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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.

March 14, 1932.

Dr. O.E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

As I am at present engaged upon a study of the grass genus Danthonia and desire to examine all the available material of this genus from the eastern United States and Canada, I am writing to ask for the loan of the herbarium specimens from the Carnegie Museum. I am especially interested in D. compressa and D. spicata, but would like to see material of all of the species from eastern North America.

It goes without saying that while this material is being studied it will be kept in a metal case in a fire-proof building and will receive the best of care.

I am presenting a preliminary report of my investigations in this genus at the West Chester meetings of the Pennsylvania Academy next week and if you could possibly let me have your material before that time I should indeed be grateful.

Hoping that we may sometime be in a position to return your kindness by offering you anything you might wish to borrow from this herbarium, I am,

Sincerely yours,

John W. Fogg, Jr.  
Curator of Herbarium

March 29th, 1932.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

I desire gratefully to acknowledge  
the safe arrival of 87 specimens of Danthonia, received  
as a loan from the Carnegie Museum.

Let me reassure you that these specimens  
will receive the best of care and will be returned as  
soon as possible.

Very sincerely yours,

John M. Fogg, Jr.

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

November 7, 1934

Dr. John Milton Fogg, Jr.  
Botanical Laboratory  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Dr. Fogg:

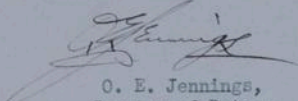
The bundle of specimens arrived safely and I have laid it on Dr. Graham's desk to take care of them and to redistribute them.

We are always glad to loan specimens for critical examination and at any time that we may be of service in this way, do not hesitate to call upon us.

As to exchanges, we should be very glad to exchange material, as we have it accumulating from time to time. I suppose we probably have on hand now somewhere around four hundred sheets that we could send you at once. Dr. Graham just now is making a little trip over to Ann Arbor to look over some material from the West in connection with some studies he is making of the material he collected in Utah the past two seasons. As soon as he gets back, I'll have him take up this matter with you. He generally takes care, now, of the various exchanges.

With best regards, I am

Yours sincerely,



O. E. Jennings,  
Curator of Botany.

OEJ:FH

*Not a Dr.*  
*entered in Guide*

from Fagg

May 25, 1939

Dr. Owen Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.,

Dear Dr. Jennings:

There are going forward to you today the following items; I. By express collect two boxes containing 1,015 specimens which we have mounted for you have named and recorded and are now returning.

II. By prepaid express one of your fibre cartons containing chiefly specimens of the Liliaceae received from you a few days ago.

I regret that in returning your specimens I so frequently disturb the sequence in which you send them to me. This results of course from the fact that in nearly every shipment there are a few species which need to be held for detailed study. It is my practice to record the easy things first and to lay aside the critical forms for a more exhaustive examination. Thus I still have a great many of your folders of *Carex* which I hope soon to be able to study and return. This is the last week of the academic term and I hope soon to find myself in possession of some undisturbed leisure.

I feel it my duty to warn you concerning the collections of one B. H. Smith, many of whose sheets we have been mounting for you. In nearly all cases the labels bear the statement, "Near Medford, Delaware County". There is no such locality in Delaware County and there is grave doubt if many of his species would grow there if there were. Medford is in Burlington County, New Jersey where Smith did much collecting and I believe that a fundamental error is involved in all of these specimens. I am not having them recorded and would suggest that you treat the entire collection as of very doubtful origin.

Dr. Schramm tells me that he is at last ordering some new fibre cases. This ought to speed up the flow of material between our two institutions. I only hope that this will not place additional burden on your resources.

-2-

Dr. C. R. Ball, Extension Service, U. S. Dept. Agri. Washington, D. C., has come forward with the offer to examine all of the material of Salix from Pennsylvania. I am therefore wondering if, when you are ready to forward your willows, you would be willing to send them direct to Dr. Ball who can then examine them and transmit them to us to be recorded before returning them to you. If this plan meets with your approval I shall drop Dr. Ball a line telling him to be on the lookout for your material.

Sincerely yours,

John M. Fogg, Jr.  
Curator of the Herbarium

JMF:CF

JENNINGS, Owen E.

(See L. K. Henry)

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

5/26/1939

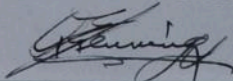
Dear Dr. Fogg :

Don't worry about any disturbance you may cause in the arrangement of our specimens, as to sequence. This will adjust itself readily enough when we return them to the cases.

Thank you for the note regarding the B.H. Smith localities. Do you think we should stamp these sheets as "probably from New Jersey", or something to that effect? Your ideas about this are of much more weight than any we can have, of course, because of your knowledge of the locality. What would you suggest we do?

We are ready for the additional cases and will send them on as soon as they arrive. And, also, as to the Willows, I shall be delighted to send the whole affair to Dr. Ball. Griggs went over many of them, but Ball is better. So we can take one of the new cases when they arrive and send the willows to Dr. Ball, if that suits you.

Best regards,



CARNEGIE MUSEUM  
DEPARTMENT OF  
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DIRECTOR

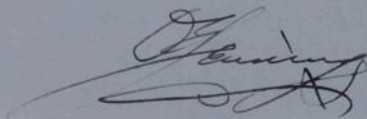
June 7, 1939

Dear Dr. Fogg :

The Willows have all been shipped to Dr. Ball. They have gone in one of your new cases and in a smaller separate package, and I have sent him the key to the padlock for the strap on the case, and have asked him to be sure to send you the key when he ships the specimens to you.

Also, I believe Dr. Henry sent one of your new cases to you last evening, filled. And the other new case will probably go today or tomorrow. I think we can keep you "perspiring" over the specimens this summer. I am enclosing herewith the keys for your two other new cases [Dr. Ball having the third, and we retaining also a set of three].

Best regards,



June 30, 1939.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

There is going forward to you to-day a return shipment in one of your fiber cases. I regret that this material is even more badly mixed than usual. This is owing to the fact that I have tried to pack the boxes with the heavy material on the bottom, rather than on the top where it might injure the lighter specimens beneath. Another box will go forward within a day or two.

It was a pleasure to see you at Wellsboro last week and I wish that our meetings might be more frequent.

Sincerely yours,

John M. Fogg, Jr.  
Curator of the Herbarium.

JF:GR

July 13, 1939.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

There are going forward to you to-day the following items:

1. Two cases containing your Herbarium material sent by prepaid express.
2. Two cardboard cartons containing specimens which we have mounted for you. The large box holds 598 sheets. The smaller one 376. In the latter are a few sheets which are not in family order, due to the fact that they came in at the last moment. These two cartons are going by express collect.

Thank you very much for your article on the vegetation of Western Pennsylvania. I greatly enjoyed reading this and am happy to have it in my files.

May I remind you of your promise to send me a copy of your paper on the flora of Presque Isle? I forget whether this paper was originally distributed free, or was sold. If the latter, I should be only too happy to purchase a copy.

With deep appreciation of your continued co-operation, I am

Sincerely yours,

John M. Fogg, Jr.  
Curator of the Herbarium.

JF:GR.

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE GARDNER INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

July 25, 1939

Dr. John M. Fogg, Jr.,  
38th St. & Woodland,  
Philadelphia, Pa.

Dear Dr. Fogg :

Knowing that you are anxious to mount duplicates which we might be able to send you on exchange I have been working over bundles of plants when opportunity afforded time, and so has Dr. Henry; and the young man who has been helping part-time has been copying labels.

Dr. Henry will send out tomorrow morning two pasteboard cartons containing, according to his count, 981 and 513 sheets, making a total of 1494 specimens. These are labelled with labels like the enclosed

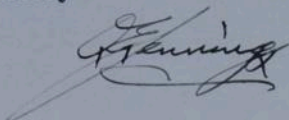
"Distributed from the Herbarium of the Carnegie Museum" or else indicated as "Ex-Herbarium....." and not many are identified. We decided to send them un-named rather than to wait till we could get time to identify them.

Also, I did not see all this material and there may be some of it which is poorly prepared or poorly dried. If so please throw it out and check off the number from the exchange account. I have just run across a bundle from Erie which had some very poor material in it (discolored and brittle) and I have been throwing some of it out. I fear some of this may have gotten among the duplicates we sent you.

Did you know that Dr. Gress has been "let out" at Harrisburg. I believe his connection as State Botanist ends on Thursday, this week. Changes will occur when the Ship of State changes pilots, although I think the change is one of policy rather than of politics. I don't know what will happen to the position. I hope the position and the work of State Botanist may be continued. It would be too bad to discontinue after such a good start.

With best regards, I am

Yours sincerely



July 27, 1939.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

I have just sent off to you by express two cases of specimens. These contain the willows which have been seen by Dr. Ball and have now been recorded here, and in addition, a few miscellaneous folders, which I put in one of the boxes, merely to fill it up. I am pleased with the speed with which you are sending material to me and hope that I can keep up with the pace which you are setting.

Many of the species of willows were represented by straight duplicates and I have taken advantage of your generous offer to retain a few of those for our own collection. I am going to send Dr. Ball our own willows now and in a case of duplicate numbers, I will be glad to pass on to you later such sheets as are available.

I have your letter informing me of the sending of nearly 1500 specimens of unmounted duplicates. These will indeed be welcome here and should keep us busy for sometime to come. I will exercise my judgement in the matter of such material as may be below Standard, but believe that there will be very little which we will not wish to keep.

Dr. Gress wrote me sometime ago, that his connection with the Department at Harrisburg would terminate before the end of this month. This is one of the most tragic things I have heard in a long while and I have taken occasion to write and have requested others to write to the authorities at Harrisburg, to tell them what I think. I suppose it will do no good but at least we can go on record, as stating that the loss to Botanists throughout Pennsylvania is indeed a severe one.

I hope to be able to get to the meetings at La Porte in August, but work here is piling up to such an extent that I am beginning to doubt very much whether I might have this added opportunity of seeing you.

With best regards, I am

Sincerely yours,

John M. Fogg, Jr.

August 31, 1939.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Another carton will be on its way back to you within a day or so. This is the last I will be able to return for a week or two, as I am planning to go away for a short vacation.

May I ask you kindly to refrain from sending me at present your representation of *Crataegus* and *Rubus*. I am not yet ready for these two genera, but will let you know later when I want them. Also I have in mind asking you to forward your collection of *Amelanchier* to Dr. Wiegand when he returns from his vacation toward the end of September. I am asking him to examine our series and would like him to see yours at the same time. Perhaps, you had better do nothing about this until I notify you that he is ready.

Sincerely yours,

John M. Fogg, Jr.  
Curator of the Herbarium

JG:CR.

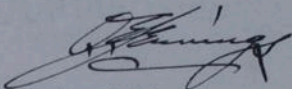
CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

Sept. 1, 1939

Dear Dr. Fogg : In one of your recent letters you inquired about a copy of my paper on Presque Isle. I am sorry to say that this has been out of print now for about ten years, excepting such copies as are bound up in volumes of the Annals of the Carnegie Museum. The paper was published as pages 289-450 [+ 30 plates] of Volume 5, Annals of the Carnegie Museum. The Museum still has copies of the bound volumes. The Office has just now called me to say that I had thought I might "scare up" one of the separates for you somewhere, but it apparently can't be done.

Yours sincerely,



they have found a few unbound volumes and will be willing to separate and sell the parts separately, the Presque Isle paper being listed at \$2.75. I wish I had known this before, for several other requests have

occurred from time to time and I told them they would have to get the bound volume.

CARNEGIE MUSEUM  
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PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

Nov. 25, 1939

Dear Dr. Fogg :

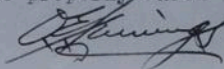
I am sending herewith a small package of Pennsylvania labels. If more are needed, let me know.

Dr. Henry tells me that his last sending of unmounted material seems to be the last. I'll go down to the storeroom with him to take another look around, but I think that you now have it all, excepting three or four hundred sheets of this year's gathering. We have lots of material from outside of the State.

Yes, indeed, duplicate material is always welcome, and I hope that you find more of it for us. We hope to be able to send in return.

I think you are wise in pushing the Harrisburg matter. If the authorities decide to not use the herbarium it ought at least to be properly cared for or sent to some responsible herbarium in the State where it will be properly cared for.

Yours sincerely,



March 4, 1940

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Miss Earle tells me that we need another 1,000 sheets of herbarium paper in order to mount the remaining material which we have on hand for the Carnegie Museum. As in the past, I suppose you will order this from the American Fiber-Velope Manufacturing Co., and have it sent direct to 3436 Walnut Street.

I believe that to date we have mounted 18,000 specimens for you. We would like to know whether this represents your total sending, or whether we may look forward to receiving additional material. I should also like to know whether you have any more duplicates for us. We may not have our present staff of mounters much longer and I am naturally eager to have everything possible mounted while they are still here.

You will be interested to learn that I sent another series of your unnamed Salix to Dr. Ball, who has just returned them with his identifications. They will go back to you in the next lot of material which we send you.

Sincerely yours,

John M. Fogg, Jr.  
Asst. Prof. of Botany.

JMF:H

June 20, 1940.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburg, Pennsylvania.

Dear Dr. Jennings:

There is going forward to you today one of your cartons of specimens, the last which I shall be able to return for some weeks. I am leaving Saturday for the Mountain Lake Laboratory in Virginia where I shall be until about August 1. Therefore, please do not send any material until you hear from me.

I am aware that I have here a goodly number of your folders, all of them containing material which requires careful study. Please do not worry about these plants. They will be housed during my absence in metal cases in a fire-proof building, and I shall hope to get at them later in the summer, study and record them and return them to you.

I feel that I must apologize for having made almost exclusive use of your two fiber cartons instead of the three which we have made. One of ours is doing continuous duty between here and Harrisburg, and the other two have been busy taking our *Salix* and *Cyperus* to Ball and O'Neill, respectively.

I have just come back from a very successful collecting trip in Mifflin and Juniata Counties. I hope following my return from Mountain Lake in August to collect in some of the less well known northwestern counties, such as Cameron, Potter and Elk. I wish that you could join me on some of these trips.

With best wishes for a pleasant summer, I am

Sincerely yours,

John M. Fogg, Jr.  
Assistant Professor of Botany

JMF/LV

October 8, 1940.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Last year when we had here your material of the Rosaceae, I returned without study the various folders of crab apples (*Malus* or *Pyrus*), feeling at that time that I had not sufficient grasp of this genus to record them intelligently. Recently, I have learned from Dr. Rogers McVaugh of the U.S. Department of Agriculture that he is embarking upon an intensive study of these plants. I have sent him our entire series from here for his examination and wonder if it would not be well for you to do likewise with the Carnegie material. After naming them he could return them to us for recording after which they could be sent back to you.

Our W.P.A. project, which expired in July, has now begun operation again. Before long I may ask you to continue sending us material from your Herbarium, but for the present I have enough of your specimens on hand to keep me busy. It would be well not to resume forwarding me material until you receive the boxes which I have still on hand. We still have something like a thousand sheets which we mounted for you and which as soon as they are named and recorded will be returned. If you have any more material to be mounted, we should be glad to receive it at this time or whenever it suits your convenience.

With warm personal regards, I am

Sincerely yours,

John M. Foss, Jr.,  
Asst. Prof. of Botany.

jmf/mj

May 9, 1941.

Dr. O. E. Jennings  
Carnegie Museum  
Pittsburgh, Pa.

Dear Dr. Jennings:

There have gone forward to you by express collect six packages containing a total of 1956 herbarium specimens which we have mounted for you on your paper. These are mostly plants of earlier years, but a few of them are your 1940 collections which Dr. Henry sent us this last winter.

We still have a goodly number of your specimens on hand and as these are mounted, studied and recorded they will be forwarded to you.

With best wishes for a pleasant summer, I am

Sincerely yours,

John M. Fogg, Jr.

JMF:W

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR

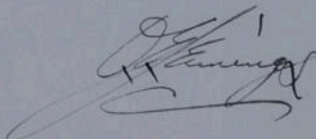
May 12, 1941

Dear Dr. Fogg :

One of our graduate assistants who is working on the snails of Pennsylvania, and who spent last summer in his old rattle-trap of an auto in various parts of the State, wants to know if he can have ten of your Pennsylvania card-maps. If so, he would like to have them as soon as possible, and would immediately remit whatever might be the cost. He is Charles B. Wurtz and could be addressed in care of the Herbarium, Carnegie Museum.

I expect to attend the meeting down your way this coming week-end and may see you then.

Yours sincerely,



May 18, 1942.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

No doubt you have been wondering what is happening in our project on the State flora and whether we ever intend to return to you the several hundred specimens of yours which we had mounted. I regret to inform you that our WPA personnel is lost to us for the time being and maybe for good. Although we supposed that this would ultimately happen, the break came so suddenly that we were unable to clear up many last minute details before our workers departed. We have, however, a goodly number of your specimens which we mounted and recorded and just as soon as I can find the necessary time I shall see that these are packed up and returned to you. Another considerable number were mounted but have not been recorded because they belong to difficult groups awaiting critical determination. These are stored in a safe place and I shall see that they are properly cared for until such time as it seems feasible to work them over. If, despite the fact that they have not been fully named, you would prefer to have them back, please let me know and I shall see that they are returned.

I am aware also that we have here a good many sheets from your herbarium belonging to genera which have not been fully studied. These, too, are safely housed and if you have no objection I should prefer to retain them for a time at least. Dr. Schramm and I are attempting to work out some plan whereby we may be able to resume work in the fall and carry ahead slowly the necessary operations which would enable us to complete the recording and mapping portions of the flora. The work is really so nearly completed that it would seem a pity if anything were to happen to prevent its fulfillment.

I suppose that our field activities will be sorely hampered this summer but in compensation for this I hope to be able to devote more time to some of the critical problems which are still awaiting attention. You have indeed been patient with us and I would like to express again my sincere appreciation of your very helpful attitude.

Sincerely yours,

August 10, 1943.

Dr. O. E. Jennings, Curator,  
The Herbarium,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

Please prepare yourself for a shock! There is actually going forward to you some material from here. The present shipment consists of a) one fiber carton, sent by pre-paid express, containing specimens from your own Herbarium, which have been studied and recorded; b) two boxes, sent express collect, containing a total of 499 specimens mounted by us, as per agreement.

I think it would be unwise for you to send us any additional material from your Herbarium at the present. I am still without the necessary clerical help to enable me to carry on the work of recording and there is already a large accumulation of your material here awaiting to be put through that process. I hope in the autumn to be able to resume this work with the aid of N.Y.A. help and at that time shall attempt to return to you the specimens which you have so patiently allowed us to retain. The plants which I am sending back now were actually recorded some months ago, but I have found no opportunity until the present to get them packed up and shipped back to you.

I hope that your field activities are not being so severely curtailed as mine but that you are finding a chance to get into new and interesting regions. I have had a lively correspondence with your John F. Lewis and look to him to do a really good job in Fayette County.

With warm personal regards, I am

Sincerely yours,

from Jennings

August 14, 1942

Dear Dr. Fogg :

I believe that by this time you think, with good reason, that I am about the poorest correspondent ever. Of course I have excuses, but why worry about them right now, with "accelerated program" and some other extra duties I have assumed there is enough to worry about.

By the way, Dr. Crawford tells me you are a Dean. Many congratulations as well as a measure of sympathy for the many tales of woe a Dean listens to.

I have not done as much field-work this year as usual, for reasons of tire saving, although some trips were made and a few discoveries. I turned up a fine patch of Ruellia strepens on a rich wooded hillside about a half mile north of Riverview (~~Abraham~~ New Eagle) in northern Washington County. I used to collect this farther west over in Ohio. Three new stations for Trillium nivale were discovered: one at the big bend of Sewickley Creek, east of West Newton, the other two in a ravine about four miles northeast of McKeesport. Also one of my students turned up a new station (which now makes two for W. Pa.) of Camassia. This is along Peters Creek about two miles above Large, s.e. Allegheny County. Probably some of our other collections add new counties to the list, but these are the notable finds.

The package of plants reached us in good order and thank you. We have been able to sort out and distribute some of the material as it has been arriving, although we are now faced with a shortage of room in our cases. We are trying to get some more. miles in

The Carnegie Museum serves as a center for reference, for classes to visit, and from which loan material is sent out, for a region roughly approximating 150 miles radius from the city. For this reason the institution has encouraged "local" exploration and study and also publication of handbooks, etc., for the area often spoken of by business interests as the "Pittsburgh District" or the "Tri-State Area". Among other things there have been planned for a long time a series of somewhat popular books on birds, reptiles, plants, etc., to cover this area, and I have been accumulating material for such a publication on plants. This region, of course, takes in a considerable area in southeastern Ohio, and northern West Virginia. I have had some experience in Ohio, native to northern Ohio, and

while assistant in the Botany department at Ohio State having had charge of the State Herbarium under Drs. Kellerman and Schaffner, so that flora is somewhat directly familiar to me. For the past 38 years, since I have been at the Museum, I have preferred to spend more of my energies in building up the collections here, than in critically studying them, and the collections of bryophytes, pteridophytes, and spermatophytes are to a considerable measure, as you have probably observed, due to that activity.

Our Director has been urging me for the last few years to get going on my flora of the district and he has been making water color plates, natural size, of such good material as I might be able to get for illustrating some of the more conspicuous or otherwise notable plants of sufficient size for such a semi-popular work. Your flora is of a quite different type but the work of critically examining the herbarium and bringing the nomenclature up to date is just the thing that would have had to be done before our book could have been prepared, so that the whole thing works together beautifully, and we'll have to thank you for all the revision and checking you are doing on the collections.

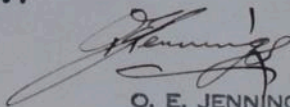
I have been considerably interested in the Composites and have been working from the other end of the Herbarium, puzzling over that family for some time. Previously I have published Lactuca canadensis var. spinulosa and L. spicata var. aurea, and more recently something on the Eupatoriums. I have been using my spare time recently on the Solidagos, and, believe me !, that is a good genus to worry over. When we get around to sending this family down to you, I think you will find it in something like good order but with some funny things.

Lewis is doing a tremendous job of collecting and exploring Fayette County. Not to mention numerous other trips, he and one of his high school students spent one whole summer visiting and collecting in almost every square mile of that county. when his collections are in shape to be examined they will be very interesting ! He turned up a lot of Oxydenfron, also Aconitum reclinatum. I just have one of his characteristic letters (four typed pages close spaced) which I have not taken time to digest.

Here is hoping that you do get NYA or other help for next year. I am afraid the outlook is none too good for extra help from that source.

With best regards, I am

Yours sincerely,



O. E. JENNINGS  
 (CURATOR OF BOTANY AND  
 DIRECTOR OF EDUCATION)  
 CARNEGIE MUSEUM  
 PITTSBURGH, PENNSYLVANIA

from Fajg

September 1, 1942.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pennsylvania.

Dear Dr. Jennings:

Thank you for your kind letter of August 14th and for the interesting separates which you so thoughtfully enclosed. I am eager to tackle the Eupatoriums with your key before me.

I am working ahead slowly on the Carnegie material and hope before long to be able to return an additional box or two of specimens. John Lewis and I have had a rather lively correspondence and I have promised him that I would concentrate my attention for a while upon the Fayette County specimens which are included in the rather large assemblage of puzzlers which I am holding here for study. These will be mostly among specimens which we mounted for you.

Your projected account of the plants of the Pittsburgh metropolitan area appeals to me as extremely worth while. I am delighted that you can find time to tackle it and wish you all possible success in its completion. I hope that the material of yours which I still have here will not too seriously handicap its prosecution. I assure you that now that field work is practically at a stand still I hope to have more time to devote to the study of these critical groups which have held me up all along the line. It is a matter of real regret to me that Dr. Wiegand did not live to see the whole of our Amelanchier collection. He saw about two-thirds of it and just before his death I had packed in a shipping carton the balance of our material together with all of yours which we had on hand. I feel, however, that on the basis of the specimens which he did name, I can probably make a stab at completing the rest.

With best wishes for clarification on Solidago & Co.,  
I remain,

Sincerely yours,

from Fogg

April 16, 1943.

Dr. O. E. Jennings,  
Department of Botany,  
University of Pittsburgh,  
Pittsburgh, Penna.

Dear Dr. Jennings:

I am sorry that you were not at the Harrisburg meeting of the State Academy for I had hoped that I might be able to interest you in cooperating with our phenological survey of early spring plants in Pennsylvania. I am taking the liberty of sending you, under separate cover, several copies of the project which I have prepared in the hope that you might be able to find someone in your area who would be willing to make some observations for us. I suppose that you are too busily engaged yourself to get into the field daily, but trust that among your many acquaintances in the Pittsburgh region you might find those who had leisure and interest to cooperate. I shall be happy to supply additional copies of the log if you can find use for them.

With warm personal regards, I am

Very sincerely yours,

Associate Professor of Botany.

June 2, 1943

O. E. JENNINGS  
(CURATOR OF HERBARIUM AND  
DIRECTOR OF EDUCATION)  
CARNEGIE MUSEUM  
PITTSBURGH, PENNSYLVANIA

Dr. John M. Fogg, Jr.,  
Dean of the College,  
University of Pennsylvania.

Dear Dr. Fogg :

Now that the Commencement exercises are over- I performed my duties as Marshal yesterday - I am beginning to catch up, excepting that I am vainly trying to buy some things for next year and can not because of blankety-blank priorities. I suppose this all is an old story everywhere; but for our Biology 1,2 classes we started out last fall with five graduate assistants and ended up in May with but one ! So we got busier, and busier, and busier. Besides all that our Biology department moved out of the Cathedral of Learning to occupy part of Alumni Hall up on the hill. I have not gained a single pound in weight. Now there are about 1200 preflight and other cadets housed in the Cathedral.

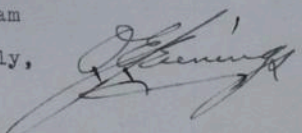
I distributed the phenological logs you sent me, but don't be too hopeful. Our people are having difficulty in getting around. We have cancelled our Botanical Society trips until transportation facilities improve. I am afraid your choice of a year for your census was unlucky; and, this year, at least over in this end of the State, has been anywhere from ten days to two weeks late up till rather recently. Within the last week or so they have been gaining.

Did I write you that last summer I turned up a fine large station of Ruellia strepens about a mile north of Riverview, northern Washington County ? This adds another species to the tongue of distribution that enters the State for forty miles or so at the southwestern corner, including Trillium nivale, Camassia, Polymnia (two species), etc. It is interesting that this checks almost exactly with Reed's delimitation (Atlas Am.Agr.) of the area entering from the southwest and having in 4/5ths of the years a growing period between 130 and 140 days. When I get down where the Ruellia and Camassia occur I feel as though I were way down in southern Ohio, with woods consisting of a large percentage of Red Elm, Honey Locust, Hackberry, and Ash. Last year these woods were literally carpeted with Phacelia Purshii, but this year the same areas were just as literally carpeted with Hydrophyllum appendiculatum - a very striking change. We are planning to see what happens there next year.

We have gotten a number of new cases in our Herbarium Room and have been expanding and incorporating the recently mounted collections. This all is making quite a change in the room.

With best regards, I am

Yours sincerely,



July 6, 1943,

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

I hope you will forgive my delay in acknowledging your kind letter of some weeks ago as well as the plant blooming logs which you so generously had filled in and returned. I agree with you that this was a most unfortunate year in which to promote a project of this sort but the State Academy of Sciences was eager to inaugurate this program of research and I was naturally only too eager to see it get started on a state-wide basis as soon as possible. I hope you continue it in succeeding years and trust that eventually we may be in possession of some interesting data which may serve as a basis for some general conclusions concerning the seasonal relationships through the State.

I was delighted to learn of your recent finds in the southwestern corner of the State and hope that you will be able to supply us with duplicates of your *Ruellia* and other specialities. I continue to hope that the time is not far distant when I may get back to more active work on the Flora, but in the meantime the war has the right of way and I must devote myself to matters of more pressing concern.

With warm personal regards, I am

Sincerely yours,

Associate Professor of Botany.

from Fogg

July 9, 1943.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

This is to announce that there are going forward to you by express collect two cartons containing 397 herbarium specimens. This is continuation of the material which we have mounted for you and which has been recorded for the State Flora.

Thanking you for your continued kindnesses,  
I am

Sincerely yours,

Associate Professor of Botany.

8/3/1943

Dear Dr. Fogg :

The specimens arrived safely and Dr. Henry has already distributed some of them.

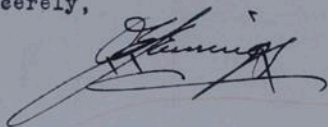
In checking an un-named Glyceria the other day I ran across three specimens labelled Glyceria pallida but which are Poa alsodes. These bear the stamp which indicates that they have been recorded for your catalog. They were some of the specimens mounted by your W.P.A. workers, and labelled in pencil on the sheet above the Museum label. Since you may wish now to make correction on your maps I enclose the data.

Field-trips this summer have been short and sweet and few and far between, and by railroad. However, I got one thrill. On a dry rocky valley slope about three miles n.w. of Oakdale, Allegheny County, I was directed to a station of Opuntia vulgæis - hundreds of plants - on the steep partly grassy slope and to some extent in a thicket, and also down on an exposure of bare rock at the base of the slope.

So far as we can secure information from the residents of the region, and from the general appearance of the place, I am inclined to believe this is a native station. If so, it is the most westerly station I know. There is a station in Grant County, W.Va., (Greenland Gap) about one hundred miles southeast of here. I could hardly believe my eyes when I saw them.

Best regards,

Yours sincerely,



O. E. JENNINGS  
CURATOR OF BOTANY AND  
DIRECTOR OF EDUCATION  
CARNEGIE MUSEUM  
PITTSBURGH, PENNSYLVANIA

*I must be  
suffering from the heat!*

September 9, 1943.

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

Many thanks for your letter of several weeks ago which I have been very slow in answering. I am glad that you caught the errors in the case of Poa alsodes. Some of the grass material was gone over by Mr. Richard W. Pohl, a graduate student of mine who was working on the Gramineae, and I had already made a note to recheck the Glyceria and Poa folders. As soon as I am able to find some leisure time I want to ask for the loan of your regular series of grasses, which, you recall, have never been examined here. I now feel competent to deal with practically all of the genera except Panicum. Pohl, at the time that he entered the Service, was making a special study of Panicum in Pennsylvania and I sincerely hope that he will be able to return to resume this work so that we may incorporate it into the Flora.

My summer collecting has been exactly nil and I have sadly reached the conclusion that active resumption of the work on the State Flora will simply have to be postponed until the end of the war. Meanwhile, however, we are carefully rechecking identifications and geographic localities and feel that the time is not being entirely wasted.

Your finding of *Opuntia* is a matter of real interest and I hope that you felt equal to the preparation of herbarium specimens and that we may in due time receive a duplicate. Dr. Wherry will be particularly interested in this since he has made something of a study of this genus in the Middle Atlantic States.

With warm personal regards, I am

Sincerely yours,

Associate Professor of Botany.

October 27, 1945

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Penna.

Dear Dr. Jennings:

Perhaps you will be interested to learn that now that conditions are somewhat improved here, I am finding it possible again to turn my attention to work on the State Flora. I am still badly handicapped through lack of adequate herbarium assistance but am glad to say that things are beginning to move again and that this project, which has lain nearly dormant throughout the period of the war, is getting once more under way.

As material evidence of my renewed activity, I am having sent to you within a day or so one of our packing boxes containing 429 duplicates of Pennsylvania plants, which I hope you will accept as a token exchange for the many duplicates which we have received through your kindness. This particular collection comes from the herbarium of Witmer Stone, which we received some years ago, and represents the first set of his Pennsylvania duplicates.

I have several pigeonholes of Carnegie specimens which have now been studied and recorded and which I will return to you in the near future so that they may be distributed in your herbarium. These are mostly sheets which we mounted for you under our former arrangement. Another series includes sheets from your own herbarium which we held here for study and which are now ready to be returned.

I have back with me as a graduate student Mr. Richard W. Pohl, who is working on the Grasses of the State as his doctoral dissertation. He had started working with me before the war, and following his discharge from the Service spent a year and a half in Texas where he made a special study of Grasses. He is particularly interested at present in Panicum and since I never called for that genus from your collections, I am wondering whether you could send it on to me now so that your sheets may be studied and annotated by Mr. Pohl. I should be grateful also if you would include again your material of Thaspium and Zizia. We have worked out a new treatment of these two genera which I am sure will result in re-determination of some of the sheets which we saw originally.

October 27, 1945

You may be interested in knowing that I have secured the cooperation of Dr. Herbert A. Wahl, of Penn State, on certain groups. Wahl, as you know, has done a good job on Carex and is now keenly interested in Crataegus. He has all of our Crataegus material from the State, and this includes a large number of your sheets which we mounted but never named. He is working closely with Dr. Palmer whom I consider to be about the best man on Crataegus in this part of the country, and I am delighted to realize that this troublesome group seems to be responding to treatment. I believe that the species are going to fall into several rather broad groups and that we shall be able to adopt a conservative policy which will be a departure from Sargent's method of treating nearly every individual tree as a distinct species.

I was in Pittsburgh on Wednesday of this week on the occasion of the inauguration of President Anderson of the Pennsylvania College for Women, but my time was so limited that I was unable to stop in and see you. I shall hope for better luck next time.

With very best wishes, I am

Sincerely yours,

John M. Fogg, Jr.,  
Professor of Botany

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR Emeritus

November 2, 1945

Dr. John M. Fogg, Jr.  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Dr. Fogg:

I am glad to know that you have been able to get back to the work on the Pennsylvania flora and will be glad to see those specimens which you have worked over and I am also sending you the Panicum, also the Thaspium and Zizia. I rather imagine that somebody else has found these latter two genera pretty tricky. They need straightening out.

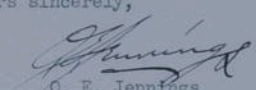
I wonder if Dr. Wahl wants to see Hawthornes. We have a pretty good sized mess of them which were collected partly in company with Professor Sargent when he was so active on that group of plants. I think I shall write Dr. Wahl about it.

I am sorry that I did not get to see you when you were in Pittsburgh at the Pennsylvania College inauguration. I hope you will plan on a little longer stay next time.

We are always glad to accept duplicates, such as those which you are sending us. They will help to add to our representation from the eastern part of the state.

With very best regards, I am

Yours sincerely,

  
O. E. Jennings  
Curator of Botany and  
Acting Director

July 10, 1946

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

I thought you might be interested to learn that work has actively been resumed on the State Flora. I have been fortunate in securing the services of Dr. H. A. Wahl of Penn State, who has taken a year's leave of absence to come here and work with me on many of the groups which are still awaiting study. He is making a complete recheck of all of the groups previously studied and is tackling such difficult groups as Crataegus and Rubus with great energy and real understanding.

In going through the material of Sparganium, Wahl called my attention to one of your sheets collected by J. A. Shafer from Allegheny County in 1900. The label bears the locality "Natrone & Tarentum Island." This is a very interesting specimen which, while it is not in fruit, bears a close resemblance to S. fluctuans, a species which we have never had from the western portion of the State. I am wondering whether you know anything about this locality and whether it might be possible for you, or someone, to visit it in an effort to locate fruiting material. We hate to report a range extension based on immature material and would like very much to know whether you have any positive knowledge of the occurrence of this species in southwestern Pennsylvania.

I trust that you are in excellent health and that the current season is going to enable you to carry on field work in the western counties.

With warm regards and best wishes, I am

Sincerely yours,

John M. Fogg, Jr.,  
Professor of Botany.

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR Emeritus  
O. E. Jennings  
Acting Director

July 12, 1946

Dr. John M. Fogg, Jr.  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Dr. Fogg:

I am very much interested to learn that work has been resumed on the State Flora, and it will certainly be a great relief to have someone working up the hawthornes and brambles. As to the Sparganium, we shall look this up. I know the situation very well, but there has been a great deal of dredging for river sand about the place, and I am rather doubtful if the outer edges of the island will be suitable any more for the Sparganium.

I do not know whether I ever discussed with you the work which we have been doing at this end of the State for the last couple of years. Ever since I began collecting in Pennsylvania in 1904, we had in mind a local flora. About three years ago, Dr. Avinoff, the Director of the Carnegie Museum, conceived the idea of colored plates of a representative collection of flowers from this end of the State. He made water color drawings of about 280 species before he retired, and during this time, I have been busy on the preparation of the manuscript. This will be financed from the outside, and one of the stipulations is that it include the areas centering about Pittsburgh within a radius of something over a hundred miles. This will carry us over into eastern Ohio and northern West Virginia. I am fairly well familiar with the situation in Ohio. In fact, I had charge of the State Herbarium for about a year and a half before I left Ohio State, but the West Virginia situation is going to require considerable work.

As you and Dr. Wherry know, the material in the herbarium was certainly in need of revision and critical study, and we have been at work these last two years on much of the material that had not been worked over at your place or which had not been critically revised by Dr. Wherry in some of his visits. We have also added considerable material to the herbarium, both of our own collections and the herbarium of Mr. Bright which consisted of about 20,000 specimens, probably half of which were from Pennsylvania.

I have prepared a county map of the area involved in a radius of about 100 to 125 miles of Pittsburgh, and I am checking off the distribution on that map. Now that the map is to have eastern Ohio and northern West Virginia, the limits of distribution of many of the species of southwestern Pennsylvania become much more interesting. Dr. Transeau's Prairie Peninsula, or something like that, certainly is very evident, and there will be quite a number of species whose boundary from the southwest will form a

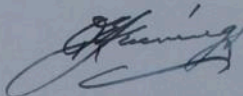
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lobe extending into the southwest end of the State. Conversely, many others will find their western limit along the line cutting off a few counties of northeastern Ohio, swinging around into southwestern Pennsylvania, and then off to the southwest. I have been surprised since following this matter up to see how many of the species conform in general to this line of distribution.

I hope you will be able to drop over this way sometime during the summer. I do not expect to be away for any extended vacation.

With very best regards, I am

Yours sincerely,



October 30, 1946

Dr. O. E. Jennings,  
The Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

As you know, the work on the State Flora is again progressing - thanks largely to the help of Dr. Wahl, who has taken a year off in order to help with many of the critical problems. We have been going over all of the groups previously studied, as well as a few which had been by-passed, and I am now writing to ask whether we may borrow again your material of the species listed below. New light has been thrown upon some of these problems as a result of recent publication, and Wahl, who did his doctoral dissertation on Carex, has some special knowledge to bring to bear upon certain of the sections that he studied earlier. Doubtless, as the work continues, we shall wish to examine still other groups and I hope that I am not imposing too greatly upon your time and energy in asking that they be sent on as occasion demands.

*Vallisneria americana*

*Carex* Bushii

caroliniana  
hirsutella  
complanata  
granularis  
Shriveri (*granularis* var. *Haleana*)  
lupuliformis  
aggregata  
amphibola  
flava  
cryptolepis

*Dioscorea*

With best wishes and warm regards, I am

Sincerely yours,

John M. Fogg, Jr.,  
Professor of Botany.

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH, PENNSYLVANIA, U. S. A.

A. AVINOFF  
DIRECTOR Emeritus  
O. E. Jennings  
Director

November 6, 1946

Dr. John M. Fogg, Vice Provost  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Dr. Fogg:

I have asked Dr. Henry to send you the specimens you requested. I have thought for sometime there was something the matter with the Vallisneria of our region, but never got down to serious work on it.

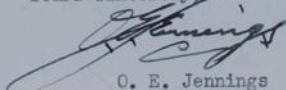
In my work on the flora of the upper Ohio Basin, I am having quite a bit of difficulty in getting records on the distribution of the various species to the south and southwest of us. Quite a number of species have been found almost up to the southwest boundary of Pennsylvania in West Virginia, and some of these days I think we shall be able to list some of them from our state. Also, the flora of southwestern Ohio, I find is not too well known so that it looks as though I shall have to be rather vague in anything that I say as to the distribution of species to the south and southwest of Pittsburgh.

Did I write you that we have discovered a small cranberry glade at Markleysburg on top of Laurelhill Mountain in Fayette County. It has an abundance of Solidago uliginosa with plenty of Aster radula about the region as well as considerable Sphagnum and other common accompaniments. I have made two trips to southern Fayette County trying to collect Clethra acuminata which has been reported in the neighborhood of Ellictsville, but without success. So the only record we have is the West Virginia note regarding it.

If you happen over this way, be sure to give us a call.

With best regards,

Yours sincerely,



O. E. Jennings

1 mi. e.

7 mi. e. Uniontown

November 11, 1946

Dr. O. E. Jennings, Director,  
The Carnegie Museum,  
Pittsburgh, Pennsylvania.

Dear Dr. Jennings:

Many thanks for your kindness in sending on the specimens which I requested. These will be gone over at once and unless something unforeseen arises, will be returned to you promptly. There will also be sent back to you from time to time specimens of other groups which we have held here for several years but which have now been identified and recorded. You have been very patient with us and I hope that within another year we will have returned all of your material to you.

I am sorry that you did not succeed in finding the station for Clethra acuminata and wish that I could have the pleasure of attempting to take you to it. It grows in a rather restricted locality along Ten Mile Branch just about one mile east of Ellitsville. Although I spent a number of hours in the vicinity hoping to find other species of a more southerly distribution, the Clethra proved to be the only thing there of outstanding interest. I collected a number of duplicates of it and should be glad to send one on to you if you wish. Indeed, there is probably a sheet in a series which I have gradually been assembling to send to Carnegie.

Your Markleysburg locality sounds very interesting and reminds me somewhat of a spot which I visited some miles east of Uniontown, also in Fayette County, where in the sphagnous hollows between the upturned sandstone strata I found such predominately coastal plain species as Andropogon glomeratus, Rynchospora cymosa, Scleria triglomerata, Xyris torta, and Polygala cruciata. I suspect that there is plenty of fun still to be had in Fayette County and wish that I could get into the field there with you.

With best wishes and warm regards, I am

Sincerely yours,

John M. Fogg, Jr.,  
Professor of Botany.

From Fogg

September 23, 1947

Dr. O. E. Jennings,  
Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

One of my graduate students, Mr. Edwin T. Moul, has been working on Mosses for a number of years and has now decided that for his doctoral dissertation he wants to write on the Mosses of Pennsylvania. He has done a considerable amount of field work in the eastern and central counties but has intentionally kept out of the counties which lie in the western third of the State. In so doing it was his feeling that this section of the State lay within your bailiwick and he has naturally hesitated to encroach upon a field in which you have done such intensive collecting and concerning which you may wish to publish.

The question which therefore arises is analogous to the one which faced us some years ago when we embarked upon our survey of the higher plants of the State and I am writing to ascertain just what plans you may have for utilizing the rich moss collections of your own institution. Mr. Moul is a very cautious student - one who has a due regard for the niceties of classification as well as for lines of work laid down by other students. If you are not contemplating a publication dealing with the Mosses of part or all of the State, I should be inclined to encourage Moul to collect in your area next season. Neither he nor I, however, wish to interfere with any designs which you may have developed and I should be glad to learn from you just what your plans are so that he may be guided accordingly.

I am happy to state that during the last academic year when Dr. Wahl was with us, considerable progress was made on the State Flora and that plans have been made to bring him back from Penn State for two subsequent terms so that this work may be carried forward toward completion.

With best wishes, I am

Sincerely yours,

Professor of Botany.

from Jennings

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH 13, PENNSYLVANIA, U. S. A.

O. E. JENNINGS  
DIRECTOR

September 25, 1947

Dr. John M. Fogg, Jr.  
University of Pennsylvania  
Philadelphia 4, Pa.

Dear Dr. Fogg:

Your letter about Mr. Moul is very interesting. In 1913 I published my "Manual of the Mosses of Western Pennsylvania" and since this has been out-of-print for quite a number of years, I had prepared a second, revised and enlarged edition. It was ready about the time the recent war began so I temporarily abandoned the idea of having it published. Three or four weeks ago, I took up the matter of publication with the Carnegie Institute of Technology Press, but I have not gone very far with the matter with them. I had some thought of publishing it myself as I did the first edition.

This covered the western half of Pennsylvania and I made drawings of all of the mosses which I could lay my hands on from this part of the state. Descriptions were included of some species previously reported but with no specimens available and also of species reported from adjoining regions which might be expected to possibly occur in our part of the state. Many of my figures were reproduced in Dr. Grout's "Moss Flora of North America." One thing that helped make the book out-of-print was the fact that Dr. Nichols used it as a text in his class in the Michigan summer school at Douglas Lake.

If Mr. Moul wishes to prepare a dissertation on the mosses of Pennsylvania, I would be very glad to have him consult our herbarium as much as he wishes. He would find quite a number of species in the limestone areas of central Pennsylvania and on some of the other geological formations in your end of the state that we have not been able to find over here. The moss flora of the eastern end of the state is more extensive than ours. Since Philadelphia is so far down in the southeastern corner of Pennsylvania, if I might suggest it, I would like to see a work on the general region centering about Philadelphia. You probably have either at Penn or in the Academy considerable collections of mosses from New Jersey, Delaware and eastern Maryland. Since the days of Austin and some of his collaborators, not much has been done bryologically in that area. In one brief field trip, I was very much interested in the moss flora in some of the swamps down below Philadelphia on the Eastern Shore. I do not know of anyone who might be working or intending to work on the mosses of the tri-state area, and considerable emphasis has been expressed by different writers in the "Bryologist" as to the ~~distribution~~ <sup>distribution</sup> of local bryological floras.

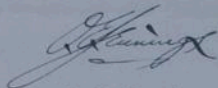
*Bertram has been working mostly further field within a radius of say 200 miles west, and including N. Va., Wash. D. C., southern part, Del., + e. Md. Such a local flora would fill a gap.*

- 2 -

In my revised edition I am not enumerating many of the citations as to collectors and localities which have accumulated in our herbarium. If Mr. Moul does wish to include a complete list in his dissertation, he will find some of the species abundantly reported in our collections from this part of the state. We shall be very glad to have him use these collections if he wishes.

With very best regards, I am,

Yours sincerely,

A handwritten signature in cursive script, appearing to read "O. E. Jennings". The signature is written in dark ink and is positioned above the typed name.

O. E. Jennings  
Director

315 pages + 54 page-plates,

Manual of the Mosses of Western Pennsylvania  
and Adjacent Regions  
Second, Revised, and Enlarged Edition

The first edition was published in 1913 and has now been out of print since about 1925.

The manuscript has been thoroughly revised to bring the nomenclature up to date and many descriptions have been added. Seventeen species of mosses have been discovered in western Pennsylvania since 1913, and 11 plates of drawings (300 figures) have been added. The revised edition thus contains keys and descriptions of the 233 kinds of mosses now known to occur in western Pennsylvania, all of which are illustrated in the 65 full-page plates. The 65 plates contain 3,010 separate figures, all from original drawings by the author and based on specimens actually collected in western Pennsylvania. For some of the species these are the only illustrations extant.

To make the manual more widely useful, there have been included in the keys and descriptions 104 other species of mosses which have been reported either in western Pennsylvania, and for which no specimens are available, or else species which have been reported in adjacent regions. Counting these inclusions, the revised manual covers 337 species and varieties of mosses of which 233 are fully illustrated.

--- O. E. Jennings

soil  
sporulation

from Fegg

December 11, 1947

Dr. O. E. Jennings, Director,  
Carnegie Museum,  
Pittsburgh 13, Pa.

Dear Dr. Jennings:

I hope you will forgive my very long delay in replying to your kind letter of September 25. I have discussed its contents a number of times with my graduate student, Mr. Moul, and we have only now agreed on a course of action which I think it might be desirable for him to follow.

First, let me say that I am delighted to learn that the second edition of your Manual is not only on the slips but is about to be launched in the near future. I certainly had no idea when I wrote that you had made such splendid progress and I am more pleased than I can tell you to learn that your valuable studies will be brought up to date and made available to present-day students.

With respect to Mr. Moul's work on the Mosses of the State, I feel that he has already spent so much time in the field on this project that it would be unfortunate to divert him into a new area. He is far older than the average graduate student and I feel that it is imperative that he should secure his degree within the next year and a half if he is ever to get anywhere in university work. He had originally hoped that he might complete his dissertation by next June. I have, however, persuaded him to devote an extra year to his project. This will give him additional time to carry on field work in some of the counties which he has not visited or has only touched upon in a superficial manner.

The nature of Moul's work is such that I feel it would not conflict in any serious way with your Manual. He is making a rather exhaustive study of ecological conditions with respect to Bryophytes and is collecting data on such matters as soil acidity, soil moisture, and so on. I believe, therefore, it might be better for him to continue with this rather detailed kind of work, although his observations will perhaps not be as far-reaching on the distributional side as might be the case if he attempted to incorporate

December 11, 1947

records from all existing collections, such as those at the Carnegie Museum. He intends to visit the western portion of the State this spring and I have suggested that he try to make an appointment with you so that he may stop in some time and discuss with you the details of his work.

I am indeed grateful to you for the kind consideration which you have given to this matter and trust you will have no reason to disapprove of the procedure which I have here outlined.

Wishing you the best of success as well as a pleasant holiday season, I remain

Sincerely yours,

John M. Foss, Jr.,  
Professor of Botany.

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH 13, PENNSYLVANIA, U. S. A.

O. E. JENNINGS  
DIRECTOR

December 18, 1947

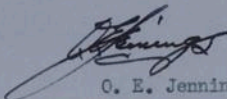
Dr. John M. Fogg, Jr.,  
University of Pennsylvania  
Philadelphia 4, Pennsylvania

Dear Dr. Fogg:

I was glad to hear from you again, and I repeat that I shall be pleased to cooperate in any way I can with Mr. Moul's work. There is a great deal to be done on the ecology of mosses and other lower plants, and if he can contribute something along these lines, he will be doing something worthwhile. If he is able to get over in this part of the State, I hope he will look me up.

With very best regards to you, I am

Yours sincerely,



O. E. Jennings

from Fogg

February 27, 1948

Dr. O. E. Jennings, Director,  
The Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Herbert Wahl of Penn State is here again this term helping me with the Flora and has plunged intrepidly into Aster, Solidago, Eupatorium and Helianthus, primarily because there was such a large accumulation of unnamed material in these genera. You will recall that in the course of our routine borrowing of material from your Herbarium, we never got as far as the Compositae, and I am writing now to inquire whether you would be good enough to let us have your representation of these four genera so that Wahl may study them in connection with our own series. We did, of course, name a great many sheets of these and other genera at the time that we were mounting your collections, but we have yet to examine the older material which was already mounted and distributed in your Herbarium. Miss Earle tells me that according to her record, three of the shipping cases are at your end and I should be very grateful if you would send us the groups which I have mentioned above.

With best wishes, I am

Sincerely yours,

Professor of Botany.

127022

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH 13, PENNSYLVANIA, U. S. A.

O. E. JENNINGS  
DIRECTOR

March 3, 1948

Dr. John M. Fogg, Jr.,  
University of Pennsylvania  
Philadelphia 4, Pennsylvania

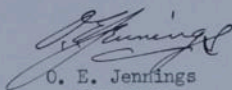
Dear Dr. Fogg:

I am glad to know that Wahl is with you again,  
and I wish him all success in his work with the Compositae.  
Dr. Henry will be sending you some of these in the near future.

I have just seen the new book on wild flowers  
by Dr. Wherry, and it is going to give the Putnam Fieldbook  
a good deal of competition. I think he has done a very fine  
piece of work.

With very best regards, I am

Yours sincerely,

  
O. E. Jennings  
Director

March 29, 1948

Dr. O. E. Jennings,  
The Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Within a few days there will be returned to you the first shipment of *Asters* which you so kindly sent on for our examination. This shipment will also include your series of *Paronychia*, which we appreciate having had an opportunity to study again.

Concerning one sheet of *Paronychia fastigiata* I wonder whether you can give us a little further information. The sheet was collected by B. H. Patterson on August 22, 1877. It contains two specimens, one of which is typical *P. fastigiata*, while the other is the rather rare variety *Nuttallii*. It looks to me as though the handwriting on the label were yours, and if so, you have made the statement that the collection was made in "Bedford County, E. of Stoyestown," followed by your initials. Stoyestown, of course, is in Somerset County and is probably twelve or fifteen miles from the Bedford County line. I am not suggesting that you were with Patterson in 1877 when he collected these specimens but am wondering whether you know enough about his collecting localities to be able to give us a more definite allocation of this number so that it might be possible to indicate it by a dot on the map. Would you, therefore, be good enough to look at this sheet when the specimens come back to you and if there is any light which you can shed on this problem let me know. Otherwise we shall have to ignore this collection, I am afraid, which is unfortunate since there are so few collections of variety *Nuttallii* known from the state.

With best wishes and warm personal regards, I am

Sincerely yours,

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH 13, PENNSYLVANIA, U. S. A.

O. E. JENNINGS  
DIRECTOR

May 22, 1948

Dr. John M. Fogg, Jr.  
University of Pennsylvania  
Philadelphia 4, Pennsylvania

Dear Dr. Fogg:

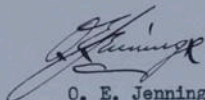
I happened the other day to look over the material which you had returned sometime ago and saw the set which you had written about. This Paronychia nuttallii which Mr. Patterson had collected in 1877 must have been found, as I indicated, on the label, somewhere over in "Bedford County, east of Stoyestown." I notice on the label I had enclosed in brackets a notation to the effect that it was "Collected in Bedford County, E. of Stoyestown." I am pretty sure I would not have written this in the way I had unless Patterson had so labeled it. I think what happened was that ~~he~~ had scribbled this information on the old newspaper in which the specimens came to us. The paper was oftentimes very old and brittle and the pencil notations almost illegible. So I do not suppose there is any way of ascertaining just where that specimen came from.

Dr. Henry and I, last Wednesday, guided Stanley Cain and Dr. Pierre Dansereau from Chestnut Ridge to Ohioyle, collecting a number of sets of the stem<sup>20</sup> yellow violets upon which they are working. From the character of the material we secured I think they have selected a good problem.

I had the pleasure of sitting next to Mrs. Platt at the banquet of the Garden Club of America last week and found that she was a very appreciative acquaintance of yours.

With very best regards, I am

Yours sincerely,



O. E. Jennings  
Director

from Fogg

May 26, 1948

Dr. O. E. Jennings, Director,  
The Carnegie Museum,  
Pittsburgh 13, Pa.

Dear Dr. Jennings:

Thank you very much for your letter of May 22nd with its information about Paronychia Nuttallii. We had pretty well come to the same conclusion ourselves but are glad to have your confirmation of the situation.

Your trip with Stanley Cain and Dr. Dansereau sounds very interesting and I wish I could have been along. Cain was here a month or so ago and gave us a seminar talk on his work with the yellow stemmed violets. I thought that his ideas concerning relationship and distribution were very sound and wish that all groups of plants could be subjected to the same careful study and analysis.

Dr. Wahl has called my attention to the fact that in sending to us the various groups of Composites which I requested some time ago, you had apparently included only those sheets which we had not already annotated. In other words, there seems to be a residue of older material from your herbarium which you did not send. Because of the fact that Wahl has made a number of interesting discoveries and has effected a reinterpretation of several earlier categories, I think that it would be to your advantage, as well as ours, eventually to see all of your material. I should not suggest sending it at present, however, for Wahl must return to Penn State for their summer session and will not be here again until the middle of September. At that time I shall probably write to you again raising the question as to whether you might let us have your entire series in these and other groups which we desire to re-examine.

We are blocking out the general framework of the Flora and hope before long to begin the actual writing of some of the chapters. There still is need for a good deal more field work and I should think that possibly two more seasons in the field, although it would not see the job completed, would take us far enough along that we should be in a position to start putting the work into final form. We shall leave the photographing of the maps to the very end so that almost up to the time that page proof is being prepared it will be possible to add dots to the maps and have them as well filled in as

from Fogg

Dr. O. E. Jennings

- 2 -

May 26, 1948

possible before the volume is finally placed in the printer's hands.

I had already learned from Mrs. Platt that she had the pleasure of your company at dinner recently. She is a charming lady and I rejoice in the fact that our common duties as members of the Executive Council of the Pennsylvania Horticultural Society permit me to see her at rather frequent intervals.

With warmest regards, I am

Sincerely yours,

Professor of Botany.

January 26, 1949

Dr. O. E. Jennings,  
The Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

A recent communication from Dr. Muenscher of Cornell, in response to a query of mine, elicits the information that the European flowering rush, Butomus umbellatus, has turned up on the shores of Lake Erie in Pennsylvania. Dr. Muenscher informs me that this station was first located by Dr. Wity of the University of Pittsburgh. Since Dr. Wity is unknown to me and since I am unable to locate his name in any of my directories, I am wondering whether you would be good enough to communicate to him my very great interest in the occurrence of this species in Pennsylvania, together with a request that if possible he supply us with a duplicate for our herbarium.

I have long been interested in the distribution of Butomus in North America, having seen it in the St. Lawrence Valley as well as in Lake Champlain. I had heard earlier that it made its appearance on the north shore of Lake Erie and the present indication of its occurrence within the limits of the State is, of course, a matter of very great interest in connection with our State Flora work. I shall therefore be very grateful to you for any effort you can make in our behalf.

With best wishes and warm regards, I am

Sincerely yours,

Professor of Botany

CARNEGIE MUSEUM  
DEPARTMENT OF  
THE CARNEGIE INSTITUTE  
PITTSBURGH 13, PENNSYLVANIA, U.S.A.

1/27/1949

Dear Dr. Fogg :

(1946)

Yes -- Butomus turned up at Presque Isle a few years ago, when it was found by Dr. Warren R. Witz, Assoc. Prof. Biology at Pitt. Dr. Witz taught botany and ecology at the Presque Isle Lab., for several years. Earlier ~~earlier~~ 7/22/41, Miss Mildred C. Wright, one of his students, found it th mouth of Elk Creek, a few miles west of Erie.

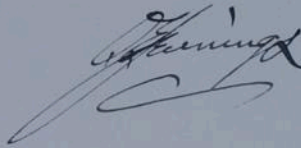
Dr. Witz told me recently that the Presque Isle station seems to have been destroyed but that there is quite a lot of it at the Elk Creek station where the neighboring women collect it for bouquets !!

We have three sheets of the Elk Creek plants and will send you one.

Well - At last, at 71 years young, I am officially retired with the title of Director Emeritus, and am settled down in a little office at one end of the Herbarium Room where I can really get back to my botany. Am revising and enlarging my moss manual and also working on the flora of West. Penn. It is really a relief to be relieved of the routine duties of the directorship.

Best regards,

Lee L. K. Henry



5 1949

July 31, 1950

Dr. O. E. Jennings,  
The Carnegie Museum,  
Pittsburgh, Pa.

Dear Dr. Jennings:

Since the appearance of the long awaited Eighth Edition of Gray's Manual I have written to Professor Fernald about a number of species which we know to occur in Pennsylvania but are not so designated in the Manual. He seems to be particularly interested in Thuja occidentalis and has written to me requesting further information concerning its occurrence in southeastern Pennsylvania. We have, of course, seen and recorded the two sheets in the Carnegie Museum from Westmoreland and Somerset and I am wondering whether you can provide me with real assurance that they are native occurrences and not introductions.

Furthermore, in talking to Dr. Wherry about this recently, he quoted you as saying that Thuja is now known from the Pynatuning area. If the species is known as a native there, we should like very much to have a specimen in order that it can be added to the record sheet and map.

I have been very busy this year in the northern tier of counties, especially McKean and Warren, and have been adding many localities to our records from that little known section of the State. I hope to get back for a week's collecting the middle of August and again for another stab in the fall, after which we shall have a far better idea of distributions in that area.

With best wishes and warm regards, I am

Sincerely yours,

Professor of Botany

August 3, 1950

Dear Dr. Fogg :

I can't make myself believe that the specimens of Thuja occidentalis from southwestern Pennsylvania are really native. The ones I collected might well have been planted either by State foresters or private individuals, although they were really in fairly well wooded territory. I would mark them with a very big question mark. I am very familiar with its haunts farther north and the southwestern part of the state is not that kind of a habitat. About the same should be said for the other specimen in our herbarium. I am not recording them as native.

As to the Pymatuning report, I am not so definite. Lawrence Hicks worked out his Ph.D. thesis on "The Original Forest Vegetation and the Vascular Flora of Northeastern Ohio -- Ashtabula County." This was done under the direction of Transeau, and the degree granted in 1933.

In my project, including the area within a radius of about 125 miles from Pittsburgh, I was anxious to obtain or get the loan of a copy of the thesis. Letters to Hicks were without result. Ohio State University Library didn't want to lend their copy, but I finally got a micro-film of it. Regarding Thuja occidentalis Hicks says: "Not now found in the county [Ashtabula] (except trees commonly planted for hedges) but occurs in the Pennsylvania portion of the Pymatuning Swamp. Numerous dead stubs of this tree were identified from peaty deposits on the Ohio Side in eastern Andover township."

Unfortunately that part of Pymatuning was cleared and rather deeply submerged, so our chances of verifying Hicks' report are gone, but I have been in the Padan Creek and Padanaram districts a few times and have found nothing further.

I was recently interested in the interesting Hypericum densiflorum takes over some of the "glade" areas in southern Fayette county and upon checking again our shrubby specimens I was surprised to find also specimens of what I take to be H. sphaerocarpum collected below Glenshaw [Allegheny Co.] by E.H. Patterson, 7-24-1918; also H. Kalmianum collected by J.A. Shafer at Ohioyle, 10-20-1901. We got what I take to be H. densiflorum in the "glade" on the top of Laurelhill Mt., at Laurel Summit, Westmoreland Co., last summer.

I am afraid my Gentiana Saponaria var. allegheniensis will have to be called G. cherokeensis, according to descriptions. You may not have it record, but Pyrularia is abundant in the woods north of Darlington, Westmoreland Co.; and Cimicifuga americana in a ravine at Reels Corners, Westmoreland Co.

Best regards. I shall be much interested in your McKean-Warren county records. Sincerely,

from Fagg

April 18, 1951

Dr. O. E. Jennings,  
Director Emeritus,  
Carnegie Museum,  
Pittsburgh 13, Pa.

Dear Dr. Jennings:

Thank you very much for your kind letter of April 13th with its estimate of the qualifications of Dr. Hugh Mozingo. I have written to Dr. Mozingo telling him that there is almost no likelihood of making any additions to our staff at this time but that, on the contrary, we are having to reduce the size of our group in view of anticipated loss of enrollment. It may well be, of course, that by the time the Fall Term rolls around the entire national picture will have changed and we may be in the market for a good man or two. In that case, I shall indeed be happy to have his credentials on hand.

I am keenly interested in learning something of the details of your present work and am glad to see the sample record cards which you enclosed. You do not say whether you want these back but I should like to keep them for a little while longer, at least, since they throw considerable light upon some of our own problems. It is interesting, for example, to note the behavior of Trilium undulatum with respect to its distribution in Ohio and the fact that it seems to eschew the southwestern counties of Pennsylvania but to swing down through Indiana, Westmoreland and Fayette into West Virginia. Our own maps are now beginning to "fill out" in a very satisfactory manner, but I have been puzzled by the fact that despite our having seen your rich collections, so many things appear to be absent from Alleghany, Washington and Greene Counties. I had put this down in part to lack of collecting in the two southwestern counties in particular, but these maps of yours would seem to indicate a real absence or scarcity in that area.

As I think I told you, we got in some intensive work in McKean County last summer and we are planning to do the same for Warren this coming season. In fact, I am going up there late this month to have a look around and try to locate a convenient center from which to work. I really feel that this season ought to represent the terminal point of our intensive collecting and that we ought then to begin putting our manuscript together in earnest.

I am interested to hear of the existence of the Holland herbarium and you may depend upon me not to reveal the source of my

April 18, 1951

information. As a matter of fact, I think I shall do nothing about this for the time being. It is true that this collection may contain some new records, but both Northampton and Lehigh Counties are so well represented that we have practically stopped collecting in them. We have checked a number of recent collections which have been sent to us from around Allentown and Bethlehem and found that there is usually not one out of a hundred specimens which is actually needed for a new record. Nevertheless, I am glad to know of this material and it may be that at some future time either Dr. Wherry or I on a trip to Pittsburgh can ask to have a look at it and get some idea of its character.

With best wishes and warm regards, I am

Sincerely yours,

John M. Fogg, Jr.,  
Professor of Botany  
and Curator of the Herbarium

Dear Dr. Jennings:

I forwarded to you a few days ago a small lot of mounted duplicates which had accumulated since my last sending. I hope you can use them.

Will you kindly send us some more blank Pennsylvania labels? Miss Earle tells me that occasionally in the plants we are mounting for you there is a sheet without a label. If we had labels the data on the papers could be transferred to them here and the plants mounted.

I have been a little slow in getting your herbarium material looked over and returned to you. This is because I am trying to push things at Harrisburg. The W.P.A. man who sends me their material may not be there much longer, and I want to try to get over as much of that herbarium as I possibly can. Goodness knows what may become of it now that Gress is gone.

Sincerely yours,

John M. Fogg, Jr