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from Schramm

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I 46 b

Botanical Abstracts

BIBLIOGRAPHIC AND EDITORIAL OFFICES

NATIONAL RESEARCH COUNCIL
1701 MASSACHUSETTS AVENUE, WASHINGTON, D. C.

Vol 26 No 7 1920
Vol 27 1921
Vol 28 1922
Vol 29 1923

December 12, 1923

Mr. J. M. Fogg
Department of Botany
University of Pennsylvania
Philadelphia, Pennsylvania

My dear Fogg:

Not until today could I get around to writing you. I have had a busy time since getting back to Washington.

I am now much pleased to assign to you as collaborator the BULLETIN MUSEUM D'HISTOIRE NATURELLE, Paris. Unfortunately this publication has been cared for only through Number 6 of Volume 26, which leaves I believe about two volumes arrears in the abstracting. I do not know whether Number 6 completed Volume 26 or whether there are later numbers belonging to this volume. At any rate, the last number to be abstracted was Number 6 of Volume 26.

It is altogether unlikely that you could go back far enough to articulate with the previous collaborator. However, I shall be glad to have you go as far back as your time will permit. When next you write me, perhaps you can let me know how far back you think you can go without burdening yourself. Then I will try to make arrangements for the gap which will be left.

At the same time we are cancelling from your assignment the ANNALI DI BOTANICA as I promised this summer.

Also, I have very recently received the second part of Volume 5 of Webbia. I am sending this on to you as it will doubtless be a convenience to have a copy of your own for abstracting. Perhaps you may also find it of sufficient interest to keep in your library. Please do not bother to return it.

With respect to abstracts of taxonomic articles, I believe perhaps I did not previously write you of our general policy. You can readily understand that the current use of an abstracting journal is only a very limited part of its use. To a larger extent, perhaps, it is used as a reference organ and as such can be advantageously approached only through a subject index. This subject index is of course prepared wholly from the abstract, and it follows that what is not in the abstract cannot get into the index. This I believe makes plain the great necessity of entering in the abstracts all entities which are likely to be looked for by a searcher in the index. This makes it important that every species concerning which significant information is given should be entered

Separation residue of (Na_2SnO_3/n) treating with HNO_3

(1) $+ \Delta$ HCl ↓ $SnCl_4$ $SbCl_5$.

(2) fusion KOH

K_2SnO_3 – dis HCl

K_3SbO_3 not

(3) fuse $Na_2CO_3 + S$

$Na_2SnS_3 + HCl$ → SnS_2

Na_3SbS_4 → Sb_2S_5

Been sol.

Nagy's method

Acids: Tests should be reversible – fluorides etc.

1) Base analysis made first – eliminated if possible – prior to acid analysis, sulfates etc. can not be present.

2) Na_2CO_3 Δ alkali excess – removes insoluble all the metals (⊗ from gas and a acid) bringing them and as oxides, hydroxides, basic carbonates, insoluble carbonates

(3) filter – Na salts of acids

(4)

HCl

acetic acid

1½ 3 drops

* not

I

HCl + Ba salt

$BaSO_4$

$BaSiF_6$

oxalic acid

II

Ammonium carbonate (NH_4) + Ba salt

$Ba_3(PO_4)_2$

$Ba_3(AsO_4)_2$

$Ba_3(AsO_3)_2$

$Ba_3(SbO_4)_2$

*$BaCrO_4$

$Ba(BO_2)_2$

$BaSO_3$

Ba_2SiO_3

$BaCO_3$

$Ba_2C_2O_4$

$Ba_4H_4O_6$

← BaF_2

III

Ammonia tests

$HNO_3 + AgNO_3$

Hg_2Cl

Hg_2Br

* AgI

* $Hg_2Fe(CN)_6$

$(Hg_2)_3Fe(CN)_6$ insol

Hg_2CN

$Hg_2(CNS)$

HCl

H_2SO_4

+ NH_4OH * dissolve

$AgCl, Br(s)$ ppt

IV

HNO_3

CH_3COOH

$HClO_3$

H_2S → H_2 Pb acetate

SO_2 ← ammon. + s

Steam

$KClO_3$

$CO_2 \rightarrow Ca(OH)_2 \rightarrow CaCO_3$

NO_2 color – nitric

NO_2

HCN – smell or $HgNO_3$

sulfide = H_2S.

nitrite = HNO_2 – decomposes

Dernstein (Berg) by Tamann

Reaction, rocks formation

Quant. tests – see 7

Qual. tests – using the class

Qualitative

Commercial extract

Reassemblies

It would say what has

turned the rocks

Quinine

to lec 1 – Rotstein

Wiegand

Wiegand – the alliance

had from been quart

a lab. from de chose

du fient des

a tonic

12-XII-1923

in the abstract by full binomial. This applies, of course, to previously described species, and even more does it pertain to all new species, new varieties, genera, families, etc. Also the taxonomist is interested not only in the name but also the region from which described.

Similarly, in the case of new combinations and names, these should be given in full and also the name with authority which is reduced to synonymy. A new combination does not at once become generally recognized. Indeed it often never becomes recognized, and so many individuals looking for the organism under the old name if it be entered only under the new combination would never find it.

Of course, the same general considerations apply to articles in any field of science. What we have to do is to try to make our abstracts sufficiently explicit to serve as an account of current research but at the same time to furnish the necessary handles which can be located in the index and thus insure that searchers will find information extant on a particular subject be it an organism, geographical area, physiological process, organ structure, or what not.

Please remember me to your father and mother and brother. I hope we shall see you all again at Woods Hole next summer.

Sincerely yours,

J. R. Schramm

Vol	26	No 7	1920	Mastodon
"	27	" 1-7	1921	Submarine plants
"	28	" 1-7	1922	Orchides
"	29	" 1-4	1923	Eel

JRS:CTW

Corneille a peint des hommes tels qu'ils devraient être. (Ses

L'action de ses pièces est toujours ascendante. Elle s'aggrave d'acte en acte.

Corneille pense que le sujet d'une belle tragédie doit être extraordinaire. Grands sentiments animent ses caractères

Corneille ne nous donne jamais le peinture de l'amour ardente. Dans ses pièces l'amour n'est pas la passion gouvernante

from Schramm

Botanical Abstracts

BIBLIOGRAPHIC AND EDITORIAL OFFICES

NATIONAL RESEARCH COUNCIL
1701 MASSACHUSETTS AVENUE, WASHINGTON, D. C.
B & 21st Streets, NW

June 18, 1924

Mr. John M. Fogg, Jr.
Department of Botany
University of Pennsylvania
Philadelphia, Pennsylvania

My dear Fogg:

You have no doubt given me up as a bad job by this time for not replying to your letter of January 13. About that time of the year I was completely covered and I only now am digging through the accumulation. This is a pitiful comment on conditions. I hope that my dereliction will not discourage you too much to keep up with your fine work. First of all let me thank you for the splendid abstracts from the BULLETIN MUSEUM D'HISTOIRE NATURELLE. I assure you I appreciate this fine service, the more so since you are going so far back and closing up what is perhaps the most serious gap in our work in Taxonomy of Vascular Plants.

In your letter of January 31, you put up a very important and serious problem about which I have cogitated a great deal. The question arises in my mind whether the information given in the articles in WEBBIA is in the nature of compilation of published material or whether the authors here report new information. Somewhat the same problem arises in manuals which almost without exception give new distributional data and the like. However, I think I must say at the present time that large lists of that kind which involve no nomenclatorial changes it is difficult to print owing to shortage of space, though I still feel that ideally these should be mentioned in order that they may get into the index. As a compromise might I ask whether a good many of these species perhaps fall in the same genus? If this is the case, or perhaps even if it is not, it might be possible to list the genera in which species are mentioned with certain types of data and information. Not giving the specific name would in most cases reduce the space occupied by one half, even though each species belonged to a different genus. Then if there are several species in a good many of the genera, this would still further reduce the space occupied. I of course do not have the article before me but if this appeals to you as feasible I believe that it is the compromise that I would suggest.

It is a matter of much regret to us that we shall not be at Woods Hole. We had looked forward to seeing you again and to puttering around in our shack. We shall be in Europe but I expect to be back the first of September and may have a few days in Woods Hole in the early part of the month.

I can only repeat again that I hope you will not be too much discouraged by my seeming indifference to your questions. The demands on my time have grown so that for months I have practically had to drop BOTANICAL ABSTRACTS work except for routine editing which I have done chiefly at nights.

Kindly remember me to your father, mother, and brother. We shall miss them this summer.

Cordially yours,

J. R. Schramm

JRS:W

from Schramm

UNIVERSITY INTRAMURAL CORRESPONDENCE

TO Dr. John M. Fogg, Jr.

FROM Dr. J. R. Schramm

DATE April 17, 1942.

SUBJECT

Dear Dr. Fogg:

Now that supplies have been put away, I want to give you a memorandum so that you will know where they are. Practically the whole of the southernmost wall closet in the basement of Macfarlane Hall is given over to Herbarium supplies. Here are the mounting paper, the gummed Hollands (the three-inch rolls have now arrived and Frank is soon to make some of the automatic cutters which I believe they use at the University of Wisconsin); the two-yard wide rolls of gummed Hollands which Shoemaker is to call for and which therefore should not be broken; a small paper cutter which Miss Walton says is the only one that really works perfectly (the larger paper cutter is in the mounting room and I imagine will do for most purposes).

I mention these things because Schaeffer told me this morning that he and some of the others are planning to come in one evening a week to do mounting. I suppose you too are glad to see this spontaneous response at this time when we are not in a position to compensate outside mounting help.

As soon as you can manage to decide just what is to be filmed in the Flora records, we are ready to go ahead. One important matter, I imagine, is whether the maps should be filmed. These can, of course, be reconstructed from the County record cards. Furthermore, many of the records, especially all of those made by Miss Chappell, are only in the form of lead pencil dots and might not photograph adequately. If the spring offensive should splash over on to Philadelphia it would, I should think, be well to proceed as promptly as possible with the filming since we have definitely decided to do it.

Since your legal filing cabinet is already overloaded I have put the new set of transparent maps mounted on plastacele in the bottom drawer of the filing cabinet on the east wall of Miss Webb's office. Here also are the extra transparent maps. The plastacele mounted maps are, of course, for the new set of master maps when someone is available to get started on this job.

Finally, there are the two unbroken packages of County record cards, which are on the west shelves in Miss Webb's office.

Some of the fellows, including Pohl and, I suspect, Schaeffer and possibly others, seem to be keen on some collecting expeditions in the present season. I wonder whether you would have time to confer and perhaps get something pretty definitely planned on the

Calochortus
Asph. ayl
Pellaea glabella
"
Ranunctorum ?
Scolopendrium
Thuja
Fescue grass & sedge
Carex utricu
Quercus rubellenbergi
Xanthoxylum
Plus candidi
Eldhopteruum
Solidago rigida
aster alboniytel
Amelanchier Crataegi
Ferns com

Salix

I also nitida
[illegible]

17-IV-1942

docket. For trips which would, because of the number going, require the bus, the Arboretum would have to, of course, supply the driver. However, where the station wagon would do, which I imagine would be the case in most instances, it has occurred to me that there is always likely to be in each expedition at least one who is a reliable experienced driver. Such trips perhaps could be made without one of the Arboretum men going along. I speak of this because we are trrribly short-handed at the Arboretum and seem to be unable to get additional men of the right sort. I should think it would be a good plan to capitalize on the enthusiasm and steam of the young fellows around as long as they are with us.

Wheeler prepared a proposal as a form for the Flora with the idea of getting everybody's opinion and moving on toward a plan according to which group manuscript could be prepared. I told him that I turned the material over to you. Would it perhaps be advisable to come to some fairly definite conclusion in order that such groups as men have time to work up could be put into the approximate form in which the book is to be cast?

Hoping you are bearing up under the strain,

Sincerely yours,

J. R. Schramm

J. R. Schramm

JRS:W

UNIVERSITY INTRAMURAL CORRESPONDENCE

TO Dean John M. Fogg, Jr., The College

FROM Dr. J. R. Schramm, Department of Botany

DATE July 9, 1942

SUBJECT

Dear Dr. Fogg:

Thanks for your letter of July 3 with the copy of your letter to Mr. Thayer. Again let me congratulate you for Mrs. Griscom's contribution, which indeed represents an appreciation of your work on the Flora. I have also written to Mrs. Griscom adding my appreciation for her kindness and generosity.

The only possible question that arises in my mind with the name of the special fund is that it states publication. If any of this money were to be used for purposes of preparing illustrations I suppose this could still be considered as coming within the sphere of publication. It is a very small point and I am raising it only to make certain that there would be no question about using the fund for publication purposes in this liberal interpretation of that term.

Sincerely yours,

J. R. Schramm

JRS:W

from Fogg

July 17, 1942.

Dr. J. R. Schramm,
Department of Botany.

Dear Dr. Schramm:

I have taken up with Mr. Thayer the point raised in your recent letter relative to the special fund for publication of the State Flora. Mr. Thayer informs me that this arrangement is entirely flexible and that funds may be used for the preparation of illustrations or in any other manner which would lead to the completion of the work in published form.

Sincerely yours,

from Schramm

Dr. C. W. Metz, Department of Zoology

Dr. J. R. Schramm, Department of Botany

January 24, 1944

Dear Dr. Metz:

Back in the days of the School of Biology, i. e., around 1885 to early 90's, a few acre tract of land, including some salt marsh, near Sea Isle City, N. J., was made available as a summer station and laboratory. Whether from the beginning or not I do not know, but now for many years, it has been the property of the University of Pennsylvania. If I am correctly informed, it was actually used for class and research purposes only for a few years. I am reminded annually of this property because the taxes, which this year amount to $13.31, are annually charged to the Department of Botany. I have had some informal talks with the Administration, I believe particularly with the Comptroller, Mr. Mac Lean. Probably of all persons J. Percy Moore will know more about this property and its history than anyone now available.

I wonder whether it would not be a good plan to competently advise the University on the adviaability of holding or disposing of this property so far as probable biological uses are concerned. I would doubt the wisdom of continuing indefinitely to pay taxes on this property unless there is a clear prospect that it may be used profitably either for biological instruction or research or both. The cost of maintaining a usable station is such that I very much doubt that the University would be well advised to maintain it as a research station for the very few people who would likely use it. The well-established seaside laboratories are likely to answer the needs in this direction. Similarly I doubt that it would be at all essential for instructional purposes. However, I am saying all this without ever having seen the property.

I come now to the specific suggestion I was going to make. Would it not be well if we organized an expedition made up from your Department and from ours and any others who might have an interest in it, and inspect the area on the spot sometime next spring? If we can come to a conclusion we might then be in a position officially to advise the University so far as our interest in the property goes. There may be other considerations prompting the University to retain the property but it seems to me that the biological departments should, after these many years of non-use, make up their minds about it and communicate their conclusions to the Administration

24-I-1944

Probably we can arrange to make such a trip in the Arboretum station wagon. I would naturally hope that you would be able to go. Perhaps Baker, with his ecological interests, would be interested in seeing it. I should hope that Fogg and Wherry, at least, could go from our Department, as Fogg's interests in the coastal plains flora and Wherry's interest in ecology would engender in these men an interest in the area if in anyone. We can get from the Comptroller or the Treasurer's office the location and description of the property in the official New Jersey records. Perhaps we could persuade Dr. Moore to go along, whose piloting might be necessary to find the place. To get there may prove to be an amphibian operation. Let me know at your convenience what you think about the suggestion.

Sincerely yours,

J. R. Schramm

JRS/w

c.c. : Dean Fogg
Vice-Pres. Musser

THE MORRIS ARBORETUM
CHESTNUT HILL
PHILADELPHIA, PENNSYLVANIA

May 29, 1945

DIRECTED
FOR THE
MORRIS FOUNDATION
BY THE
DEPARTMENT OF BOTANY
OF THE
UNIVERSITY OF PENNSYLVANIA

Dr. John M. Fogg, Jr.
109 College Hall
Univ. of Penna.

Dear Dr. Fogg,

My congratulations on your book. It looks fine and should prove very popular for surely it will enable intelligent gardeners to identify most of their unwelcome guests. The illustrations are admirable. What struck me particularly is the amount of perspective which the artist managed to get into these line drawings. Anyone should be able to identify many of the troublesome weeds with half an eye.

What is particularly helpful is the identification of these weeds in their younger stages.

Now that you have this out of the way, I should like to raise seriously the question of illustrations for the Flora. Is your artist available for part time or full time and do you think you would be able to supervise her work sufficiently to utilize her time effectively? The latter is, of course, a very important point which only you can decide. I am prepared to see what can be done to finance the work if the artist is available and you can find the necessary time. The growing season would be the most favorable, I suppose, because of the availability of fresh material.

Sincerely yours,

J.R. Schramm

J.R. Schramm.

JRS.c

June 20, 1945.

Dear Dr. Schramm:

Thank you so much for your letter of May 29th with its generous comments concerning my little weed book. I suppose I shall never get over a feeling of distinct shock at seeing in print words which I have put together and am sure the present instance is no exception. The work contains a number of unfortunate errors which I shall hope some day to have the opportunity of correcting.

I scarcely know how to answer your question concerning the work of illustration for the State Flora. I feel that Miss Hagerty is thoroughly competent for this task, but have serious doubts whether she will be available. She is planning matrimony as soon as her soldier fiance is released from Service, and I have been unable to elicit from her any statement that she is seriously interested in continuing to work. Her ideas may undergo some modification of course, and if so, I shall pursue this matter with her. I fully realize the truth of what you say concerning the desirability of having this work carried on during the growing season, but unfortunately this year Miss Hagerty is receiving from the Barnes Arboretum a larger salary than I suppose we could afford to pay her, and even if we could, I would rather hesitate to suggest taking her away from Mrs. Barnes, for whom she is doing the rather considerable job of re-labeling the entire outdoor collection.

There is, of course, my own situation to be taken into account, and, frankly, I fail to see how I can devote the required time to supervision of this work until the war is over and the urgency of my duties here is somewhat relaxed. Perhaps I am too optimistic to think that my situation will eventually be improved, but there certainly exists a clear understanding with the members of the Administration that I am to devote an appreciable amount of time to our project just as soon as conditions permit.

Sincerely yours,

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

Dr. J. R. Schramm, Chairman,
Department of Botany.

THE MORRIS ARBORETUM
CHESTNUT HILL
PHILADELPHIA, PENNSYLVANIA

October 2, 1945

DIRECTED
FOR THE
MORRIS FOUNDATION
BY THE
DEPARTMENT OF BOTANY
OF THE
UNIVERSITY OF PENNSYLVANIA

Dr. John Milton Fogg
109 College Hall
Univ. of Penna.

Dear Jack,

I think you will be interested in the enclosed copy of my letter to Craighead regarding control of herbarium insects. Merrill was most enthusiastic about their experience at the Arnold. That it is not just Merrill's enthusiasm is clear from the fact that Raupp, Johnston, Kobuski and Smith all corroborated him fully. I think it is four years now since they have seen an insect in their cases.

Sincerely yours,

J.R. Schramm.

J.R. Schramm.

CC to Dr. Wherry
Miss Earle

JRS.c

October 2, 1945

Mr. F.C. Craighead
U.S. Dept. of Agriculture
Agricultural Research Administration
Bureau of Entomology and Plant Quarantine
Beltsville, Maryland.

Dear Mr. Craighead,

We are grateful for your detailed letter about DDT. As one thinks about the way in which dermestids attack herbarium specimens, it would seem to be necessary to spray each specimen with DDT solution to insure contact with the insect when it attempts to do damage. This would be quite a job.

By a curious coincidence, about the time your letter came I had a talk with E.D. Merrill at Harvard about their procedure for controlling herbarium pests. By conventional methods plus an ingenious trapping scheme he says they have absolutely controlled all herbarium pests throughout the huge herbarium at the Arnold Arboretum although they began with extremely heavy infestation. You may be interested to know what they have done and so I shall give you the main outlines of their procedure.

First they fumigate each herbarium case compartment with carbon disulphide in the usual way. Then, in each compartment there is maintained continuously a cloth bag containing equal amounts of naphthalene and dichlorobenzene. Merrill says the herbarium pests definitely dislike the odor of naphthalene and that is the merit of using it along with the dichlorobenzene.

The second and unusual part of the control is the maintenance throughout the herbarium of occasional "traps" which consist of bundles of herbarium specimens between newspapers wrapped so that the ends remain open. The plants that are put into these traps are those known to be favored by the insect pests such as milky composites, (Sonchus, Lactuca), Taraxacum, Solanaceae, Asclepiadaceae, Capparidaceae (which locally would probably mean mainly Cleome), etc. Chance insects entering the herbarium in whatever manner appear to be attracted to these traps, which are taken out and fumigated four times a year and then replaced without even changing the specimens. Merrill told me that the life history of the insects is such that twice a year would probably be sufficient; but they play safe by fumigating four times. Attached to the wrapper of each trap is a schedule of dates for fumigation to serve as a reminder.

I think this experience at the Arnold is very interesting, especially as they started out with such heavy infestation with very extensive damage to many specimens. In view of this experience I thought we would try it out both at the University and here at the Morris Arboretum. If we should not succeed I am pleased to know that we may call on you again.

Again thanking you,

Sincerely yours,

J.H. Schramm.

JHS:c

UNIVERSITY INTRAMURAL CORRESPONDENCE

TO Dr. John M. Fogg, Jr., Vice-Provost

FROM Dr. J. R. Schramm, Department of Botany

DATE October 23, 1946

SUBJECT

Dear Fogg:

You are familiar with the wood technology project No. 1 of the Department of Wood Technology of the New York State College of Forestry. As you know, this consists of authentic wood samples backed up by voucher, herbarium material and field notes from the identical tree. The University of Pennsylvania is one of the depositories for this project. A recent consignment -- the first in the post war period -- has just arrived. It has occurred to me that this collection might possibly be more appropriately housed and used at the Arboretum since it is concerned wholly with tree species, including wood samples. Since this collection is now housed in 10A in a case which is the property of the Northeastern Forest Experiment Station, it has occurred to me that by removing this case to the Arboretum, assuming that the Northeastern Station and the New York State College of Forestry are agreeable, it would relieve a little the congestion in 10A, and probably not remove anything from the herbarium which is very much needed.

This is the merest suggestion and you may very well feel that it better remain here.

Sincerely yours,

J. R. Schramm.

JRS/w

October 28, 1946

Dr. J. R. Schramm, Chairman,
Department of Botany,
Macfarlane Hall.

Dear Jack:

I have your letter of the 23rd relative to the material which we have received from the Department of Wood Technology of the New York State College of Forestry. If I recall correctly, we received two items in substantiation of each record, one for a wood block, the other a herbarium specimen taken from the same tree from which the blocks were cut. The herbarium specimens have, of course, been mounted and distributed throughout the collection and it would be difficult, though not impossible, to remove them therefrom. I do recall, however, that some of the specimens were collected in Pennsylvania and have therefore been recorded on our State cards. It would seem to me highly undesirable to remove these to the Arboretum.

Another point which occurs to me is that although we are naturally greatly in need of space in Room 10-A, I cannot help wondering whether it would be wise to segregate the blocks from the specimens which substantiate them. It seems to me that the two items have more value if kept together than either would have separately.

I have given you only my first reaction to your suggestion and would not want my present opinion to be regarded as final. I should be glad to discuss this matter with you at your convenience.

Sincerely yours,

John M. Fogg, Jr.

to Fogg

UNIVERSITY INTRAMURAL CORRESPONDENCE

TO Dr. John M. Fogg, Jr., Vice-Provost

FROM Dr. J. R. Schramm, Department of Botany

DATE November 8, 1946

SUBJECT

Dear Jack:

I have your note of October 28 concerning the New York State College of Forestry. I had not realized that the specimens, i. e., the herbarium specimens, had been distributed in our herbarium. I am not sure, but the question arises in my mind whether this is in agreement with our commitment to the New York State College of Forestry in accepting the material. I wonder whether any of the correspondence covering the arrangement is in your herbarium file. I'll have Miss Webb look in our files also.

Sincerely yours,

J. R. Schramm.

JRS/w

from Schramm

BOTANY DEPARTMENT
UNIVERSITY INTRAMURAL CORRESPONDENCE

May 1, 1947

Dear Dr. Fogg:

Dr. E. D. Merrill is compiling what he calls Index Rafinesqueanus. As I understand it, this is to include all names proposed by the eccentric naturalist in his various rare publications. It is possible or perhaps probable that it will be submitted to the American Philosophical Society for publication. As Chairman of the Committee on Publications, and as the only botanical member, I am rather the goat in this particular case. As I am, of course, not a systematist, I would like to get the opinion of competent students, if and when the manuscript should be officially before us.

In a memorandum, which Dr. Merrill left with the Society concerning the Index, he mentioned that it will contain about 3,400 generic and specific names not caught by Index Kewensis. I have, of course, the greatest respect for Merrill's scholarship and competence. What troubled me is the possibility of a not inconsiderable upsetting and upheaval of nomenclature, perhaps especially of Eastern North American plants. I am, of course, aware of the rules of nomenclature and particularly of priority and the necessity of these. But the potentialities of upsetting nomenclature where so large a number of names are involved, gives one something to think about. The zoologists can set an entire work aside, but that is not possible under existing botanical rules so far as I know. We may therefore be sure that all valid names, and they are all post-Linnean, will be taken up sooner or later by specialists or others. I am wondering, too, to what extent authentic specimens are available which would make possible determination of the plants that Rafinesque had in mind in coining names. Is there likely to be a considerable twilight zone where little or no material is extant which can result in endless uncertainty and difference of opinion?

1-V-1947

Probably I have a wholly inadequate understanding of the whole situation. I shall therefore be greatly obliged if you will give me your candid opinion of the desirability of publishing the Index should it be submitted to the Society. In all this there is, of course, no question of Dr. Merrill's scholarship, but only the desirability of publishing the work and the consequences of doing so. Excessive instability of nomenclature does not enhance the position of systematic botany in the family of botanical sciences. Please step on me as hard as you please; I'll consider my ears properly pinned back.

Cordially yours,

J. R. Schramm

J. R. Schramm

JRS:pam

Dr. John M. Fogg
University Vice-Provost
104 College Hall

May 8, 1947

Dr. J. R. Schramm,
Department of Botany,
Macfarlane Hall.

Dear Dr. Schramm:

I find it somewhat difficult to frame a satisfactory answer to the query contained in your letter of May 1st concerning Merrill's Rafinesque Index. I recall hearing Merrill speak on this subject at a meeting of the Philadelphia Botanical Club four or five years ago. On that occasion he went over family by family many of the generic and specific names of Rafinesque which he had tracked down, and the thought occurred to me at that time what a terrific thing it would be if even a small proportion of these proved to be valid and would therefore upset a corresponding number of long-established and familiar names. I remember asking him to what extent he thought this might be the result of the publication of such a list and he admitted that in a few instances, but he thought only a few, such a result might follow.

On the other hand, of course, it must be recognized that a number of Rafinesque's names have been exhumed, resulting in the replacement of more familiar epithets. There is, therefore, no guarantee that future botanists will not continue to relocate this author's names from time to time and to present a good case for their acceptance. The chief merit to be derived from the publication of Merrill's report would, it seems to me, be that once and for all this task would be undertaken by a competent botanist and we would at least feel free from the annoyance caused by periodic "rediscovery" of such names by individual students. After all, what Merrill purposes to do now is exactly what should have been done years ago by the authors of the Index Kewensis. Publication of his manuscript would make these names available to taxonomists and they would then have to take their chances along with all other names proposed by students who fail to typify their new descriptions or to provide recognizable diagnoses. I hardly believe that any significant upheaval in the field of American nomenclature would result and would therefore be inclined to recommend that if this paper is submitted to the Philosophical Society, consideration should be given to its publication. I believe that in the end you would be conferring a benefit upon workers in the field of descriptive botany.

Sincerely yours,

John M. Fogg, Jr.

THE MORRIS ARBORETUM
CHESTNUT HILL
PHILADELPHIA 18, PENNSYLVANIA

May 21, 1947

DIRECTED
FOR THE
MORRIS FOUNDATION
BY THE
DEPARTMENT OF BOTANY
OF THE
UNIVERSITY OF PENNSYLVANIA

Dear Dr. Fogg,

Thanks for your letter of May 8th with its comments on Merrill's Rafinesque Index. I have invited expressions of opinion from a number of sources and am getting responses on both sides of the fence. Your letter will help in deliberating the problem and coming finally to a decision should Merrill formally submit the manuscript for consideration.

Sincerely yours,

J.R. Schramm.

J.R. Schramm.

JRS.c

to Fogg

BOTANY DEPARTMENT
UNIVERSITY INTRAMURAL CORRESPONDENCE

August 8, 1947

Dear Jack:

The enclosed copies of letters to Dr. F. D. Kern and Dr. Wahl will be self explanatory.

We have discussed at various times the question of authorship of the published Flora. I know it has been much on your mind and I know also that your attitude in the matter has always been extremely generous. Wahl's growing contribution adds a new facet.

It would probably be well if some conclusion could be reached soon now that final consummation of the herculean job is really in sight. Should the question be raised, possible embarassment would be avoided if meanwhile the matter had been thought through. Think it over and let's have a session at your convenience.

Sincerely,

J. R. Schramm

J. R. Schramm

Dr. John M. Fogg, Jr.
University Vice-Provost
104 College Hall

August 8, 1947

Dr. Herbert A. Wahl
Pennsylvania State College
State College, Pennsylvania

Dear Dr. Wahl:

While confident that our recommendation concerning yourself would be approved, I delayed writing Dr. Kern until the budget for 1947-48 was released. It is now in hand and makes provision for you for the second half of the present academic year at $2500. I have therefore written Dr. Kern and enclose copy of my letter. We all very much hope that it will be possible for you to be here without too great hardship for Dr. Kern and your Department generally.

With kind regards to you and Mrs. Wahl,

Sincerely,

J. R. Schramm, Chairman
Botany Department

JRS:pam

August 8, 1947

Dr. Frank D. Kern
Pennsylvania State College
State College, Pennsylvania

Dear Dr. Kern:

I meant earlier to thank you personally and on behalf of the Department and the Administration for having made it possible for Dr. Wahl to spend the past year with us. He is doing a grand job and we all greatly enjoyed the association.

Despite the prodigious amount of work Dr. Wahl accomplished, considerable remains to be done; with his present heavy administrative responsibilities as Vice-Provost, Dr. Fogg is unable to give much time to the Flora. He and I were therefore of one mind in hoping that Dr. Wahl might be able to spend another year with us, and I informally discussed the possibility with him. He expressed his interest and willingness provided the matter could be adjusted at your end without hardship. He suggested that this might be more practicable if the work were spread over two half years in successive years, an arrangement which would be entirely satisfactory to us.

I venture to inquire, therefore, whether it might be possible for Dr. Wahl to spend the second half of the coming academic year in Philadelphia. Necessary budgetary arrangements are assured at this end. If this should prove feasible there would be little or no loss in the vigorous momentum Dr. Wahl has restored to the undertaking and advanced so substantially toward consummation.

With kind regards and again our appreciation,

Sincerely,

J. R. Schramm, Chairman
Botany Department

JRS:pam

C O P Y

The Pennsylvania State College
School of Agriculture
State College, Pennsylvania

Department of Botany August 13, 1947

Dr. J. R. Schramm, Chairman
Botany Department
University of Pennsylvania
Philadelphia 4, Pennsylvania

Dear Dr. Schramm:

I am most glad to know that Dr. Wahl succeeded so well in reviving and prosecuting work on the Flora. As you know we are anxious indeed to have this work go forward and to make as much of a contribution as possible.

The facts are that we are in a peculiar situation in which we do not know what the demands will be on our department during the coming year and for the more immediate future. You know we did not have freshmen on the campus last year and will not have them this year. Since we are ordinarily so largely concerned with freshmen in this department that ought to mean reduced loads. It seems, however, that many sophomores will not have had freshman botany and that we shall have large classes - contrary to what might be expected.

I have been making the best study possible under present conditions of our probable load for the second semester of this academic year. I confess it is pretty difficult to make out just what it would do to us to be deprived of Dr. Wahl's help. Perhaps we can get along without him or perhaps, if necessary, we can get a substitute.

Shall we put it this way - that we are intending to do everything possible to work out an arrangement such as you are suggesting.

Kindest regards and best wishes,

Sincerely yours,

Frank D. Kern
Head, Botany Department

(over)

Dr. Schramm's reply to Dr. Kern - August 24, 1947

Dear Dr. Kern:

Thank you for your letter of Aug. 13. What you propose doing is certainly all we could possibly ask. We shall hope that Dr. Wahl will be with us the second term. If he can't, I assure you we shall understand and await the time when he can. When it is possible to make final arrangements for the second term I shall appreciate it if you will let me know.

With kind regards

Sincerely

J. R. Schramm.

to Schramm

September 16, 1947

Dear Jack:

Many thanks for having permitted me to see the letter from Dr. Kern which I found here upon my return from vacation. I have taken the liberty of having a copy made and placed in my files, and am herewith returning the original.

Sincerely yours,

John M. Fogg, Jr.

Dr. J. R. Schramm,
Department of Botany,
Macfarlane Hall.

enc.

October 5, 1948

Dr. Frank D. Kern
Pennsylvania State College
State College, Pennsylvania

Dear Dr. Kern:

On a recent brief visit, Dr. Wahl told me that it had worked out better in your department that he come for the five months from February 1 through June in the present fiscal year rather than for eight months as originally contemplated. I am writing at once that we shall be glad to adapt our plans to this change. He suggested further that, to compensate for the three months, he would be glad, if you are able to arrange it, to stay on through the months of July and August, with September as vacation. (These three months would, of course, also be on our budget.) This too would be entirely satisfactory from our standpoint.

As on his former period here, Dr. Wahl did a fine job and very substantially advanced the State Flora project. If he can spend the additional eight months here it will put the undertaking sufficiently over the top so that Dr. Fogg can see his way clear to begin preparation of the manuscript.

Both the University and the Department are greatly indebted to you for your generous cooperation in making possible Dr. Wahl's effective work.

Sincerely,

J. R. Schramm

JRS/w
c.c.: Dr. Fogg

December 3, 1948

Dr. Herbert A. Wahl
Department of Botany
Pennsylvania State College
State College, Pa.

Dear Wahl:

I have been wondering how matters are shaping up for you and whether your tentative plan to join us on Feb. 1 or thereabouts is feasible. Naturally we hope it is.

With kind regards to you and Mrs. Wahl,

Sincerely,

J. R. Schramm

JRS/w

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

The College

GLENN R. MORROW, *Dean*

November 2, 1950

Dr. J. R. Schramm
Department of Botany
Macfarlane Hall

Dear Dr. Schramm:

I have just been informed that the President has appointed Vice-Provost Fogg as Acting Chairman of the Department of Botany for the remainder of the present academic year. I am assuming that this appointment takes effect as of October 30, the date of the President's letter.

I need not tell you how pleased I am that our prolonged negotiations to provide this measure of relief to you for the remainder of the current year have been brought to so successful a conclusion. This will mean a much less severe drain upon your strength, and I trust it will give you an opportunity also to do some of your own research which you have been eager to get at.

It is understood, of course, that on matters affecting department policy or important department personnel, your advice and help will always be appreciated.

With all best wishes, I am

Sincerely yours,

Glenn R. Morrow

Glenn R. Morrow

grm mjc

Copy to Vice-Provost Fogg.