ray C. Friesner

RCF:VCW

Smith
30-JE-39

Mr. McCoy:

Will you
return this to me
when you are thru
with it.

R.C.F.

Completed 7:45

4-29-39

S. C. F.

THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.)
NEW YORK, N. Y.

PRESIDENT
JOSEPH R. SWAN

VICE-PRESIDENTS
HENRY DE F. BALDWIN
JOHN L. MERRILL

TREASURER
ARTHUR M. ANDERSON

DIRECTOR
WILLIAM J. ROBBINS

April 20, 1939.

Dr. Ray C. Friesner
Department of Botany
Butler University
Indianapolis
Indiana

Dear Doctor Friesner:

I am herewith enclosing a list
of determinations of the Krukoff collections which
are in your herbarium. The determinations are by
me unless otherwise noted.

Very sincerely yours,

A. C. Smith

A. C. Smith
Associate Curator

ACS:AGR
Enc.

April, 1939.

B. A. Kruckoff collection. Supplementary list of
determinations.

First distribution (nos. 1000 - 1693).

1025. *Rinorea Riana* (DC.) Ktze., not *R. passoura*
1058. *Rinorea pubiflora* (Benth.) Sprague & Sandw., not *R. passoura*
1101. *Lepidocaryum tenue* Mart., not *Mauritius* (det. Burret)
1135. *Diplopterys involuta* (Turcz.) Ndz.
1149. *Bunchosia*?
1203. *Quiina* aff. *Ulei* Pulle?
1233. *Pseudabutilon spicatum* (HBK.) R. E. Fries, not *Abutilon*
1245. *Rinorea pubiflora* (Benth.) Sprague & Sandw., not *R. passoura*
1257. *Mascagnia* aff. *anisopetala* (Juss.) Griseb.
1365. *Eschweilera odora* (Poepp.) Miers, not *E. paniculata*
1383. *Hiraea transiens* Ndz.
1394. *Hiraea transiens* Ndz.
1395. *Protium*.
1460. *Protium*
1464. *Dicranostyles scandens* Benth.
1469. *Tabebuia barbata* (E. Mey.) Sandw., not *T. toxophora*
(corr. Sandwith)
1476. *Heteropterys*
1484. *Heteropterys grandiflora* Juss. vel aff.
1493. *Gurania Ulei* Cogn.?
1506. *Hiraea transiens* Ndz.
1514. *Tetrapteryx crassa* Juss.? *Tetrapteryx*
1542. *Talisia esculenta* (St. Hil.) Radlk.? *Talisia*
1543. *Tabebuia barbata* (E. Mey.) Sand., not *T. toxophora*
(corr. Sandwith)
1573. *Syngonium Vellozianum* Schott
1645. *Gurania Ulei* Cogn.? *Gurania*
1658. *Neea floribunda* P. & E. (det. Standley)
1665. *Eschweilera odora* (Poepp.) Miers, not *E. paniculata*
1668. *Theobroma subincanum* Mart. vel aff. *Theobroma*
1686. *Hiraea transiens* Ndz.
1687. *Paullinia pachycarpa* Benth.?

April, 1939

B. A. Krukoff collection. Supplementary list of determinations.

Second distribution (nos. 1700 - 2029a, coll. R. Froes).

- 1712. *Salacia cognata* (Miers) Peyr.
- 1724. *Ouratea Sagotii* v. Tiegh.
- 1736. *Ouratea Sagotii* v. Tiegh.
- 1765. *Tetrapterys crispa* Juss.
- 1779. *Brachypteris ovata* (Cav.) Small
- 1785. *Sloanea guianensis* Benth.?
- 1815. *Byrsonima coriacea* var. *spicata* (Cav.) Ndz.
- 1859. *Haputia sigmatanthus* Ducket, not *Pilocarpus*
- 1904. *Maytenus Reissekii* Urb. & Graebn., rather than *M. Myrsinoides*
- 1908. *Rinorea pubiflora* (Benth.) Sprague & Sandw., not *R. passoura*
- 1937. *Byrsonima Gardnerana* Juss.
- 1957. *Aiconia myrsiticoides* Mez, not *A. guianensis* (corr. Rostermans)
- 1991. *Byrsonima fagifolia* Ndz.
- 2001. *Desmoncus lophacanthos* Mart.

April, 1939

B. A. Krukoff collection. Supplementary list of
determinations.

Fourth distribution (nos. 5858 - 7308, Madeira region)

5863. *Ipomoea asarifolia* (desr.) R. & S.
5914. *Gurania Spruceana* Cogn.
5930. *Ouratea odora* Poepp. ex char.
5952. *Prevostea ferruginea* Choisy, not *Macquemontia*
5954. *Lindackeria maynensis* P. & E.
5963. *Talisia cerasina* (Benth.) Radlk.
5971. *Picramnia magnifolia* Macbr.?
5987. *Saparuna amazonica* (Mart.) A. DC.
5988. *Lophanthera longifolia* (HBK.) Griseb.
5993. *Monstera falcifolia* Engl.
5995. *Peperomia manicorensis* Trel. (TYPE COLL.)
6011. *Dendrophthora Poeppigii* v. Tiegh. not *Phoradendron*
6026. *Combretum laxum* Jacq.
6035. *Byrsonima arthropoda* Juss.
6038. *Stigmaphyllon liliifolium* var. *sericans* Ndz.
6043. *Paullinia* aff. *eriantha* Benth.
6063. *Carica heterophylla* P. & E.
6074. *Syngonium Vellozianum* Schott
6082. *Geonoma baculifera* (Poir.) Kunth (det. Burret)
6088. *Homalium racemosum* Jacq.
6097. *Anthurium Uleanum* Engl.
6101. *Floscopa peruviana* Hassk., not *Aneilmea*
6115. *Byrsonima*
6121. *Floscopa peruviana* Hassk., not *Aneilema*
6122. *Heliconia dasyantha* K. Koch & Bouche
6134. *Echweilera odora* (Poepp.) Miers, not *E. turbinata*
6140. *Salacia cognata* (Miers) Peyr.
6160. *Gonypetalum juruanum* Ule, not *Tapura*
6171. *Hiraea transiens* Ndz.
6183. *Hirtella racemosa* Lam. (det. Standley)
6188. *Salacia cognata* (Miers) Peyr.
6203. *Theobroma microcarpum* Mart. (det. Ducke)
6214. *Gonypetalum juruanum* Ule, not *Tapura*
6215. *Etaballia*, not *Lacistema* (corr. S. J. Record)
6216. *Sterculia speciosa* Schum.?
6224. *Aspidosperma nitidum* Benth. ex char. (det. Woodson)
6231. *Matisia oblongifolia* P. & E.
6235. *Quina amazonica* A. C. Smith
6261. *Monstera falcifolia* Engl.
6268. *Hippocratea floribunda* Benth. vel valde aff., not *Salacia*
6269. *Lophanthera longifolia* (HBK.) Griseb.
6293. *Ardisia guyanensis* (Aubl.) Mez. not *Parathesis amazonica*
6295. *Salacia attenuata* (Miers) Peyr.?
6297. *Omphalea elaeophoroides* Steyermark, not *Klaseophora abutifolia*
(corr. Steyermark)
6298. *Ouratea odora* Poepp. ex char.
6300. *Andlicheria acuminata* Kosterm. (det. Kostermans)
6302. *Inga*, not *Pithecellobium* aff. *juruanum* (corr. Ducke)
6310. *Cayaponia* aff. *psederifolia* Standl.
6318. *Anthurium Wittianum* Engl.?
6348. *Tovomita rubella* Spruce vel valde aff.
6350. *Caraipa*, not *Davilla*
6351. *Salawia divaricata* A. C. Smith (TYPE COLL.)

Krukoff fourth distribution - cont. Apr., 1939.

6371. *Vantanea paraensis* Ducke?
 6372. *Heliconia dasyantha* K. Koch & Bouche
 6374. *Garaipa densifolia* Mart.?
 6375. *Tovomita stigmatica* Pl. & Tr.
 6393. *Salacia cognata* (Miers) Peyr.
 6402. *Oenocarpus multicaulis* Spruce?
 6403. *Quilina amazonica* A. C. Smith
 6404. *Moronobea coccinea* Aubl.
 6419. *Cayaponia*
 6424. *Heisteria scandens* Ducke, not H. Uleana
 6433. *Qualea paraensis* Ducke
 6438. *Caryocar parviflorum* A. C. Smith, not C. glabrum
 6441. *Stryphnodendron paniculatum* P. & E. (det. Ducke)
 6444. *Hiraea*
 6445. *Quilina amazonica* A. C. Smith (TYPE COLL.)
 6453. *protium*
 6479. *Paullinia capreolata* (Aubl.) Radlk. vel aff.
 6484. *Heisteria scandens* Ducke, not H. Uleana
 6493. *Heteropsis longispathacea* Engl.
 6495. *Monotagma plurispicatum* (Koern.) K. Schum.
 6496. *Anthurium Uleanum* Engl.
 6497. *Pyrenoglyphis conchina* (Mart.) Burret (det. Burret)
 6502. *Cayaponia* aff. *coriacea* Cogn.
 6517. *Bactris acanthocarpoides* Barb. Rodr. (det. Burret)
 6518. *Calathea* cf. *densa* (K. Koch) Reg. ex char.
 6521. *Sicydium diffusum* Cogn.
 6523. *Gnetum venosum* Spruce, not *Salacia*
 6526. *Picramnia Krukovii* A. C. Smith?
 6534. *Heliconia dasyantha* K. Koch & Bouche
 6535. *Monotagma laxum* (P. & E.) K. Schum.
 6536. *Heliconia cannoidea* L. C. Rich
 6544. *Stenospermatum amomifolium* (Poepp.) Schott
 6545. *Philodendron guttigerum* Kunth
 6546. *Monstera pertusa* (L.) DeVriese
 6547. *Anthurium Uleanum* Engl.
 6548. *Anthurium Uleanum* Engl.
 6549. *Anthurium crassinervium* (Jacq.) Schott vel aff.
 6552. *Tovomita stigmatica* Pl. & Tr.
 6558. *Byrsonima fluminensis* Ndz.
 6574. *Odontocarya diplobotrya* Diels, not *Cissampelos*
 6575. *Qualea paraensis* Ducke
 6581. *Sterculia speciosa* Schum.?
 6587. *Hiraea transiens* Ndz.
 6596. *Maytenus micrantha* A. C. Smith (TYPE COLL.)
 6599. *Caryocar parviflorum* A. C. Smith (TYPE COLL.)
 6601. *Diospyros lirioides* A. C. Smith vel valde aff.
 6604. *Osteophloeum platyspermum* (A. DC.) Warb., not *Iryanthera Krukovii*
 6616. *Etaballia*, not *Lacistema* (corr. S. J. Record)
 6619. *Martiusia elata* f. *occidentalis* Ducke (det. Ducke)
 6625. *Minuartia*, not *euphorb.* (corr. S. J. Record)
 6627. *Matayba guianensis* Aubl.
 6648. *Swartzia aptera* var. *recurva* (P. & E.) Ducke, not *S. bracteata*
 (corr. Ducke)
 6664. *Smilax Benthiana* A. DC.
 6665. *Dichapetalum odoratum* (Spruce) Baill., not *Salacia*
 6666. *Cayaponia*
 6682. *Salacia cognata* (Miers) Peyr.

6690. *Cissampelos andromorpha* DC.
 6700. *Clonodia racemosa* (Juss.) Ndz.
 6702. *Clonodia racemosa* (Juss.) Ndz., not *Byrsonima*
 6727. *Salacia obovata* (Rich.) Peyr., not *S. laevigata*
 6740. *Cissampelos andromorpha* DC.
 6753. *Philodendron Uleanum* Engl.
 6755. *Dicranostyles holostyla* Ducke
 6757. *Lophanthera longifolia* (HBK.) Griseb.
 6765. *Astrocaryum gynacanthum* Mart. var. *dasychaetum* Burret (det. Burret)
 6767. *Anthurium Hookeri* Kunth
 6769. *Monstera pertusa* (L.) DeVriese
 6770. *Commelina nudiflora* L.
 6771. *Anthurium crassinervium* (Jacq.) Schott vel aff.
 6772. *Geonoma uliginosa* Barb. Rodr. vel maxime aff. (det. Burret)
 6776. *Anthurium scolopendrinum* (Ham.) Kunth
 6780. *Clusia colorans* Engl.?
 6790. *Philodendron* aff. *pinnatifidum* (Jacq.) Kunth?
 6791. *Banisteria Rusbyana* Ndz.
 6797. *Leonia cymosa* Mart.
 6799. *Leonia cymosa* Mart.?
 6808. *Neea floribunda* P. & E.? (det. Standley)
 6840. *Heisteria caloneura* Sleumer
 6862. *Heisteria caloneura* Sleumer
 6876. *Siparuna obstipa* Macbride vel aff.
 6879. *Miconia*, not *Licania microcarpa* (6897), as erroneously recorded on
 some earlier lists)
 6890. *Matayba arborescens* (Aubl.) Radlk.
 6895. *Picramnia*
 6896. *Licania*
 6903. *Sclerolobium subbullatum* Ducke (det. Ducke)
 6904. *Swartzia aptera* var. *recurva* (P. & E.) Ducke, not *S. bracteata* (det. Ducke)
 6934. *Byrsonima amazonica* Griseb.
 6937. *Gilibertia macropoda* Harms
 6948. *Cyclanthus bipartitus* Poit., not *Carludovicia*
 6953. *Agonandra silvatica* Ducke, not *Picramnia*
 6954. *Mappia parviflora* (Ducke) Baehni, rather than *Leratia* p.
 6958. *Polygala gigantea* Chodat
 6973. *Calathea zingiberina* Koern.
 6974. *Philodendron Poeppigii* Schott
 6975. *Monstera pertusa* (L.) DeVriese
 6976. *Vismia cauliflora* A. C. Smith
 6991. *Leonia cymosa* Mart.?
 7001. *Montrichardia arborescens* (L.) Schott
 7011. *Caryocar pallidum* A. C. Smith (TYPE COLL.), not *C. barbinerve*
 7012. *Heteropterys suberosa* (Willd.) Griseb. var. *Lessertiana* (Juss.) Griseb.
 7013. *Cybianthus nitidus* Miq., not *Conomorpha*
 7018. *Leonia cymosa* Mart.
 7019. *Tovomita* aff. *umbellata* Benth.
 7030. *Osteophloeum platyspermum* (A. DC.) Warb., not *Iryanthera Krukovii*
 7031. *Heisteria scandens* Ducke, not *H. Uleana* (det. Ducke)
 7033. *Bactris Trailiana* Barb. Rodr. (det. Burret)
 7035. *Somophoxylon magnifolium* A. C. Smith (TYPE COLL.)
 7043. *Leonia cymosa* Mart.
 7048. *Hebepetalum humitriifolium* (Planch.) Benth.

Krukoff fourth distribution - cont. Apr., 1939.

- 7052. *Oenocarpus* aff. *macrocalyx* (det. Burret)
- 7054. *Ptychopetalum uncinatum* Anselmino?
- 7059. *Tovomita stigmatosa* Pl. & Tr.
- 7065. *Maximiliana*
- 7090. *Quiina*
- 7092. *Ptychopetalum uncinatum* Anselmino?
- 7107. *Bactris* cfr. *negrensis* Spruce var. (det. Burret)
- 7117. *Leonia cymosa* Mart.
- 7120. *Vantanea cupularis* Huber, not *Licania celativenia* (corr. Ducke)
- 7122. *Anthurium scolopendrinum* (Ham.) Kunth, var. *Poiteaunum* (Kunth) Engl.
- 7130. *Anthurium*
- 7151. *Heteropsis macrophylla* A. C. Smith (TYPE COLL.)
- 7157. *Geonoma grandisecta* Burret (det. Burret)
- 7158. *Geonoma macropoda* Burret vel valde aff. (det. Burret)
- 7160. *Philodendron magalophyllum* Schott
- 7162. *Monstera Spruceana* (Schott) Engl.
- 7167a. *Smilax syphilitica* Willd. ex char.
- 7180. *Temstroemia*
- 7182. *Vantanea cupularis* Huber, not *Licania celativenia* (corr. Ducke)
- 7184. *Bactris Trailiana* Barb. Rodr. (det. Burret)
- 7204. *Lepidocaryum tenue* Mart., not *Mauritia* (det. Burret)
- 7205. *Tovomita macrophylla* Wapl., not *Clusia*
- 7220. *Caraipa Richardiana* Camb.
- 7239. *Pithecellobium longiflorum* Benth., not *P. adiantifolium* (corr. Ducke)
- 7240. *Conomorpha madeirensis* A. C. Smith (TYPE COLL.)
- 7242. *Tovomita macrophylla* Walp., not *Clusia*
- 7243. *Heteropterys*
- 7249. *Tovomita* aff. *laurina* Pl. & Tr.
- 7250. *Philodendron amplexans* A. C. Smith (TYPE COLL.)
- 7255. *Salacia laevigata* DC.
- 7259. *Bombax faroense* Ducke
- 7264. *Gnetum Leyboldii* Tul., not *Salacia*
- 7274. *Cissampelos fasciculata* Benth.
- 7278. *Monotagma Ulei* K. Schum.
- 7282. *Philodendron Poeppigii* Schott
- 7289. *Heteropterys* aff. *cristata* Benth.

April, 1939

B. A. Krukoff collection. Supplementary list of determinations.

Fifth distribution (nos. 7911 - 9124, Negro and Solimoes regions)

7929. *Clusia colorans* Engl.
7939. *Matayba guianensis* Aubl.
7947. *Vismia cauliflora* A. C. Smith (TYPE COLL.)
7965. *Stylogyne?*
7968. *Matayba guianensis* Aubl. not *Cupania*
7969. *Picrolema Sprucei* Hook. f.
7978. *Anguria*
7983. *Couepia canomensis* (Mart.) Benth. (det. Standley)
7991. *Eschweilera rhodendrifolia* (Kunth) A. C. Smith?
8004. *Diospyros bullata* A. C. Smith (TYPE COLL.)
8008. *Quina negrensis* A. C. Smith (TYPE COLL.)
8010. *Smilax Poeppigii* Kunth
8019. *Ryania pyrifera* (Rich.) Utt.
8034. *Geissospermum* aff. *argenteum* Woodson (det. Woodson)
8048. *Odontocarya diplobotrya* Diels
8055. *Syngonium Vellésianum* Schott
8066. *Couroupita amazonica* Kunth
8068. *Salacia juruana* Loes.
8080. *Eschweilera iquitensis* Kunth
8084. *Erismia uncinatum* Warm.
8087. *Salacia juruana* Loes.
8089. *Clavijsa reflexiflora* Killip
8110. *Acouea densiflora* Nees (det. Kostermans)
8122. *Leonia cymosa* Mart.
8124. *Bichorisandra hexandra* (Aubl.) Ktze.
8126. *Anthurium scolopendrinum* (Ham.) Kunth
8136. *Clavijsa reflexiflora* Killip
8141. *Philodendron tripartitum* (Jacq.) Schott
8142. *Heliconia acuminata* L. C. Rich.
8143. *Philodendron fibrillosum* Poepp.
8164. *Cariniana multiflora* Ducke
8173. *Tovomitia secunda* Poepp.?
8175. *Salacia solimoesensis* A. C. Smith (TYPE COLL.)
8182. *Odontocarya tripetala* Diels
8202. *Salacia cauliflora* A. C. Smith (TYPE COLL.)
8205. *Elaeophora abutaefolia* Ducke (det. Steyermark)
8206. *Carludovica trigona* R. & P.
8217. *Salacia minutiflora* A. C. Smith (TYPE COLL.)
8236. *Tetrapteryx discolor* (Mey.) DC.
8238. *Carludovica chelidoneura* Drude
8241. *Hiraea transiens* Ndz.
8244. *Mahurea Duckei* Huber
8249. *Disciphantha Killipii* Diels (det. Krukoff & Moldenke)
8255. *Salacia cuspidata* A. C. Smith
8261. *Byrsonima arthropoda* Juss.
8269. *Leonia cymosa* Mart.
8277. *Mollia gracilis* Spruce
8278. *Helsteria parvicalyx* A. C. Smith vel valde aff., not *H. Spruceana*
8291. *Stigmaphyllon convolvulifolium* (Cav.) Juss.
8294. *Diospyros amazonica* Krause

8297. *Salacia congestiflora* A. C. Smith (TYPE COLL.)
 8306. *Combretum Jacquinii* Griseb.?
 8309. *Eschweilera pachysepala* (Spruce) Mart.
 8315. *Salacia attenuata* (Miers) Peyr.
 8318. *Salacia lineolata* A. C. Smith
 8320. *Quapoya peruviana* (P. & E.) Ktze., not *Clusia*
 8323. *Carludovica tetragonopus* Mart.
 8324. *Clusia penduliflora* Engl.
 8340. *Gurania spinulosa* (P. & E.) Cogn.
 8362. *Calathea altissima* (P. & E.) Koern.
 8363. *Celtis iguanaea* (Jacq.) Sarg.
 8415. *Salacia cuspidata* A. C. Smith (TYPE COLL.)
 8424. *Trigonis virens* Macbr.
 8431. *Diospyros tenuiflora* A. C. Smith (TYPE COLL.)
 8437. *Eschweilera odora* (Poepp.) Miers
 8455. *Tetrapterys discolor* (Wey.) DC.
 8463. *Talisia cerasina* (Benth.) Radlk.
 8464. *Capparis macrophylla* HBK.
 8466. *Siolmatra amazonica* Cogn.
 8475. *Siolmatra amazonica* Cogn.
 8496. *Maripa peruviana* Costatr.
 8502. *Quina amazonica* A. C. Smith
 — 8508. *Cariniana multiflora* Ducke
 8511. *Benisteriopsis inebrians* Morton
 8517. *Quapoya peruviana* (P. & E.) Ktze., not *Clusia*
 8541. *Iryanthera laevis* Markgraf
 8550. *Benisteriopsis inebrians* Morton
 8557. *Dicranostyles sericea* Gleason
 8559. *Dicranostyles holostyla* Ducke
 8572. *Rinorea paniculata* (Mart.) Ktze.
 8575. *Heteropterys byrsonimifolia* Juss. var. *eglandulosa* Ndz.
 8583. *Paullinia* aff. *latifolia* Benth.
 8587. *Talisia cerasina* (Benth.) Radlk.
 8592. *Gurania spinulosa* (P. & E.) Cogn.
 8594. *Renealmia thyrsoides* (R. & P.) P. & E.
 8595. *Renealmia* aff. *dermatopetala* R. Schum.
 8600. *Stenospermium Spruceanum* Schott
 8601. *Carludovica trigona* R. & P.
 8603. *Talisia cerasina* (Benth.) Radlk.
 8622. *Hevetiopsis flavida* (Benth.) Pl. & Tr., not *Clusia*
 8624. *Cariniana multiflora* Ducke
 8625. *Sterculia* aff. *excolis* Mart.
 8637. *Salacia obovata* (Rich.) Peyr.
 8644. *Rinorea guianensis* Aubl.
 8651. *Sloanea quadrivalvis* Seem.?
 8667. *Siperuna pachyantha* A. C. Smith
 8674. *Siperuna pachyantha* A. C. Smith (TYPE COLL.)
 8676. *Picramnia juniniensis* Macbride
 8684. *Eschweilera odora* (Poepp.) Miers
 8690. *Cariniana pachyantha* A. C. Smith (Type Coll.), not *C. aff. usneensis*
 8693. *Sloanea* aff. *pseudo-dentata* Ducke
 8696. *Salacia calomura* A. C. Smith (TYPE COLL.)
 8699a. *Souroubea guianensis* Aubl.
 8714. *Tovomita pyrifolia* Pl. & Tr.
 8724. *Byrsonima*
 — 8733. *Mascagnia sericans* var. *paraguariensis* Ndz.

8742. *Moutabea longifolia* Poepp.
8758. *Clonodia racemosa* (Juss.) Ndz.
8760. *Salacia pedunculata* A. C. Smith (TYPE COLL.)
8771. *Quilina coriacea* A. C. Smith (TYPE COLL.); not *Q. micrantha*
8772. *Caryocar gracile* Wittm.
8777. *Clusia nutans* Pl. & Tr. vel valde aff.
8779. *Clonodia racemosa* (Juss.) Ndz.?
8781. *Heteropsis linearis* A. C. Smith (TYPE COLL.)
8788. *Salacia nestrandifolia* A. C. Smith (TYPE COLL.)
8796. *Cariniana micrantha* Ducke
8806. *Smilax graciliflora* A. C. Smith (TYPE COLL.)
8817. *Salacia Krukovii* A. C. Smith (TYPE COLL.)
8819. *Dicranostyles sericea* Gleason
8833. *Sterculia Killipiana* Standl.
8834. *Qualea trichantha* Spruce, not *Vochysia*
8836. *Salacia articulata* A. C. Smith (TYPE COLL.)
8838. *Caryocar gracile* Wittm.
8853. *Salacia lineolata* A. C. Smith (TYPE COLL.)
8861. *Philodendron solimoesensis* A. C. Smith (TYPE COLL.)
8865. *Faramea*?
8873. *Clonodia racemosa* (Juss.) Ndz.?
8874. *Caraipa*
8875. *Maripa schadeni* Aubl.
8876. *Echweillera obversa* (Berg) Miers, not *Cariniana*
8877. *Stachyarrhena spicata* Hook. f. (det. Standley)
8888. *Brosimum potabile* Ducke (det. Standley)
8889. *Matayba purgans* (P. & E.) Radlk.
8892. *Erisma petiolatum* Gleason
8893. *Couratari stellata* A. C. Smith (TYPE COLL.)
8898. *Caraipa densifolia* Mart.?
8899. *Cassarea*
8902. *Capparis*
8908. *Krukoviella scandens* A. C. Smith (TYPE COLL., gen. nov. Schn.)
8909. *Oedeotopus octandrus* (P. & E.) Pl. & Tr., not *Clusia*
8919. *Sterculia pilosa* Ducke, ex char.
8944. *Lacistema intermedium* Schnizl.
8948. *Byrsonima fluminensis* Ndz.
8952. *Echweillera odora* (Poepp.) Miers?
8959. *Miraea fagifolia* (DC.) Juss. var. *Candolleana* Ndz.
8961. *Vochysia biloba* Ducke
8964. *Smilax Krukovii* A. C. Smith (TYPE COLL.)
8965. *Faullinia faginea* (Tr. & Pl.) Radlk.
8971. *Diplopteryx Spruceana* Ndz. ex char.
8981. *Matayba*
8983. *Aicouea impressa* (Gleason) Kosterm. (det. Kostermans)
8991. *Caraipa densifolia* Mart.?
8999. *Byrsonima fluminensis* Ndz.
9006. *Agonandra silvatica* Ducke
9007. *Conomorpha peruviana* A. DC. (aberrant fls.)
9009. *Salacia lineolata* A. C. Smith
9035. *Salacia obovata* (Rich.) Peyr.
9038. *Cissampelos fasciculata* Benth.
9040. *Faullinia capreolata* (Aubl.) Radlk.

Krukoff fifth distribution -cont. Apr., 1939.

- 9041. *Paullinia setosa* Radlk.
- 9046. *Siolmatra pentaphylla* Harms
- 9049. *Leonia cymosa* Mart.
- 9050. *Diospyros Krukovii* A. C. Smith
- 9076. *Calathea Loeseneri* Macbride
- 9114. *Schizaea flabellum* Mart. (det. Maxon)
- 9120. *Bunchosia glandulifera* (Jacq.) HBK.

April 21, 1939

The Cole Nursery Company
1041 Mentor Avenue
Painesville, Ohio

Gentlemen:

Your letter regarding Scarlet Beauty Fuchsia is at hand. We will be very glad to receive your experimental plants and will do the best we can to carry out your specifications regarding them, and make a report to you as time goes on with regard to their success.

Sincerely yours,

Ray C. Friesner

RCF:VCW

Kennard Junior High School

2510 East 46th Street
Cleveland, Ohio

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April 28, 1939

Office of the Principal

Dr. Ray C. Friesner
Butler University
Indianapolis, Ind.

Dear Ray:

I was very happy to get your letter. The qualifications of Mr. Howell sound most interesting. The only fly in the ointment is that no one is eligible to teach in the Cleveland Public Schools unless he or she is at least a resident of Cuyahoga County.

I am not in sympathy with such an idea but it is a rule of the board of education. I am thankful that such a rule was not in force in 1922.

Will you tell Mrs. Friesner that I talked to an author who has done some writing for the Harter Publishing Co. He informed me that the company is in the hands of receivers but has paid royalties as per schedule. I believe he told me that they pay once a year--in July.

It is customary to pay royalties on all business paid for up to three months before the royalty check is due. In other words she should have been paid last July for all books sold and paid for prior to March 31st. If the sale had been slight up to that point they might have deferred making up a statement until the present royalty period.

At least it should be comforting to know that they have been paying royalties in full. I am sure Mrs. Friesner will receive a check in July for all business paid for from publication date to March 31st of this year.

I enjoyed my visit with you folks at Easter time. I hope we can get together for many more chats.

Best regards to your good wife.

Sincerely yours,

L. H. Mills

LHM:G