

Hunt Institute for Botanical Documentation 5th Floor, Hunt Library Carnegie Mellon University 4909 Frew Street Pittsburgh, PA 15213-3890

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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 2, 1946

Dr. P. Jansen Frans Van Meirisstraat 128 Amsterdam - Z Netherlands

Dear Dr. Jansen:

We have mailed to you today a package all.of the American species of grasses of which we have duplicates. We hope that they will reach you safely and that they may be of some value to you.

My colleague, Dr. J. E. Potzgem, who is our specialist in agrostology and who made up this set for you, and I visited Mr. Deam this week and found him still quite well and very active. He sends his best regards to you. We happened to mention to him that we were sending you the grass specimens. It was his suggestion in the first place which led us to correspond with you.

Mr. Deam has written a "Flora of Indiana" since his grass book appeared and in this he has brought the nomenclature down to date, i.e. to 1940. Since that time he and I have been putting out supplements to it so that the nomenclature is up to date all the time. This "Flora" is a large work of over 1200 pages. It is sold by the Indiana Department of Conservation for about \$4. I would be glad to send you a copy with all of the supplements in return for some herbarium specimens, in case you feel that it would be of help in your work.

Sincerely yours,

Decatur 33, Illinois January 5, 1946

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

Dear Dr. Friesner:

Having been recently discharged from military service, I am now interested in civilian employment. I should like a teaching position in botany or biology in a college or university, and am writing to inquire if you know of any opening in this field.

After leaving Butler in 1921, I spent four years in the Botany Department at the University of Illinois, receiving an M.S. degree in 1931 and Ph.D. in 1933, with a thesis in plant ecology. I then spent two and one-half years with the U.S. Forest Service in southern Illinois as a technical foreman, and am still a member of the Society of American Foresters. From there I went to the National Park Service as technical foreman, where I supervised and directed work in prairie and forest plantings and in wild life management on the University of Wisconsin arboretum at Madison, Wisconsin. I was drafted by Selective Service in June, 1941, and the arboretum project was subsequently discontinued by the National Park Service.

I then received training in meteorology in the army and served for fifteen months as instructor in the AAF weather schools, later becoming an airdrome weather officer serving as forecaster for heavy bomber operations from England for twenty months.

My principal interest is in both plant and animal ecology and general field biology, but I feel qualified to instruct and do research in any phase of botany, as well as basic forestry and meteorology.

My best regards to you and to the other members of your department. I hope to visit there not too far in the future.

Sincerely,

Theodore M. Sperry 648 Oakland Court

Decatur 33, Illinois

TMS: MGM

January 7, 1946

Dear Theodore

I am glad to receive your letter and to know that you are back in civilian life again. I do not know of any openings in botany at the present. Dean L. R. Hesler, University of Tennessee, hasbeen needing botany teachers several times during the past three years and it is possible that he might be in need of one for next semester. If you were to send him a general letter of inquiry, something like what you have written to me, it might be worth while. You have one sentence inyour letter to me which I think it might be well to modify slightly, viz. the sentence in which you state your qualification to instruct and do research. You make it too strong and that would be against you in their estimation of you as far as the first letter is concerned.

I look for one of the largest upswings in college and university enrolments we have ever experienced and this should make a large number of teacher openings. This upswing is already in progress and will be accelerated greatly by the end of this school year.

I will be glad to forward to you any information which reaches me and hope you will feel free to call upon us in any case where you feel that we can be of service to you.

Sincerely yours,

January 7, 1946

Dear Dr. Behrens:

Last week I recommended to one of our graduates that he seek an appointment with you to talk over the possibility of doing work toward the PhD with you at Purdue. His name is Albin Smolelis and he has just returned from a period of service in the Navy. He completed his undergraduate work in Northwestern University with major in Botany. Then he came to Butler and worked out his Masters Degree in Bacteriology. I am sending you a copy, under spparate cover, of his thesis which was piblished in our Botanical Studies.

We found Mr. Smolelis to be a very careful and consistently hard worker. I feel certain that he has real ability to do a grade of research work consistent with the usual requirements for the doctorate. His background in biology and chemistry have been well above the average found in beginning doctorate candidates.

His most outstanding weakness lies in the fact that he has had no Germen and no French. I have told him that he would be likely to be able to audit courses in these fields sufficiently to gain a reading knowledge in them and that would be likely to be the extent of the doctorate requirements.

It is my understanding that he has four years of "GI" training coming to him and this should give him ample time to do a piece of worthwhile research.

Sincerelymyours,

Dr. Olga Lakela State Teachers College Duluth, Minnesota

Dear Dr. Lakela; I am very grateful to you for your work in . determining the specimens of Heuchera which you have just returned to me. I am sorry that I failed to keep a record . . . of the postage this has cost you but I am making a guess at it and am enclosing some stamps which will reimburse you, at least in part.

Your final decision reduces the specimens to mere duplightes of specimens collected earlier in the same general region by Mr. Charles C. Deam. I have found that it is not essy to go into an area where he has worked and find much that has escaped him.

Thanking you again for your help in this matter, I remain and terminated (a) transcript and are seen and

Sincerely yours

Ray C. Priesner

January 7, 1946

Dr. M. Acosta Solis, Director
Instituto Ecuatoriano de Sciencias Naturales
Apartado 408
Quito, Ecuador, S. A.

Dear Dr. Solis:

Your communication regarding back numbers of Butler University Botanical Studies is at hand. Under separate cover I am sending you the following numbers which you lack:

Vol. I all numbers published
" II all numbers published

III all numbers published

" IV numbers 1-10

" V none (you have all numbers published)

" VI numbers 1-8
" VII numbers 1-15

This should bring you up to date with a complete set of all numbers published.

We are glad to be able to send these numbers and will keep your library on our mailing list for future numbers as issued.

We have been receiving your "FLORA" and will appreciate continuing to receive it.

Sincerely yours,

Ray C. Friesner Head of Department of Botany DEPARTMENT OF BOTANY AND BACTERIOLOGY

January 16, 1946

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

Dear Dr. Friesner:

Recently I forwarded to you by parcel post prepaid a bundle containing twenty specimens in continuation of exchanges.

I hope that these will be of value to you in your herbarium.

With best wishes for the New Year, I am

Sincerely yours,

Fred A. Barkley,

Assistant Professor of Botany Curator of the Herbarium

FAB:mjb

## STATE OF INDIANA BALL STATE TEACHERS COLLEGE MUNCIE

Department of Science

January 16, 1946

Dr. Ray C. Friesner Butler University Indianapolis, Indiana

Dear Dr. Friesner:

In the accompanying package are the plants which I talked with you about sometime ago. In addition to the goldenrods there are several other plants which you might check on roughly if you care to do so. If you would rather just do the goldenrods pay no attention to the rest.

I am not an expert on plant identification and therefore I do not wish to check these myself.

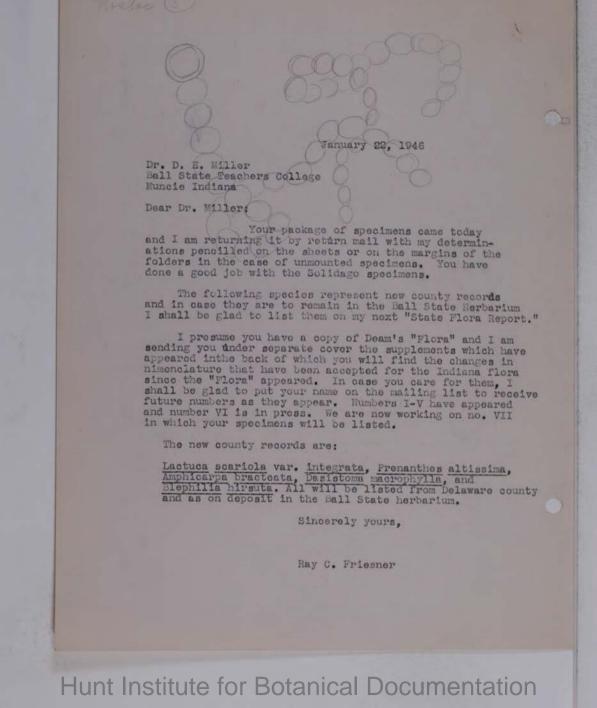
Very sincerely yours,

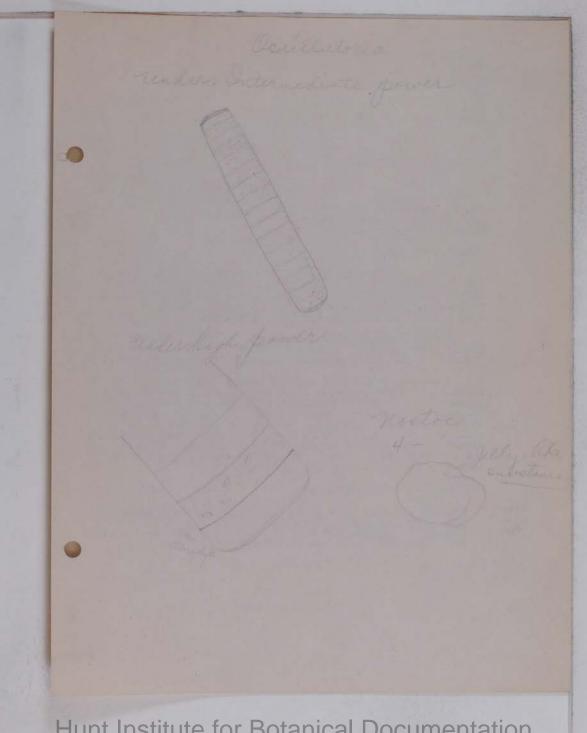
D. E. Miller Assoc. Prof. of Sci.

DEM: hlb

Following are new Country Beards
Lacture rearrola var integrata - Delaware
Prenanthes altersina Delaware
Omphicorpa bracteata Delaware
Dasistoma maorophylla Delaware
Polephilia hiresita Delaware

I don't attempt Helianthus





Hunt Institute for Botanical Documentation

## STATE OF INDIANA BALL STATE TEACHERS COLLEGI MUNCIE

Department of Science

January 29, 1946

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

Dear Dr. Friesner,

We appreciate your prompt attention to our plant specimens. All of these specimens will be added to the Ball State herbarium except that we will try to send the best specimens of the "new county records" to Indiana University. Please put us on the mailing list for the "State Flora Reports."

Let me hasten to explain that Mrs. Marion A. Rector deserves full credit for this systematic work. The work is being done under my direction but she is becoming more skilled in this work than I am. I am more nearly a Zoologist than a Botanist but at Ball State we have a biology division and I teach most of the courses offered in this division including those related to botany as well as Zoology.

Thank you again for your good work.

Very sincerely yours,

Donald E. Miller Assoc, Prof. of Sci.

DEM: hlh



2/2 Whi. Tracerd your letter that you ye your factor of graves). I vitails like to see d you a bit of application in schow but our portolice does notiges to be parties for America. As som as that will be forsible. Totall send them to you. I should very much like to love a copy of Dean's Ilon of Fariana. I will very glady buy it, but I cannot dead you money. That is not firmitted. First ops you will dead me an bacuplar and I can her a the money later.

# MISSOURI BOTANICAL GARDEN St. Louis

OFFICE OF THE DIRECTOR ENS TOWER GROVE AVENUE ST. LOUIS (10), MISSOURI

ARBORETUM, GRAY SUMMIY, MO. TROPICAL STATION, BALBOA, C. Z. EUROPEAN REPRESENTATIVE, NOVE, SUSSEX, ENGLAND

February 12, 1946

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

Dear Dr. Friesner:

We have recently acquired the entire series of FLORA OF KENTUCKY, THIRD CENTURY which was prepared by Professor Frank T. McFarland. One set of this series is being sent to you to-day by prepaid express in continuation of exchange with the Missouri Botanical Garden Herbarium and Butler University.

Should your set of the CENTURY lack any specimens, I would be grateful if you would advise me.

Trusting that you will find these plants of interest for your institution, I remain.

Sincerely yours,

JMG/iw

J. M. Greenman Curator of the Herbarium February 14, 1946

Dr. J. M. Greenman, Curator Missouri Botanical Garden Herbarium 2315 Tower Grove Avenue St. Louis 10, Massouri

Dear Dr. Greenman:

I appreciate receiving a set of the THIRD CENTURY, FLORA OF KENTUCKY and am glad to send you in exchange an equivalent number of Indiana plants. It is likely that I will not have that many species to send you immediately, but I will keep a record of the ones I send and will collect non-duplicating species to send you each collecting season until I have exhausted the possibilities of the Indiana flora.

I shall appreciate future Centureies of Kentucky Flora, but will also be glad to have material from other areas asyou may care to send it, especially from Missouri.

I am happy to enter into this exchange relation with you.

Sincerely yours,

February 19, 1946

Dr. J. M. Greenman Curator of the Herbarium Missouri Botanical Garden 2315 Tower Grove Avenue St. Louis 10, Missouri

Dear Dr. Greenman:

I have made up and ready to send to you a collection of 65 specimens of Indiana Plants in exchange for the Kentucky plants you sent last week. In the set are two species in duplicate, viz. Rudbeckia deamii, from Randolph county and from Harrison county; and Viburnum dentatum var. deamii, from Randolph and Henry counties. I have enclosed these in duplicate because they are rare species and in the former case they are from widely separated counties while in the latter case they from two adjoining counties which markethe present known range limits.

I will collect non-duplicating species for you during the coming collecting season.

Sincerely yours,

March 1, 1946

Dr. B. A. Krukoff Bronx Park, Fordham Station New York 58, New York

New York 56, New York

Dear Dr, Krukoff:

In continuation of exchange relations I am sending you a package containing 40 species of Indiana plants in triplicate, 120 specimens in all. Indiana plants in triplicate, 120 specimens in all.

They have all been poisoned by immersion in an alcoholic solution of mercuric chloride.

Sincerely yours,

Tour control of the Ray O. Pricence

Section 1. Control of the second section 1.

March 1, 1946 their Lavouries avenies admirant tonourous to the moon Curator of Cray Herbarium Harvard University Cambridge, Mass: Doar Sir: to Asvences set ovad not? . aguade odd wornes begrannon In continuation of exchange I have a package containing 112 herbarium specimens ready to send to you. These are all Indiana plants collected during to past collecting season. They have all been poisoned by immersion in an alcoholic solution of mercuric chloride. Sincerely yours, Ray C. Priesner

**Hunt Institute for Botanical Documentation** 

### Gray Herbarium

M. L. FERNALD, Director
Fisher Prof. Nat. Hist. (Bot.)
CHARLES A. WEATHERBY, Research Associate
FRANCIS WELLES HUNNEWELL, Research Associate
LYMAN B. SMITH, Curator



### marvard University

RUTH D. SANDERSON, Librarian
MARJORIE W. STONE, Bibliographer
ROBERT C. FOSTER, Assistant
BERNICE G. SCHUBERT, Technical Assistant

79 GARDEN STREET, CAMBRIDGE 38, MASSACHUSETTS, U.S.A. March 4, 1946.

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

Thank you for your kind letter of March first. We should be very glad to have the 112 specimens that you say you have set aside for us.

In checking back over our records I notice that we have fallen considerably in your debt, so I am sending you the remaining available centuries of the Gray Exsiccatae, numbers 5, 6, 7, 8, 9 and 10. Numbers 1 to 4 have been exhausted for some time. We have number 14 nearly complete and hope to issue it in a few months.

Lyman B. Smith.

Lyman B. Smith.

March 4, 1946

Curator of the Herbarium University of Michigan Ann Arbor, Michigan

Dear Sir:

Within a few days I will send you by prepaid express a package containing 110 herbarium specimens collected in Indiana during the past collecting season. These specimens have all been poisoned by immersion in an alcoholic solution of mercuric chloride. I hope they will be acceptable in continuation of our exchange relations.

Sincerely yours,

March 4, 1986 Dr. P. Jansen Frans van Mierisstraat 128 Amsterdam - Z Holland Dear Dr. Jansen: I have your communication regarding a copy of Deam's. Flora of Indiana. I happen to have an extra copy which I am sending to you with my compliments. I am glad to be able to send you this without any thought of remuneration. I hope you will find as must satisfaction in using it as I have found. I have also enclosed with the book reprints of all supplementary records and name changes which have been made to date. Bach year we publish these reports and I have entered your name on the mailing list to receive them as they appear. When it is possible for you to send specimens out of the country we will be glad to receive any that you may be able to send. Sincerely yours, Hunt Institute for Botanical Documentation Merch 4, 1946

Dr. Fred A. Barkley The Herbarium Department of Botany University of Texas Austin, Texas

Dear Dr. Barkley:

Please accept my thanks for the package of herbarium specimens recently received from you. They are a very acceptable addition to our herbarium.

Within a few days I shall send you a package containing 88 specimens collected in Indiana during the past collecting season. These specimens have all been poisoned by immersion in an alcoholic solution of mercuria chloride.

I hope they will be acceptable to you in continuattion of our exchange relations,

Sincerely yours,

March 4, 1946

Curator of the Herbarium Washington State College Pullman, Washington

Dear Sir:

Within a few days I shall send you by prepaid express a package containing 132 herbaraumpspecimens collected in Indiana during the past collecting season. All specimens have been poleoned by immersion in an alcoholic solution of mercuric chloride. I hope they will be acceptable to you in continuation of our exchange relations.

If my figures are correct, I am still indented to you to the extent of 7 specimens.

Sincerely yours,

March 4, 1946 Curator of the Herbarium New York Botanidal Garden Bronx Park, Fordham Station New York 58, New York Dear Sir: Within a few days I will send you by prepaid express a package containing 87 herbarium specimens collected in Indiana during the past collecting season. All of these specimens have been poisoned by immersion in an alcoholic solution of mercuric chloride. If my records are correct, this leaves me still indebted to you to the extent of 289 specimens. I hope I may be able to liquidate this debt as soon as possible. . 19 Sincerely yours, Ray C. Friesner Hunt Institute for Botanical Documentation

March 4, 1946 Curator of the Herbarium Deapartment of Botany Oberlin College Oberlin, Ohio Dear Sir: Within a few days I shall send you a package containing 82 herbarium specimens collected in Indiana during the past collecting season. All of them have been poisoned by immersion in an alcoholic solution of mercuric chloride. I hope they may be acceptable to .. you in continuation of our exchange relations. Sincerely yours Ray C., Friesner ."

Within a few days I shall send you by prepaid express a package containing 100 herbarium specimens collected in Indiana during the past collecting season. All of them have been poisoned by immersion in an alcoholic solution of mercuric chloride. I hope they will be acceptable to you in continuation of our exchange relations. Sincerely yours, Hunt Institute for Botanical Documentation

Curator of the Herbarium <sup>3</sup> University of Oklahoma Norman, Oklahoma

Dear Sir:

New Denver, British Columbia march 5th, 1946. Dr. J. E. Potzger, Batter University Indianapolis, Ind. Dear Siv. Would you be good enough to give me some information regarding the possibilities of post-graduate work in Plant Ecology at Butter University? In 1941 I graduated with first class standing from the University of alberta, having taken an Honord Botany course, and since then due to the war have been engaged in teaching. How I want to continue academic work. Several summer's grassland

survey work in Jaskatchewas gave me an Interest in plant ecology. I would be glad to hear any advice you can give me relative to pursuance of post graduate work in this line. I am also interested in the opportunities for assistant slips and part time demonstrated work at Butter University. Hoping to hear from you I remain four truly,

**Hunt Institute for Botanical Documentation** 



DE LA

## SERVICE DE BIOGÉOGRAPHIE

UNIVERSITÉ DE MONTRÉAL

2900, BOULEVARD DU MONT-ROYAL MONTRÉAL 26, CANADA

March 6, 1946.

Distribution conds
pentforeach species

Prof. Ray C. Friesner, Butler University, Indianapolis, Ind., U. S. A.

Dear Sir:

I am sending you herewith a questionnaire concerning some species of plants growing in the maple grove of the Laurentian area, Province of Québec, Canada, but which are or might be growing also in your State.

Presently, under the direction of Dr. Pierre Dansereau, Director of the Service de Hiogeographie, Université de Montréal, I am studying the phytosociological bearings of some Hemicryptophytes of the Accretum asccharophori association, and would be interested to know the present geographical distribution and ecological conditions of these species.

Would you please be so kind as to fill one blank of the questionnaire in the way indicated and return it at your earliest convenience.

Your cooperation, as well as your remarks on the subject, will be most appreciated.

Yours very truly,

Fr. L. L'ineque cer Frère Lucien Levesque, c.s.c.

### QUESTIONNAIRE

#### about

### SOME HEMICRYPTOPHYTES

OF THE

### ACERETUM SACCHAROPHORI ASSOCIATION

PLEASE RETURN TO:  Fr. Lucien Lévesque, c.s.c.,  Gervice de Biogéographie,  Université de Montréal,  2900 Blvd. du Mont-Royal,  Mentréal, Canada.	Are these species found in your State" Ans. Yes or No.	Are they common throughout the State or local? (C or L).	If local, are they found in the East, West, North, South or in the Middle of the State? (E,W.S,N or M).	Are they found at high altitudes only? (Alt. in feet).	Are they found in open habitats or in woods? (0 or !).	When do they flower? (Beginning or end of which month; indicate months in Roman numerals).	Then do they fruit? (Beginning or end of which month; indicate in Roman numerals).	On what soil do they grow?	a. Rocky, sandy or clay (R, S or C). b. Dry or wet (D or T). c. Organic or mineral (0 or L).
	no	And				Early	Late	a	& C
Actaea pachypoda Ell.	yes	120	C		W	V.	VIII	c	MO
Actaea rubra (Ait.) Willd.	Neo Mes	L	NE		W	Late	Early	e	w o
Aralia racemosa L.	yes	c	c	1000	W	Late	Early	Re	DM
Aster acuminatus Michx.	No			10					
Clintonia berealis (Ait.) Raf.	yes	L	N	1400	W	Late	mid	c	0 0
Desmodium grandiflorum DC.	yes	c		300° c	W	Parky	Lab	c	Do
Galium triflorum Michx.	yes	c		Buello	WO	Early VI	AIII	c	
Coum canadense Jacq.	yes	c		4	S W	mid	mid	C	00
Hepatica acutiloba DC.	yes	c		to	W	Late	Mid	C	Do
Hepatica americana (DC.) Ker.	nes	L	И	and a	»W	mid	mid	0	00
Osmorhiza Claytoni (Michx.) Clarke	year	C		Jung	DW	mid	Earl		Mo
Solidago latifolia L.	yes	C		0 0	W	mid	mid	c	
Tiarella cordifolia L.	No			7					

Prof. Ray C. Friesner, Indiana.

March 6, 1946

Mrs. W. C. Frohne 824 North J Street Lake Worth, Florida

Dear Mrs. Frohne:

Please accept my sincere thanks for the specimens of Australian Pine which you have just sent us. They came thru in excellent condition and we will get the seeds planted within a day or two.

We are especially glad to get them because they represent a most interesting evolutionary stage between the true pines and the Scouring rushes or Horsetails. The green parts which look like leaves are not truly leaves; they are really branchlets and the true leaves are the tiny likke scales at the joints of the branchlets. This is the same type of structure found in the Horsetails, which, of course, are forn allies and not pines. On the other hand, the comes are not at all like the fruit of the Horsetails. These comes are more like those of the Bald Cypress than they are the pines. The habit of dropping the branchlets is also like the behavior in the Bald Cypress. So, you see we have a most interesting specimen for out college botany classes.

Thank you again for sending the specimens and please permit me to reciprocate, if you know of any type of plant specimen we have that you would care for.

Sincerely yours,

March 6, 1946

Dr. George L. Fisher, Director American Botanical Exchange 611 West Pierce Avenue Houston 6, Texas

Dear Mr. Fisher:

I have four packages containing 376 specimens of Indiana Plants ready to send to you for exchange purposes. Will you please wirte me whether your are still in the mood to receive them. These specimens were all collected last season after I received your letter inquiring whether I would be interested in collecting them for the Exchange.

They are nearly all in lots of ten and all have been poisoned by immersion in an alcoholic solution of mercuric chloride.

I will send them to you immediately upon receipt of your OK onthe acceptance of them.

I have you list of available specimens published in May 1945 from which I will mark the ones I care to receive in return. Will you also indicate what the exchange rate of cost is to me now.

Sincerely yours,

### Butler University

INDIANAPOLIS, INDIANA
MAURICE O. ROSS, PRESIDENT

DEPARTMENT OF BOTANY

RAY C. FRIESNER, PROFESSOR JOHN E. POTZGER, ASSOCIATE PROFESSOR C. MERVIN PALLMER, ASSOCIATE PROFESSOR MABEL M. ESTEN, LECTURER EVENING DIVISION THE HERBARIUM

RAY C. FRIESNER, CURATOR C. M. PALMER, PHYCOLOGY J. E. POTZGER, AGROSTOLOGY W. A. DALLY, PHYCOLOGY FAY K. DALLY, PHYCOLOGY WILLIAM HOMELER, ASSISTANT

March 6, 1946

Dr. George L. Fisher, Director American Botanical Exchange 611 West Pierce Avenue Houston 6, Texas

Dear Mr. Fisher:

I have four packages containing 376 specimens of Indiana Plants ready to send to you for exchange purposes. Will you please wirte me whether your are still in the mood to receive them. These specimens were all collected last season after I received your letter inquiring whether I would be interested in collecting them for the Exchange.

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Sincerely yours,

### EARLHAM COLLEGE

DEPARTMENT OF BIOLOGY

8 Warch 46

Dear Dr. Friesner:

I am, together with Dr. Markle, working on a flora of the Wayne County area. Several thousand specimens have now accumulated in the herbarium— both my own and many student collections which I feel represent reasonably well the flora of our area. And in addition we have a large number of cryptogams which will also be listed in the flora. We are calling the flora, "Flowa of the Upper Whitewater Valley of Eastern Indiana."

We wondered if you would be willing to look over our specimens of Solidago and Trillium? Certain groups are being sent out to specialists for checking and critical determination—so our Flora is a cooperative project. As the various parts are completed they are written up. To date five parts of the Flora are written and I shall soon try to get carbon copies to you.

Since you are chairman of the state flora committee it would be fine if you could advise us from time to time on various matters concerning this project.

Deam's Flora is being followed quite closely in the matter of nomenclature and family sequence. For uniformity, however, we are not capitalizing any specific names; and the genera and species are arranged alphabetically. Deam's Wayne Oo. records (he has 382 sp. & var.) are being included as well. No material is being included in our work unless an authentic apecimen is available— and each specimen is being cited by collector and by its number.

It is very fine to have Mrs. Daily's list of the Charophyta from Wayne Co. for inclusion in our Flora.

Would you please send me copies of all the published attitions to Deam's Flora. Thank youl

With my best wishes,

Hunt Institute for Botanical Documentation

824 No. J. St. Lake Worth, Fla. March 11, 1946.

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

Internodes= 1/4 ni Casuarina equisatifo ba

Dear Dr. Friesner,

It gave me a great deal of pleasure to send those few little flustralian Fine seeds to you. You will notice that I got them at a quite different location this time, right on the sea at a very breezy point so I trust you will have more success with seedlings and less with fern prothablia! I have meant to go back where I got those others and see if there were ferns nearby, but so far it is just one of those things. Incidentally, I shall be very happy to send more seeds any time if these don't grow. Please don't hesitate to ask.

I am very much interested in your view of their place in the plant kingdom. I must admit I've grown pretty rusty since giving up my totanical career in favor of becoming a housewife and raising three husky boys, but I'd like to talk about it with you. Of course I have no scientific library to consult, but according to the only two books I have (Small's Manual of Southeastern Flora, and Hylander's The World of Plant Life) This Casuarina equisitipolia, our only representative of the Hunt Institute for Botanical Documentation

Casuarinales, is a true flowering plant belonging low in the Dicotyledones, so I don't see how it could be regarded as an evolutionary stage between the pines and the Equisetums. The stems of course are certainly similar. Small doesn't say when the flowers appear but the stems seem to be beginning a new growth stage now and I'll keep my eye on them. David Fairchild describes at least one other species which he saw on his last trip in the East Indies just before the war, but I don't believe he was able to obtain any seeds.

Incidentally, I should be very happy to do any other collecting for you down here. Since the gas situation has cleared up I am able to get about a little farther from home and would certainly enjoy botanizing with a purpose! There are at least two species of Pineapple air-plants (Tillandsia, I think) which are in bloom now, that might be of interest as examples of true epiphytes.

Aren't you one of Dr. C. E. O'Neal's former students? I studied under him in 1926-27 (I was Gertrude Grant then.) and the Tire never been back I hear occasionally from him and have hopes of some day paying him a visit.

Sincerely yours. Gertrude Frohme Gertrude Grant Frohne

Hunt Institute for Botanical Documentation



PRESERVED PLANTS AND PREPARED MIGROSCOPE BLIDES FOR GENERAL BOTANY, PLANT PATHOLOGY, PLANT ANATOMY, CYTOLOGY, WOOD TECHNOLOGY, AND BACTERIOLDOY

PHOTOMICROGRAPHS IN FOUR COLORS FROM TRIARCH QUADRUPLY STAINED SLIDES



RIPON, WIS. March 12, 1946.

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

Dear Prof. Friesner:

Your question on our business reply card makes it necessary to admit my ignorance about mosses. As a matter of fact, few of our patrons are interested in species names, and it is not often convenient for us to determine all collections. However, as far as I know the Polytrichum used for the stem-leaf slides is the common form which grows around this region, which we have been calling P. commune.

In this connection, I wish some University would establish a service of identification, making determinations of all plant forms for a fixed charge. Practically none of us can be experts in all lines, and most experts are too busy to bother with every collector with some form which he doesn't recognize.

Sincerely,

Kes. A. Conant

PREPARED BY A BOTANIST FOR BOTANISTS

OBERLIN COLLEGE
OBERLIN, OHIO
DEPARTMENT OF BOTANY

March 12, 1946

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

Dear Dr. Friesner:

This is an acknowledgement of our receipt of 82 herbarium specimens received at exchange from you. They are in process of being mounted. I have not looked at them in detail but they appear worthwhile additions to our herbarium. We are glad that they have been poisoned, because we are in process of poisoning those of our collection that have not been previously so treated.

Our exchange records appear ambiguous, but this would seem to leave us 22 sheets in your debt.

Sincerely,

Grarge T. Jones

George T. Jones Associate Professor of Botany

GTJ:af

They really owe us 130 specimens but I have accepted above count without protest

## Regulations of the American Botanical Exchange.

Geo. L. Fisher, 611 West Pierce Ave., Houston 6, Texas, U. S. A.

The Exchange is to aid educational institutions, teachers and persons to make a collection of plant material for the Herbarium.

The only conditions are that the Exchanger pays all postage and 1/26 for each herbarium sheet exchanged as part payment for printing the Exchange List.

The same number of sheets to be chosen from the List of 5000 species. Write for the complete List.

A limited number for sale at 5¢, each and postage,

10 sheets or less of species not on the List accepted.

Free exchange and return postage paid by me on return plants, except from U.S.A., Canada and Europe. 1 to 3 sheets of each species wanted.

Send your duplicate naterial for exchage and make your Herbarium larger.

Dear Prof. Friesner-

The Am. Bot. Exchange will be pleased to have the material from you and they will be offered to Exchangers who will be pleased to receive them.

Try and send species not on the List (May 1945) which you have. Exchangers wish species not on the List.

There are about 150 species not on the List that have been received after May 1945. A list of these will be sent in a fer days and you may check those wanted. Some are from Maxico.

Geo.L.Fisher, 611 West Pierce Ave.,

Houston 6, Texas. Exchange Regulation the same that is an exchange fee of 1/4 20 for each sheet and return postage. The fee is to pay a part for printing lists. G.L.F.

### 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 12,1986

244. 1.3 CN

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

Dear Dr. Friesner:

We have received today the box of 87 duplicates as mentioned in your letter of Marcy 4. We indeed thank you most indly for the material. The total will be entered in the exchange records.

Sincerely "ours

C. L. Wittrock Gustodian of the Herbarium

March 13, 1946

Dear Mr. King:

I am glad to learn that you are back on the job again and that you and Dr. Markle are going ahead with you plans for the "Flora of the Upper Whitewater Valley." I will be glad to check the Solidago species for you any time you care to send them. Just now I have a rather large collection from Virginia but there is no big hurry about them and so I could go over yours immediately upon receipt. I haven't done much on the Trilliums recently, but if you want me to do it I will be glad to give my opinion on them.

Under separate cover, I em sending you a set of the "State Flora Reports" published to date. You will not find a large number of additions to Wayne county, but there are some. I would call your attention, also, to the "Nomenclatorial Cahnges" listed in the back of each of the reports except the first one (perhaps also the second one, I am writing this where I do not have access to the reports to check). You may not care to accept all of the proposed changes, but at least you can know what Mr. Deam and I have agreed to accept.

I think you are wise in decapitalizing all species names. It is not only much more convenient, but it also gives the species names the reduced importance they should have in relation to the genus names.

If you should collect any additional specimens of Chara and related genera, I am sure Mrs. Daily would be glad to determine them, in case you care to have her do it.

Anything I can do to help your project along I will be glad to do.

With best regards to you and to Dr. Markle, I remain

Sincerely yours,

Ray C. Friesner

## UNIVERSITY MUSEUMS UNIVERSITY OF MICHIGAN ANN ARBOR, MICHIGAN, U. S. A.

UNIVERSITY HERBARIUM

March 13, 1946

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

Dear Professor Friesner:

We have received the package containing 110 specimens of Indiana plants. We are pleased to have these for our herbarium. They have been credited to your exchange account.

Yours truly,

E. B. mains

E. B. Mains Director

EBM/Se





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

1620 University Station Austin 12, Texas Warch I4, 1946

Dear Doctor Friesner:

The package of specimens menti ned in your letter of March 4 has been safely received and we are very happy to receive them as we always are in the case of your specimens. We poison our specimens here with bichlorice solution, and it is indeed a pleasure to receive a set which does not have to be treated.

We are finding ourselfes loaded down with students, which is quite in contrast with the last couple of years. As yet we have not quite recovered our breath from the stampede.

With best regards,

Sincerely, Red a. Barkly

March 14, 1948

Sr. Lyman B. Smith, Curator Gray Herbarium Marvard University Cambridge 38, Massachusetts

CHARLES OF FREE PER

Dear Dr. Smith:

Your shipment of herbarium specimens came yesterday and, while I have not yet had time to open them, I am certain that they are in excellent condition. I greatly appreciate your kindness in sending them to us. While we are glad to receive any specimens you are able to send from time to time. I hope you will feel under no obligation to send as many as we are able to send. As a matter of fact, it is a real privelege to us th us to have you willing to receive our specimens and we look upon it in that way.

- Sincerely yours,

THE RESERVE OF THE PARTY OF THE PARTY.

Ray C. Friesner

T 3 V

ALL ALL ALL AND

Mrs. Gertrude Grant Frohne 824 North J Street Lake Worth, Florida

Dear Mrs. Frohne:

Thanks for you letter of March
ll sttting me right regarding the evolutionary
position of Casuarina equisetifolia? I had misidentified it. Or rather, I took the dtermination
of one of my colleagues without checking. One
can hardly refrain from assuming some evolutionary
connection with the Equissetineae but just what that
relationship is, is not at all clear if this is a
a dicot as I suppose it must be if Small and others
are basing their classification on a knowledge of the
embryology.

Since writing the last sentence I looked up the embryology and find that it very definitely has the angiosperm type of embryo sac development. Perhaps, in a way, its evolutionary story is all the more interesting for here is a plant that has gotten a long way from the Pteridophyta (or has it?) and still retains some of the Equisetum characters. Or perhaps some of the Phylogenetitists would say that there was a parallel evolution in which this plant evolving other characters also evolved the Equisetum type of branclet and leaf quite indedendently of Equistoum as such.

At any rate, I appreciate your interest in sending us the material and in answering my letter. I am glad, too, to be able to correspond thus with another of Dr. O'Neal's students. I shall tell him of our discussion the next time I see or write to him.

Sincerely yours,

Ray C. Friemer

2 to 10 21 " 10 100

Dr. George H. Conant Triarch Botanical Products Ripon, Wisconsin

Dear Dr. Cohant:

replying to my question regarding the species of moss from which the slides of leaf and stem cross section were made. It really does not matter to us either, except that the terminal cells of the lamellae are different from any that I had seen previously.

If it should be convenient for you to send us a few of the mass plants with sporophytes attached, I think we could determine the species. But please do not go out of your way to do it.

Sincerely yours,

Ray C. Friesner

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STANDARD STANDARD STANDARD STANDARD

Mr. John S. Rowe New Denver British Columbia

Dear Mr. Rowe:

Your letter to Dr. J. E. Potzger regarding the possibility of doing graduate work in ecology with us has been turned over to me to answer. I am sorry that we do not have any graduate assistantships available at Butler. University. We do have some scholarships for graduate work but these pay only the tuition.

It is too bad that we do not have a few graduate assistantships for just such cases as yours, but we haven't been able to get them to date.

I am sure you would find our region a fine one in which to work if you are interested in the deciduous forest. Dr. Potzger has been doing some fine work in that field and has turned out, a number of high grade Master's Degree students.

Sincerely yours,

Ray C. Friesner

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Dr. George L. Fisher American Betanical Exchange 611 W. Pierce Avenue Houston 6, Texas

Dear Dr. Fisher:

I am sending you via prepaid express the herbarium specimens mentioned in my previous letter. These are all species which are not listed on you list of last May.

As soon as I receive the list of new species not on your list of last May, I will check the ones I would like to receive in return and send the list together with check for a cent fee.

You may send the return specimens to me express collect.

Sincerely yours,

#### Ray C. Friesner

P. S. I have made up a field note book of all the specimens on your May 1945 list and I will add the new species you have received since then to it so that I can pick up any species I run acrossthis summer that will an addition to your list.

815 Taylor Ave. Detroit 2 mich-Man - 16, 1946

Dran Kay:

I am sinding you The specimen of the Bypress which I was telling you about at Christmas time Destreted it about the 23rd of Oct- at more will mich-Which is in St. Joseph Co. At the time, I wan only interested in finding out what it was and never thought about an terbarium specimen so this is most in adequate. And to make matters worse I stattered the cores while I was making the box in which to send it and the france are dried. However there were there ties in the farm yard & all very full of fruit. The true was about 6 to 8 in . Three maybe more and symmetrical x more pyramidal than I remembered other apprecions to be. Perhaps this much information will suffice for a record -

Also Isent yesterday two plants of Bromelia different species I think which were collected by Mrs. Forher at Lake Work about mar. 1- She sent them to me for tracking nor & when I saw what fine spacimens they were I thought you might make nor of them in the greenhouse. She says to water them

thoroly + Jasten on milling or wood-

Casurina orras again, as I thought you might like to Try them for germination. I had opened a buch with

Hunt Institute for Botanical Documentation

guminating them in a terrarium which had moss and nother wood for a base. I did not get them far hourver as they seemed to damp of in the terrarium + dry out in a pot - the germination was high, nin dy por cont I think -It seems quite like spring here- If you Could see your may to take a collecting trip to Florida be sure to bet my mother know. She is staying quite late for her & although she has no car, I am sure she remled be glad to have you make her place a headquartus if you want when she was there - Vinguicela and troocera ind Sarracenia are all about to bloom if it is like the years I have been there-I am still thinking of the lovely day I had with you folke at Christman time and all the dedicions things from the locker - According to what I need, they feel that we onglet to keep on gardining This year. With bist wisher to Glad & you and Dr. Potzer Sincerely, Libby -

## THE STATE COLLEGE OF WASHINGTON PULLMAN, WASHINGTON

DEPARTMENT OF BOTANY
March 18, 1946

Dr. Ray C. Friesner Curator of the Herbarium Butler University Indianapolis, Indiana

Dear Dr. Friesner:

We are happy to acknowledge the receipt of the package containing 132 herbarium specimens recently sent us in continuation of exchange. Your well-prepared specimens make interesting and valued additions to our collections.

Your figures concerning the exchange balance are probably correct. We have not made a recent distribution but we hope, in the not too distant future, to send you a sizable shipment. You will, we trust, continue to send us sets of your collections.

Very truly yours,

Marion Ownbey
Marion Ownbey
Curator of the Herbarium

do

#### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN

VICE-PRESIDENTS
HENRY DEF. BALDWIN
JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS

March 19, 1946

TREASURER ARTHUR M. ANDERSON

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

Dear Dr. Friesner:

Acknowledgment is made of the receipt of package with specimens. I have not examined the specimens but I am sure that they were received in good shape.

Would you be good enough to let me know what the balance of our exchange is, so that I could check my records with yours? Please also indicate at the same time/what kind of specimens your statement is based -- domestic or foreign.

Very truly yours,

B. A. Krukoff

BAK/hk

4178 3549 629:4= 157 toreign :3= 209 domestic

# MISSOURI BOTANICAL GARDEN

OFFICE OF THE DIRECTOR ESTS TOWER GROVE AVENUE ST. LOUIS (10), HISBOURI

ARDORETUM, SRAY SUMMIT, MO. TROPICAL STATION, BALSOA, C. I EUROPEAN REPRESENTATIVE, MOVE SUSSEE, ENGLAND

March 19, 1946

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

Dear Dr. Friesner:

This will acknowledge receipt of the shipment mentioned in your letter of February 19, 1946. The Herbarium of Butler University is credited with 86 specimens on the basis of exchange. Please accept our thanks.

Sincerely yours,

JMG/jw

J. M. Greenman Curator of the



### THE UNIVERSITY OF OKLAHOMA

NORMAN - OKLAHOMA

March 20, 1946

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

Dear Professor Friesner:

The carton of 100 herbarium specimens has arrived in excellent condition, and I thank you very much for them. The shipment has been entered on our books as exchange material.

I hope very much to see you at the St. Louis

meetings.

Most sincerely,

(#A)

GJG:m

## PURDUE UNIVERSITY

SCHOOL OF AGRICULTURE LAFAYETTE, INDIANA

Mar. 22, 1946

Dear Dr. Friesner: you paid more than your share. Mrs Kriebel informed me last evening that a note was found on Ralph's Herbalium dated Mar. 12 giving specific information on the disposition of the herbarium. If Purdue meets these requirements (1) a guarantee of adequate storage (2) Protection in insect and mould proof containers, (3) Proper labels they may keep the collection. Otherwise the specimens are to go to notre Dame. Mrs Kriebel ship she will discuss the matter with Mr. Deam before reaching Ralph mentioned the deplorable care a decision. of the Purdue Herbarium several, times to me last fall. I think it will be up to Mr. Deam and others like yourself to thelp mrs. Kriebel determine whether Purdue can meet the requirements. Sincerely,

Howard H. Michaud

FRANCIS J. SCULLY, M. D. 904 MEDICAL ARTS BUILDING HOT SPRINGS, ARKANSAS

March 23, 1946

Mr. Ray Freisner Butler University Indianapolis, Indiana

Dear Mr. Freisner:

During the past year I collected a number of the Goldenrods in this area. Dr. Demaree suggested that I send them to you to check indentifications.

If it is convenient for you to check over these specimens, I would be glad to hear from you.

Very truly yours,

Francis J. Scully)

FJS:ss

1362 Ratliff ST. Ruchmond, Ind 26 Mar. 46 Deur Dr. Friemer: I'm vory that the referent were sent back from Earlham Much Jmy mail was forwarded here to my home address or proteed up by Dr. Markle. Time second Class frial can't be friended - one of the clark in the office just sent It back I suppose. Since I am not all Earthorn - on the staff the office apparently made no effort to contact me. I have not unformed them trend hereofter not to return second clar-I am inclosing 9 cents in starps to lover the easts of marling. Thanks so much -lever the easts of marling of Trullium spainers Sil try to get the Solidage of Trullium spainers Best wisher, Lawrence Hing

Hunt Institute for Botanical Documentation

Varch 27, 1946

And the first of the state of the first of t

Dr. Francis J. Scully 904 Medical Arts Bidg. Hot Springs, Arkaneas

Dear Dr. Scully:

I have your letter of the
23rd instant. I shall be glad to check the
determinations of your solidage specimens
iff case you are not in too big a hurry for them.
I have a large collection of specimens which
recently same in from Virginia to be determined and since I have an overload of teaching
resulting from the unusually large G.I. enrollment, it will be likely to be early June before
I can get to them. If you care to send them
you may do it at your convenience and I will
take care of them until I can get to them.
Of course, it is possible that I might be
able to do it earlier.

Sincerely yours,

Ray C. Friemer



## SERVICE DE BIDGÉOGRAPHIE UNIVERSITÉ DE MONTRÉAL

2900, BOULEVARD DU MONT-HOYAL MONTRÉAL 25, CANADA

March 28, 1946.

Doctor Ray C. Friesner, Butler University, Indianapolis, Ind., U. S. A.

Dear Doctor Friesner:

Many thanks for the very interesting distribution maps you have sent me together with the completed questionnaire on the Hemicryptophytes of the Maple Grove Association. If I did not acknowledge receipt sooner it was on account of my being awfully busy with this inquiry since the beginning of March.

I thank you also for your two reprints. In return, I am sending you Dr. Pierre Dansereau's last reprints.

Be sure that your cooperation is highly appreciated. If ever you need ecological data concerning the territory of Québec, the Service de Bio-géographie will be glad to collaborate with you.

Very truly yours,

Fr. L. Linesque, cra

Frère Lucien Lévesque, c.s.c.

FL/ON



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

Dear Prof. Friesner-

I have placed in the Exchange 374 Sheets of Herbarium Specimens. Exchangers will be pleased to have them as most of them are not common species. If you will send me your wants the return material will been sent per Express in about 10 days.

Sincerely yours

Geo.L.Fisher, 611 West Pierce Ave., Houston 6, Texas. Mar. 28/46.

April 1, 1946

Dr. B. A. Erukoff New York Botanical Garden Bronx Perk, Fordham Station New York 58, New York

Dear Dr. Krukoff:

In reply to your letter of March 19 regarding the status of our exchange relations I may state that, according to my figures, you owe us 157 foreign or 209 domestic specimens. I am not atlall concerned about the exact number of specimens we receive. We will be glad to receive whatever it is convenient for you to send.

If at anytime this exchange becomes a burden to you, or if, for any reason you wish to discontinue it, I will not burden you further with my specimens. On the other hand, I shall be glad to continue it as long as you care to have me do so.

Sincerely yours,

Ray . C. Ffriesner

P. S. If I do not hear from you to the contrary, I will continue to send you in triplicate further non-duplicating species.

#### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN

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JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS TREASURER ARTHUR M. ANDERSON

April 4, 1946

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

Dear Dr. Friesner:

I have your letter of April 1, 1946 and I note that I owe you 157 foreign specimens. Very shortly I will go through some of my accumulated material and send you at least part of these.

I will be pleased to continue receiving specimens from you that you so kindly send me on exchange. from time to time.

Very truly yours,

BAK/hk

B. A. Krukoff

SENT FOR INFORMATION OF

Professor Ray Friesner Department of Botany Butler University Indianapolis, Indiana April 5, 1946

Dr. Fred J. Hermann 1 Forestway Green Belt, Maryland

Dear Fred:

I am informed by Professor Parodi of Busnos Aires that Profesora Maria G. de Bracco, who is working on a monograph of Lemnaceae, will make her herdularters at this University from June to October. He asks he to try to assemble as much material as possible for har to study, -- new, ample collections which will not be too depleted by the waste of material in examination. I want to get together many new collections that will be large example to divide with her and with those of our correspondents sho may wish to dare in the distribution of excess material. So I am writing to various friends who may be willing to contribute from one to many well-labelled samples. (I want a sufficient number of original labels with each sample.)

The materials should be pressed in the ordinary way, well spread out, but plentifully. Do not take too much time to sort mixtures, but give each mixed collection a single number and let Dr. de Bracco sort out the constituents as a, b, c numbers. Collections from the same identical place at intervals of several weeks are likely to be especially useful.

In the course of your field trips I am sure that you can get representative material from the Washington area without excessive difficulty. If you can get contributions from anyone else I shall appreciate it very much. It is my intention to write to one or more active collectors in each state, but you have many contacts in addition to mine, and I shall appreciate it if you will pass the word along. The new collections will provide for the more thorough examinations, but I shall likewise borrow the regular herbarium material from several geographically representative institutions.

Sincerely yours,

H. H. Bartlett

#### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN

VICE-PRESIDENTS
HENRY DEF, BALDWIN
JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS

April 9, 1946

TREASURER ARTHUR M. ANDERSON

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

Dear Dr. Friesner:

Under separate cover we are sending you 71 foreign specimens on exchange basis and, therefore, my balance with you is 86 specimens in your favor.

Yours very truly,

B. A. Krukof

BAK/hk

4178 3833 4 3 45 (86)

#### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN VICE-PRESIDENTS
HENRY DEF. BALDWIN
JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS

April 9, 1946

TREASURER ARTHUR M. ANDERSON

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

Dear Dr. Friesner:

Under separate cover I am sending you another package with 7 foreign and 6 domestic specimens. The exchange, therefore, is in your favor 77 specimens (86 - 9 = 77).

Very truly yours,

B. A. Frukoss

BAK/hk

P.S. Since dictating the above I added 7 extra foreign specimens to the above, so that the balance will be 84 specimens in your faver.

B.A.K.

777

70 4174 70 92

account is now 70 in my favor-foreign 92 domestic

april 19, 1946

Dear De Friesner: your very kind letter of March 19 should have feen acknowledged long ago - but I am still in such a state of shock and confusion, that I accomplish very little. Each day finds it harder for me to realize that this awful tragedy has heally happened to Raeph Possilly you have heard, by this time, that a note, dated March 12th, was found in an accession number took in the Lerbarium. It reads thus: "I desire that this tertainin new lakels mitten and put into insect proof cases of this cannot be done - then it shall go to Notice Dame." Dan Den tyl, in all good faith, mole to me. Deane, but failed to tell him about the rote Mr. Dean immediately mote to Dr. Just to be gin to work for oftening the Lentalium. Dr. not of Father Sheehan head of Dr. Just's department

of Notu Dame - came here on Honday to see the orlection. I was amazed when they were ready to leave that they had not been in-

formed of the note. Both the folary departments in the School of agriculture are

Hunt Institute for Botanical Documentation

interested in seeing that the collection remain here. I feel honor Hound to carry out Ralph's wishes and give them first choice. Here is where I seek yours & Dr. Potgger's adsice or opinion. Mr. Dean is determined that Gurdue shall not have the herbarium. He says their past records speak for themselves, that they rill herer carry out the stipulations. I realize that Mr. Deam has very defente personal opinions fut, I full well realize too, that Mr. Dean was, without a doubt, Ralpho feet friend. I feel that I cannot jeopardize that friendship's men ries. Mr. Dean has offered to bry it from me and then dispose of it as he sees fit. Notre Dame has offered me \$1000.00 for it over 10,800 sheets. I am sure that Purdue is willing to pay for it - but, has no adequate solling to pay for it - but, has no adequate facilities for lowing it, nor for doing the nec-Jessay work. Notre Dame Offers a fire-proof fulling, the metal cases, and assurance that the nock will be done at once. Purdue representatives speak in terms of hope that within the near future - 10 or 20 years perhaps the bottomy department may be strong enough to properly house and use the hertained as Ralph would have rished "Will you and Dr. Potrzew, please tell me what you think I should do. If you need fronther information I will be glad to furnish it is since many kniehel

OBERLIN COLLEGE
OBERLIN, OHIO
DEPARTMENT OF BOTANY

549 419

April 25, 1946

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

Dear Dr. Friesner:

Since writing you on March 12th, we find that receipt of 152 herbarium specimens sent to us in March, 1944, have not been acknowledged. We greatly regret this oversight but assure you that we are very pleased to have the specimens. Please accept our belated thanks.

This, then, would appear to leave us 174 sheets in your debt, according to our records.

Sincerely,

George T. Jones Assoc. Prof. of Boteny

/10

April 29, 1946

Dr. George T. Jones Associate Professor of Botany Oberlin College Oberlin, Ohio

Dear Dr. Jones:

I have your letter of the 25th regarding our account of herbarium specimens.
When I received yourlletter of March 12th I realized that there was a discrepancy somewhere but I did not worry about it and merely changed my record to conform to your letter. My record, before I changed it, showed 130 specimens in our favor. This is a difference of 44 specimens from your record. Forbyyof these you can check off because you have credited us with this number for some of our Butler University Botanical Studies sent in 1934 and since we send them to other institutions without any thought of remuneration save for exchange of reprints or publications.

If it is agreeable with you, let us say that you owe us, at present 130 specimens.

Sincerely yours,

Dear Dr. Friesner. I am sending you a fackage of flants - nothing much, but fullings you can use them in your exchanges.

One flant that Ons. Lemond has marked Constium piscoum lunks to me like C. milgatury. If he is right, I'd like to have the sheet back. In never seem or, at least, recognized, viscocum. author Clant I'm looking for is Polygrown scanding. It must be common arised here, but I find only ? convolunters and colinade. Terliafo dalways call a Diandeno, calinado, milliont examina I hope you have had a good wenter. Thy heart disease is very land, limit of front forming it will informe enough so I can go on a few rides and finh a roadende flant. I so miss my botanique.

Evelying mother Tails has to have someone with her all of the I don't get to church, so I never sie Evelyn. but she must be many, with her work a Her son, Oranine is doing well. I hear. The has a vine altractive smalle lunking wife and a mee baby. They have come back to Problams Landonbly amount. Editte Bicknell -12 Tung St. Ruckland, The. afril 27,19+6. P.S. Exerce the untidy appearance of the slife enclosed. I need to save my eyes the strain of cofigury them.

#### UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY-BIOLOGY BUILDING

May 2, 1946

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

Dear Professor Froesner:

After receiving the notice concerning the spring meeting of the Indiana Academy of Science, Fr. Fulford and I mentioned to our classes that we expected to attend the meetings and found to our sprprise that quite a number of our younger students wished to attend with us. We have at present a list of about Who have asked to come. I thought that before giving them final permission I had best ask if such a group would be objectionable from your point of view. While a considerable number will have had but a single course in botamy, and no doubt a few wish to come "for the ride", most are really interested. Dr. Fulford, Dr. Muegel and I plan to attend.

Incidentally, we have a vacancy for a bacteriologist beginning next year. For the first year or two the work will be divided between Liberal Arts instruction in bacteriology and research under Dr. O'Flaherty, Director of the Leather Research Laboratory. I would expect the right man to develop the work in bacteriology to the extent that it would require his entire time in Liberal Arts. We could probably pay \$3500.00 for the right person.

If you do not wish to have your field hike enlarged by so many undergraduate students, please do not hesitate to let me know.

Very sincerely yours,

Professor

May 3, 1946

Dear Dr. Hoskins:

your students wish to come to the meeting of the Indiana Academy. It is a tribute to the inspiration which you must instill in them. Dem sure that we will be glad to have you all with us. It may be that Dr. Fulford will want to have a special hike to deal with Hepaticae to which others besides your own students may care to go. If such should be the case, please let me know and we can make the special announcement of it at the evening meeting on Friday. At any rate, please come and bring as may with you as you can.

I do not know of enyone available at present for consideration for your vacancy in bacteriology. We have a topnoteker at present working toward the doctorate in bacteriology at the University of Wisconsin and if there should be a vacancy with you by the time he is ready I would recommend him highly, but that does you no good at the present.

We will look forward to seeing all of you next week.

Sincerely yours,

Ray C. Friesner

791 Winth avenue Salt Lake City 3, Waln may 3, 1946 Dr. Ray C. Friesna Butter unversity Indianopolis, Ind. Dear Dr. Friener: Mation of the Solidage, received sometime since, widently you do not agree with Dr. Blake in the reduction of 5. trinewato to synonomy! Smirely yours



THE COLLEGE

Botanical Laboratory 38th St. and Woodland Ave.

May 13, 1946

Butler Univ. Botanical Studies Butler University, Indianapolis, Ind.

Dear Sirs:

I am writing with hope that you still have copies available of:

Friesner; The Genus Solidago in Northeastern North America: But. Univ. Bot. Stu. Vol.111, Paper # 1, April, 1933.

If you have gratuitous copies left, I will greatly appreciate having one, If not, please advise me as to the cost, so that I may make proper remittance.

Very truly yours,

## American Botanical Exchange.

Geo. L. Fisher, Collector and Exchanger. 611 West Pierce Av., Houston 6, Texas, U.S.A. May 18/46.

-Dear Prof. Friesner-

The plants requested have been sent by Express .

364 specimens and 10 that are on the List. Plants on the were sent by mistake.

A new list of late arrivals will be sent when I have 100 or more.

You may collect more material as by sept several species not on the lists sent will be in. hundred

The last plants you sent are in demand especially those vars. by Fernald. I shall be in Mexico for 30 days this summer and hope to collect 150-250 species not before collected.

You sent \$2.00 so \$1.00 is returned. I make in sales \$200.00 or more each year which pays printing and my trip to Mexico.

yourssincerely

Geo.L.Fisher.

In the for sale Herbarium, 300 seed-plants and 30 Ferns are offered from Mexico at 10% each and postage. This is what they cost to collect them. If your Dept. wish any the whole number need not be taken.

# Merbarium Specimens Offered for Sale

Material is in good condition, unmonted, well filled sheets with full data. Offered for prices below and postage.

List of species offered in a G nus or Family if requested. Small orders accepted.

12c. each Herbarium Sheet. 200 S; ermatophyta and 30 Fercs from Mexico, collected in 1944 and 1945.

10¢. Each.

300 Spermatophyta and 30 Ferns from Mexico. 100 "from South America & W. Indies 50 " and 20 F rns from Philippines and Hawaiian Islands.

300 Spermatophyta from South Africa,

30

100 F ray fr m North America and Fu ope. 6é. Each.

400 Spermatophyta from North Africa. 300 "Australia. 200 "Southern Er Southern Europe,

5c. Each.

56. Each.

500 Spermatophyta from Texas.
500 North Eastern U. S.
300 "South Eastern U. S.
300 "Pacific Coast U. S.
50 "Western & 60 Eastern Canada.
600 "Central Europ.
300 Arizona, New Mexico, Utah, and
200 Musci from America and Europe.
80 Cares from U. S. Canada.
100 Cares from Europe.
200 North American Grasses.
700 Furgi fron North America and Europe.
0 Orders for more than 60 Fungi 36: each.
3000 Species of Spermatophyta and Cryptogams from all Continents. Orders for more than 200 4c each.

# Flora of Texas.

By V. L. Cory and H. B. Parks. A Systamatic List of 8000 uncultiva ed Ferns and Seed-plan's known to date, 1937. 130 pages, 50¢. Post Free, Stamps accepted, Geo. L. Fisher, 611 West Pierce Ave., Houston 6, Texas, U. S. A.



THE COLLEGE

Botanical Laboratory 38th St. and Woodland Ave.

Butter univ. Box studies, Butter univ., Indianapolis, Ind. May 74,1946.

Rear Sis:

Bot. Studies V.3 #1. "Lenne bolidage in north Eastern north armeria" by Ray C.

Frisner. If available, please forward & any cost will be covered.

Thanking you for your landness.

Same

Edwin T. Morel.

Edwin T. Moul

OFFICERS

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O. F. HALL
ALBERT L. KÖHLMEIER
CORNELIUS O'BRIEN
ANTON SCHERRER

May 24, 1946.

Prof. Ray C. Friesner Butler University Indianapolis.

Dear Professor Priesner:

There has been a little difficulty in finding the exact reference that I had in mind about the report on fossil pollen in Bacon's Swamp.

There is an article called "The Archaeology of Environment in Eastern North America," by Paul Bigelow Sears beginning on page 610 of American Anthropologist, Vol. 34, 1932. On page 613 of this article there appears as footnote 11: "P. B. Sears and A. E. Waller, Pollen Analysis of Bacon's Swamp at Indianapolis. (In preparation.)"

Also in Vol. 5, 1939-40 of American Antiquity, there begins on page 115 an article called "Pollen Analysis and its Bearing Upon American Prehistory: A Critique," which is a very complete bibliography. Under Paul B. Sears is listed the following articles:

1932a. Archaeology of Environment in Eastern North America.
American Anthropologist, Vol. 34

1932b. Postglacial Climate in Eastern North American, Ecology, 13.

1935. Types of North America Pollen Profiles, Ecology, 16.

1937. Pollen Profiles in the United States as an aid in Dating Cultural Deposits Early Man, ed. G. G. MacCurdy, Lippincott.

1938. Climatic Interpretation of Postglacial Pollen Deposits in North America Bulletin of the American Meterological Society, 19.

Sears, Paul B., and Elsie Janson

1933. The Rate of Peat Growth in the Erie Basin. Ecology, 14.

Sincerely yours,

Mu Lilly.

r

May 27, 1946

Mr. Eli Lilly, President Indiana Historical Society State Library and Historical Building Indianapolis, Indiana

Dear Mr. Lilly:

We greatly appreciate your kindness in sending the bibliographic references to pollen papers. We are especially grateful for the references in the American Anthropologist, American Antiquity, and in the Bulletin of the American Meteorological Society because these are periodicals with which we are little familiar.

The paper by Sears and Waller, on Pollen analysis of Bacon's Sawamp was never published to our knowledge because he found that his profile was not womplete. He forwarded all his data to us when we were making our study. The material was finally published by one of our students as his Master's degree thesis. the reference is: Otto, James H. Forest succession in the southern limits of the Early Wisconsin' glaciation as indicated by a pollen spectrum from Eacon's Swamp, Marion county, Indiana. Butler Univ. Bot, Stud. 4: 93-116. 1938.

Thanking you again, I remain

Sincerely yours,

Ray C. Friesner

University of Notre Dame
DEPARTMENT OF BIOLOGY
NOTRE DAME, IND.

May 27, 1946

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

Dear Dr. Friesner:

As you will note from the enclosures we are makeing an attempt to augment our graduate work here. Thus far, I believe, we can offer adequate training in taxonomy, morp loogy, and physiology. Dr. John Jump, a plant pathologist, will arrive this fall end, also, we expect the return, within about two years, of a priest now working for his doctorate at the University of Chicago. Under these conditions I think you may safely recommend Notre Dame to your major students interested in advanced work. I hope that we may receive applications from any graduating students which you may have.

With best personal regards, I am,

Sincerely yours,

Noe Higinbotham Assistant Professor

P.S.
As you probably know Notre Dame is not coeducational so that only male students are admitted to the graduate school.

N.H.:mh

May 29, 1946

Dear Noe:

Thanks for the announcement regarding your graduate work at Notre Dame and congratulations on your new plans for excension of the program of studies. I am certain that you have the potentialities at Notre Dame for a high grade graduate school in the sciences. You have the plant, the money, the equipment, and, above all, the calibre of faculty.

I hope you will convey my congratulations to Dr. Just and to Father Sheehan.

We do not have any students graduating this year whom I could recommend for continuing in graduate, but I shall certainly keep Notre Dame in mind when we do.

Best regards to Betty as well as yourself.

Sincerely yours,

Ray O. Friesner

Hunt Institute for Botanical Documentation

### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN VICE-PRESIDENTS HENRY DEF, BALDWIN JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS TREASURER ARTHUR M. ANDERSON

May 27, 1946

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

Dear Dr. Friesner:

In connection with our projects on insecticides and repellents, we find there are several more plants we would like to test. They are listed on the enclosure, together with parts and quantities desired. In due time we would be pleased to hear from you whether any of these plants are available to you, so that we may plan accordingly. We shall then try to obtain from another source those plants which you state you definitely cannot procure for us.

Your cooperation in this matter would be greatly appreciated.

Under a separate cover we are sending you reprint of paper recently published entitled: "Studies in the Sapotaceae, III, Dipholis and Bumelia" by Arthur Cronquist, which we trust will be of interest to you.

B. A. Kul B. A. Krukoff

JM/ml

enc. List

### Plants of Indiana

- 1. Prenanthes crepidines (Compositae) entire plants, 1 lb.
- 2. Prenanthus racemosa (Compositae)
  entire plants, 1 lb.
- 3. Hieracium longipilum (Compositae) entire plants, 1 lb.
- 4. Asclepias Sullivantii (Asclepiadaceae) entire plants, 1 lb.

June 11, 1946

Dr. B. A. Krukoff New York Botanical Carden Bronx Park, Fordham Station New York 58, New York

Dear Dr. Krukoff:

Your letter of May 27 regarding collection of certain plants reached me during the period of our final examinations and commencement and I have just now been able to find time to give it consideration. The only plant on your list that is reported for the part of the state in which we will be working this year is Prenanthes credidines and I have run across it only once in all my collecting. There is a report for Marion County, (Indianapolis) but this station is now occupied by a city residence. So it appears that I will not be able to secure any of the species which are on your list.

Sincerely yours,

Ray C. Friesner

### THE NEW YORK BOTANICAL GARDEN

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DIRECTOR WILLIAM J. ROBBINS

June 18, 1946

TREASURER ARTHUR M. ANDERSON

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

Dear Dr. Friesner:

Acknowledgment is made of the receipt of your letter of June 11.

We note that the species requested in our letter of May 27 are not found in the part of the state where you will be working this year and therefore are not to be expected from you. We have prepared a new list of eight (8) additional Indiana species that are on our program for testing in 1946, and although it is rather long, we are presenting it to you in the hope that at least some of these plants grow in your area.

At your convenience please let us know which of these plants, if any, are to be expected from you.

Under separate cover we are sending you reprint by Joseph Monachino, entitled "A Revision of Macoubea and the American Species of Landolphia (Apocynaceae)."

Very truly yours,

B. A. Krukoff

JM/hk (Enc. list)

## PLANTS OF INDIANA

1. Kuhnia eupatorioides entire plant - 1 lb.	(Compositae)
2. Vernonis fasciculata entire plants - 1 lb.	(Compositae)
3. Prenanthes aspera entire plants - 1 lb.	(Compositae)
4. Eupatorium altissimum entire plants - 1 lb.	(Compositae)
5. Asclepias amplexicaulis (= A. obtasifolia) entire plants - 1 lb.	(Asclepiadaceae)
6. Eupatorium serotinum entire plants - 1 lb.	(Compositae)
7. Asclepias perennis entire plants - 1 lb.	(Asclepiadaceae)
8. Hieraceum canadense entire plants - 1 lb.	(Compositae)

June 19, 1946

Dear Dr. Sherff:

I appreciate your kindness in sending me a copy of your recent paper in Rhodora. I have waited to write you because Dr. Potzger and I were making a trip to the dunes area with Mr. Deam and I wanted to be able to tell you whether the Valerianella chenopodifolia is still at the Trails Creek station. We stopped there last Friday and found it still in collectable condition. By the speedometer of my car, the station is 2.9 miles east of the junctions of Rds. 20 and 43.

Report of the Sphaeralcea remota station is contained in the "Indiana Flant Distribution Records, VI. 1945" which is now in the hands of the printer. When I prepared the manuscript for the report, I did not care for the genus name "Phymosia" and did not know about the name "Iliamma" which you used. While I could yet change the name in the report when the proof comes, I have decided that there in little point in changing from one doubtful name to another, probably equally doubtful, and so have decided to let it stay as I have used it.

In case you do not have specimens from the Indiana station, I could send you some.

Thanking you for your kindness, I remain Sincerely yours,

Ray C. Friesner

June 24, 1946

Dr. B. A. Krukoff New York Botanical Garden Bronx Park, Fordham Station New York 58, New York

Dear Dr. Krukoff:

I have your letter of June 18 regarding certain plants which you need in your plant analysis program. The only ones on the list that I am certain to be able to secure are <u>Bupatorium serotinum</u> and E. altissimum. These I will be glad to collect and send to you.

Should I run across any of the others I will collect them and let you know of their collection at pace, though I do not anticipate securing any except the two first mentioned.

Sincerely yours,

Ray C. Friemer

Vaccas, on the stranged of programming the stranged of the str

It comes to me that I have a latter to write to Dr. Frienner and I shall send him perhaps this same quotation, with the incugat that it always helps us to examine our own concepts if we can have as many personal slants as possible from other special students of our problem.

## CHICAGO TEACHERS COLLEGE

DEPARTMENT OF SCIENCE

Chicago, Illinois , June 23, 1946

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

My dear Dr. Friesner:-

Before leaving for a much needed week's rest at our summer home in Michigan, I am dashing off a large number of letters that should have been written several days ago, among them one to you. Permit me to thank you for your kind letter of June 19th.

Am glad that you located the <u>Valerianella</u> habitat at Trail

Creek Woods. The particular spot especially referred to in my article was just north of the tiny bridge on the north and south road crossing Route 20. It was on east side. However, on the west side, and south of the bridge, there is a vast quantity of it growing interspersed with <u>Galium</u> (as I recall, <u>G. aparine</u>). Indeed, the two simulate each other so much that students sometimes intermix them carelessly in their handling, until special mention is made that two very unlike species are present.

Was glad to learn that Mr. Deam was alive and able to travel. I wrote him a special letter last autumn on his 80th birthday, but never

heard from him, so had feared for his health.

Many thanks for your kind offer to send some Indiana specimens of the Kankakee mallow. While I plan to drop around near New Paris some day next month on my way to Michigan (or from it more likely) and get some specimens, still I believe you should send a couple of your own collecting straight to the Chicago Natural History Museum for accession. This reminds me that I reserved a specimen or two for you last summer and marked them Friesner. Some time this summer I shall see that they are

mailed to you.

I had occasion this morning to write my old friend Clute and incidentally quoted from Dr. Kearney's letter of June 18, 1946, regarding Iliamna. As you may care to know what the judgment (independently of my own) of a specialist on mallows finally came to be regarding liamna, I shall enclose a clipping from my carbon copy of my letter to Clute. (Of course, before i had ventured to take up Wiggins' treatment for adoption, I had studied his findings very carefully and even retraced many of his determinations in herbaria. I decided, as Kearney seems to have done, that his conclusions were sound.)

Since you are interested in continuing range-extensions etc. for Deam's Flora, you might care to include the widespread Tragopogon that has crept into N.W. Indiana in recent years (I seem to recall it as T. major Jacq.) I told Deam about it when he was in page-proof but he did not wish to alter the plates or formats. It does not show up so strikingly in dried material, but the leafy, dirty-yellow-flowered

plants are very distinct in the field. With all good wishes, I am

Yours very truly,

HEAD OF THE DEPARTMENT OF (SUMMER ADDRESS: 7419 Stewart Ave., Chicago 21, III.)

### THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN VICE-PRESIDENTS
HENRY DEF. BALDWIN
JOHN L. MERRILL

DIRECTOR WILLIAM J. ROBBINS TREASURER ARTHUR M. ANDERSON

June 26, 1946

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

Dear Dr. Friesner:

I cannot recall if I ever offered you for your herbarium a set of my plant collections in verious states. To date I have distributed 27 sets, comprising in all over 45,000 specimens, to the leading herbaria of the world. I happen to have another set ready now -- I try to make labels for one or two sets a year (since I do all the work myself, that is all I find time for).

This set has 680 specimens in it, collected in Ohio, Pennsylvania, New York, New Jersey, Vermont, Maryland, Delaware, Massachusetts, Connecticut, and various other states. In the set are 102 specimens, already mounted on standard-eize herbarium sheets, of cultivated plants representing species, genera, and even families not usually found in herbaria here and therefore of particular value in a teaching institution as illustrative material. These, I regret to say, are rather small in size because they date back to my own college days when my herbarium was mounted on college note-book paper; however all the others are full-size specimens. Every specimen is fully identified and labelled with printed labels. The majority has been identified by experts in various groups. All have or will be cited in my series of contributions on state floras, and many have been cited in monographic works.

I am asking only \$25 for this set, or about 3 1/2 cents each. Please let me know if you would be interested in acquiring this material.

With kindest regards and all best wishes, I beg to remain,

very sincerely yours,

Herold N. Moldenke,

old N. Moldenke, Associate Curator

P.S. I almost forgot to mention that included are some specimens from California, Idaho, Nevada, and Montana, and also 5 or 6 isotypes; also some Bahama plants.

H.N.M.

# c/o THE NEW YORK BOTANICAL GARDEN

BRONX PARK (FORDHAM BRANCH P. O.) NEW YORK 58, N. Y.

PRESIDENT JOSEPH R. SWAN

VICE-PRESIDENTS HENRY DEF. BALDWIN JOHN L. MERRILL

OHN L. MERRILL

TREASURER ARTHUR M. ANDERSON

DIRECTOR WILLIAM J. ROBBINS June 26, 1946

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

Dear Dr. Friesner:

Your letter of June 24th reached my hands on the eve of my departure to Guatemala and Costa Rica.

I am pleased to hear that you will be able possibly to secure for us <u>Kupatorium serotinum</u> and <u>E. altissimum</u>, and that the collection of other plants is uncertain, but that you will collect them if you come across them.

Please note that in my absence from the office Mr. Monachino will handle correspondence and routine work, As you may know, he has been in charge of the projects of insecticides and anti-malarials for sometime.

Under a separate cover we are sending you reprint recently published entitled: "Studies in the Sapotaceae-IV, The North American Species of Manilkara" by Arthur Cronquist, which we trust will be of interest to you.

Very truly yours,

B. A. Krukoff

BAK/ml